



Remediation Summary & Soil Closure Request

Mewbourne Oil Company CWMS Whitesnake Riser

Eddy County, New Mexico
Unit Letter "C", Section 20, Township 23 South, Range 28 East
Latitude 32.29585° North, Longitude 104.11035° West
NMOCD Reference No. nAPP2422659329

Prepared By:

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1.0 PROJECT INFORMATION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Mewbourne Oil Company, has prepared this *Remediation Summary & Soil Closure Request* for the release site known as the CWMS Whitesnake Riser. Details of the release are summarized below:

Location of Release Source

Latitude: 32.29585° Longitude: -104.11035°

Provided GPS are in WGS84 format.

Site Name: CWMS Whitesnake Riser	Site Type: Pipeline
Date Release Discovered: 7/30/2024	API # (if applicable): N/A

Unit Letter	Section	Township	Range	County
"C"	20	23S	28E	Eddy

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (Name Rustler Hills II Limited Partners)

Nature and Volume of Release

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 543	Volume Recovered (bbls) 66
	Is the concentration of dissolved chloride in the produced water > 10,000 mg/L?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released	Volume/Weight Recovered
Cause of Release: Equipment failure		

Initial Response

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

Previously submitted portions of the New Mexico Oil Conservation Division (NMOCD) Form C-141 are available in the NMOCD Imaging System.

2.0 SITE CHARACTERIZATION

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (bgs)?	Less than or equal 25 (ft.)
What method was used to determine the depth to groundwater?	Direct Measurement
Did the release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
What is the minimum distance between the closest lateral extents of the release and the following surface areas?	
A continuously flowing watercourse or any other significant watercourse?	Between 1,000 (ft.) and ½ (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	Between ½ and 1 (mi.)
An occupied permanent residence, school, hospital, institution or church?	Between 1,000 (ft.) and ½ (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	Between 1,000 (ft.) and ½ (mi.)
Any other fresh water well or spring?	Between 1,000 (ft.) and ½ (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field?	Between 1,000 (ft.) and ½ (mi.)
A wetland?	Between 1 and 5 (mi.)
A subsurface mine?	Greater than 5 (mi.)
A (non-karst) unstable area?	Between 1 and 5 (mi.)
Categorize the risk of this well/site being in a karst geology.	Medium
A 100-year floodplain?	Between 1,000 (ft.) and ½ (mi.)
Did the release impact areas not on an exploration, development, production or storage site?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

A search of groundwater databases maintained by the New Mexico Office of the State Engineer (NMOSE) and United States Geological Survey (USGS) was conducted in an effort to determine the horizontal distance to known water sources within a half-mile radius of the CWMS Whitesnake Riser release site.

Probable groundwater depth was determined using data generated by numeric models based on available water well data and published information. In addition, on August 21, 2024, a temporary monitor well (NMOSE ID #C-04869 POD-1) was drilled nearby to determine if shallow groundwater is present in the area. The soil boring was advanced to a total depth of approximately 30 feet bgs and left open for over 72 hours. A groundwater gauging event conducted on August 28, 2024, indicated that the depth to groundwater was approximately 22 feet bgs. Following gauging, a groundwater sample was collected from the well, the temporary PVC casing was removed, and the well was plugged and abandoned in accordance with an NMOSE-approved "Plugging Plan of Operations." The location of the temporary monitor well is depicted in Figures 2A, 2B, and 4. The NMOSE "Well Record & Log" for the well is provided in Appendix A.

Additional NMOCD Siting Criteria data was gathered from available resources including Bureau of Land Management (BLM) and Fish and Wildlife Services (FWS) shapefiles; topographic maps; NMOSE and USGS databases; and aerial imagery. The results are depicted in Figures 1, 2A, 2B, and 4.

The groundwater sample collected from temporary monitor well C-04869 POD-1 on August 28, 2024, was submitted to a certified, commercial laboratory (henceforth, "the laboratory") for analysis of chloride and total dissolved solids (TDS). Laboratory analytical results indicated that the chloride concentration was 6,000 mg/L and the TDS concentration was 12,600 mg/L. Since the background concentrations of chloride and TDS exceeded the New Mexico Water Quality Control Commission (NMWQCC) standards of 250.0 mg/L and 1,000.0 mg/L specified in Sections 20.6.2.3103 B.(1) and B.(7)

NMAC, respectively, it was determined that the groundwater underlying the release site is not "fresh water", pursuant to NMAC Section 19.15.29.12 C.(4)(c)(ii). The laboratory analytical report is provided in Appendix E.

3.0 VERTICAL DELINEATION SUMMARY

On August 19, 2024, Etech advanced four (4) test trenches (TT 1 through TT 4) within the release margins in an effort to determine the vertical extent of impacted soil. The test trenches were advanced in increments of two (2) feet to total depths ranging from 12 feet bgs in trenches TT 3 and TT 4 to 18 feet bgs in trench TT 1. During the advancement of the test trenches, soil samples were collected and field-screened for concentrations of chloride utilizing a Hach Quantab ® chloride test kit and/or the presence of Volatile Organic Compounds (VOCs) utilizing olfactory/visual senses.

Based on field observations and field test data, a total of 33 delineation soil samples (TT 1 @ 0' through TT 1 @ 18', TT 2 @ 0' through TT 2 @ 16', TT 3 @ 0' through TT 3 @ 12', and TT 4 @ 0' through TT 4 @ 12') were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Based on laboratory analytical results and field screens, the vertical extent of impacted soil was adequately defined in the areas characterized by test trenches TT 1 through TT 4 and ranged from approximately 10 feet bgs in trenches TT 3 and TT 4 to 18 feet bgs in trench TT 1.

The locations of the test trenches are depicted in Figure 3, "Sample Location Map."

4.0 CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE

The pattern of elevated and spiking chloride concentrations observed in test trenches TT 1 through TT 4 (see Table 1) did not align with the depths and levels of impact that would have been reasonably expected from the release. A review of historical aerial imagery, along with the chloride and TDS concentrations in the groundwater sample collected from temporary monitor well C-04869 POD-1, suggested that there may either be (a) naturally occurring chloride in the subsurface soil at the release site or (b) residual chloride impacts from the area's historical use as agricultural cropland.

On October 28, 2024, based on the information summarized above, a *Remediation Summary & Variance Request* (henceforth, "*Variance Request*") was submitted to the NMOCD requesting that the NMOCD Closure Criteria be revised as listed in the table below. The *Variance Request* was subsequently approved by the NMOCD.

Closure Criteria for Soils Impacted by a Release

Probable Depth to Groundwater	Constituent	Laboratory Analytical Method	Original Closure Criteria*	Revised Closure Criteria*
Less than or equal 25 (ft.)	Chloride (Cl-)	EPA** 300.0 or SM4500 Cl B	600	20,000
	Total Petroleum Hydrocarbons (TPH)	EPA SW-846 Method 8015M Ext	100	2,500
	Gas Range Organics + Diesel Range Organics (GRO+DRO)	EPA SW-846 Method 8015M	N/A	1,000
	Benzene	EPA SW-846 Methods 8021b or 8260b	10	10
	Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA SW-846 Methods 8021b or 8260b	50	50

* Measured in milligrams per kilogram (mg/kg)

** Environmental Protection Agency

5.0 REMEDIATION ACTIVITIES SUMMARY

On August 2, 2024, remediation activities commenced at the CWMS Whitesnake Riser release site. Impacted soil in the uppermost four (4) feet of the affected area was excavated in accordance with NMOCD Reclamation Standards (i.e., 10 mg/kg benzene, 50 mg/kg BTEX, 100 mg/kg TPH, and 600 mg/kg chloride) and stockpiled on-site, pending transfer to an NMOCD-permitted surface waste facility for disposal. Olfactory/visual senses and/or a chloride test kit were utilized to field-screen the

horizontal extent of impacted soil and to guide the excavation. The sidewalls of the excavated area were advanced until field tests and field observations suggested that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Reclamation Standards.

Requesting a remediation plan approval with this submission?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Have the lateral and vertical extents of contamination been fully delineated?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Was this release entirely contained within a lined containment area?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
On what estimated date will (or did) the remediation commence?	8/2/2024	
On what date will (or did) the final sampling or liner inspection occur?	1/9/2025	
On what date will (or was) the remediation complete(d)?	1/28/2025	
What is the total surface area (sq. ft.) in need of or that will <i>eventually</i> be reclaimed?	86,330	
What is the total volume (cy) in need of or that will <i>eventually</i> be reclaimed?	12,790	
What was the total surface area (sq. ft.) that has or will be remediated?	86,330	
What was the total volume (cy) that has or will be remediated?	12,790	
This remediation utilized the following processes to remediate/reduce contaminants: (Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
(In Situ) Soil Vapor Extraction	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Ground Water Abatement pursuant to 19.15.30 NMAC	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Other (Non-listed remedial process)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Which OCD approved facility was or will be used for off-site disposal?	R360 Red Bluff Facility	
NMOCD Disposal Facility ID?	Texas	
Summarize any additional remediation activities not included by answers above.	See below	

Between August 2 and October 7, 2024, approximately 83,642 square feet of the affected area was excavated vertically to a total depth of approximately four (4) feet bgs. Etech transported approximately 10,652 cubic yards of impacted soil to an NMOCD-permitted surface waste facility for disposal and imported approximately 9,852 cubic yards of locally sourced, non-impacted material to the site for use as backfill. An additional area of impacted soil within the adjacent, fenced ConocoPhillips Company yard still required remediation.

On December 4, 2024, Etech returned to the release site. In accordance with the NMOCD-approved *Variance Request*, representative five-point composite confirmation soil samples were collected for laboratory analysis at a frequency of one composite sample per 500 square feet from the excavation floor and one composite sample per 200 square feet from the excavation sidewalls. A summary of soil sampling events is provided below:

Summary of Soil Sampling Events

Constituent	Highest Observed Concentration (mg/kg)	Sample ID	Sample Date	Sample Depth (ft bgs)	Soil Status
Chloride	71,200	TT 4 @ 0'	8/19/2024	0	Excavated
TPH	2,640	WW 4	12/10/2024	0-4	Excavated
GRO+DRO	2,310	WW 4	12/10/2024	0-4	Excavated
BTEX	1.790	WW 4	12/10/2024	0-4	Excavated
Benzene	<0.050	All submitted soil samples	8/19, 8/23, 12/5, 12/6, 12/9-12/13, 12/16, 12/17, 12/18/24 & 1/9/25	0-18	Excavated & In-Situ

Please reference Table 1 for additional information.

On December 5, 2024, Etech collected 34 confirmation soil samples (FL 1 @ 1' through FL 24 @ 4', NW 1 through NW 4, EW 1, SW 1 through SW 4, and WW 1) from the floor and sidewalls of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards in each of the submitted soil samples.

On December 6, 2024, Etech collected 13 confirmation soil samples (FL 25 @ 4' through FL 37 @ 4') from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria in each of the submitted soil samples.

On December 9, 2024, Etech collected 29 confirmation soil samples (FL 38 @ 4' through FL 55 @ 4', NW 5 through NW 8, EW 2, EW 3, SW 5, SW 6, SW 7, WW 2, and WW 3) from the floor and sidewalls of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards in each of the submitted soil samples.

On December 10, 2024, Etech collected 14 confirmation soil samples (FL 60 @ 4' through FL 64 @ 4', EW 4, EW 5, EW 6, SW 8, SW 9, SW 10, WW 4, WW 5, and WW 6) from the floor and sidewalls of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards in each of the submitted soil samples, with the exception of soil sample WW 4, which exceeded the NMOCD Closure Criteria for GRO+DRO and TPH. Based on these laboratory analytical results, the excavation was subsequently further advanced in the area characterized by soil sample WW 4.

On December 11, 2024, Etech collected 42 confirmation soil samples (FL 56 @ 4' through FL 59 @ 4', FL 65 @ 4' through FL 97 @ 4', EW 7, EW 8, SW 11, WW 7, and WW 8) from the floor and sidewalls of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards in each of the submitted soil samples.

On December 12, 2024, Etech collected 43 confirmation soil samples (FL 98 @ 4' through FL 140 @ 4') from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria in each of the submitted soil samples.

On December 13, 2024, Etech collected 38 confirmation soil samples (FL 141 @ 4' through FL 178 @ 4') from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria in each of the submitted soil samples.

On December 16, 2024, Etech collected 21 confirmation soil samples (FL 179 @ 4' through FL 187 @ 4', NW 9, NW 10, NW 11, EW 9, SW 12, SW 13, and WW 9 through WW 14) from the floor and sidewalls of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards in each of the submitted soil samples.

On December 17, 2024, Etech collected 20 confirmation soil samples (FL 188 @ 4' through FL 196 @ 4', NW 12, EW 10 through EW 16, SW 14, WW 15, and WW 16) from the floor and sidewalls of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH,

and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards in each of the submitted soil samples.

On December 18, 2024, Etech collected one (1) confirmation soil sample (WW 4B) from the sidewall of the excavated area. The soil sample was submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations in the soil sample were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards.

On January 9, 2025, upon receiving permission from ConocoPhillips Company, the affected area within their fenced yard was excavated to a total depth of four (4) feet bgs. Etech collected 11 confirmation soil samples (FL-C1 @ 4' through FL-C6 @ 4', NW-C1, EW-C1, EW-C2, WW-C1, and WW-C2) from the floor and sidewalls of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX and TPH concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards in each of the submitted soil samples.

The final dimensions of the excavated areas ranged from approximately 88 to 522 feet in length, seven (7) to 166 feet in width, and one (1) to four (4) feet in depth. During the course of remediation activities, Etech transported approximately 19,234 cubic yards of impacted soil to an NMOCD-permitted surface waste facility for disposal and imported approximately 19,486 cubic yards of locally sourced, non-impacted material to the site for use as backfill.

Soil sample locations and the extents of the excavated areas are depicted in Figure 3, "Sample Location Map." Soil chemistry data is summarized in Table 1. Field data is provided in Appendix B. General photographs of the release site are provided in Appendix C. Laboratory analytical reports are provided in Appendix D. Copies of all regulatory correspondence are provided in Appendix F.

6.0 SOIL CLOSURE REQUEST

Requesting a deferral of remediation closure due date with the approval of this submission?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Requesting a remediation closure approval with this submission?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Have the lateral and vertical extents of contamination been fully delineated?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Was this release entirely contained within a lined containment area?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the site's existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion.	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
What was the total surface area (sq. ft.) remediated?	86,032	
What was the total volume (cy) remediated?	19,234	

Remediation activities were conducted in accordance with NMOCD regulatory guidelines and the NMOCD-approved *Variance Request*. Impacted soil affected above the revised NMOCD Closure Criteria and/or NMOCD Reclamation Standards was excavated and transported to an NMOCD-permitted disposal facility. Laboratory analytical results from confirmation soil samples indicate that in-situ concentrations of BTEX, TPH, and chloride are below the revised NMOCD Closure Criteria and/or NMOCD Reclamation Standards.

Based on laboratory analytical results and field activities conducted to date, Etech recommends Mewbourne Oil Company provide copies of this *Remediation Summary & Soil Closure Request* to the appropriate agencies and request remediation closure approval be granted to the CWMS Whitesnake Riser release.

7.0 RESTORATION, RECLAMATION & RE-VEGETATION PLAN

All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste containing earthen material with concentrations of less than 600 mg/kg chloride, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg benzene?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Requesting a reclamation approval with this submission?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Requesting a restoration complete approval with this submission?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
What was the total surface area (sq. ft.) reclaimed?	86,032	
What was the total volume (cy) reclaimed?	19,234	

On August 23, 2024, in accordance with NMOCD requirements, a 5-point composite soil sample (Delaware Ranch Pit) was collected from material at the Delaware Ranch borrow pit that was representative of the material imported to the site to be utilized as backfill. The soil sample was submitted to the laboratory for analysis of BTEX, TPH, and chloride concentrations. Laboratory analytical results indicated that the BTEX, TPH, and chloride concentrations in the soil sample were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards and confirmed that the material was acceptable for use as backfill.

From December 16, 2024, through January 28, 2025, upon receiving laboratory analytical results from confirmation soil samples, the excavated areas were backfilled with locally sourced, non-impacted "like" material placed at or near original relative positions. The affected areas were contoured and/or compacted to achieve erosion control, stability and preservation of surface water flow to the extent practicable. Affected areas outside of the ConocoPhillips Company yard and any pipeline rights-of-way present will be revegetated with an agency and/or landowner-approved seed mix, which has been certified to be free of noxious weeds, during the first favorable growing season following closure of the site. The seed will be installed at the prescribed rate utilizing either a seed drill or a broadcaster and harrow.

8.0 LIMITATIONS

Etech Environmental & Safety Solutions, Inc., has prepared this *Remediation Summary & Soil Closure Request* to the best of its ability. No other warranty, expressed or implied, is made or intended. Etech has examined and relied upon documents referenced in the report and on oral statements made by certain individuals. Etech has not conducted an independent examination of the facts contained in referenced materials and statements. Etech has presumed the genuineness of these documents and statements and that the information provided therein is true and accurate. Etech has prepared the report in a professional manner, using the degree of skill and care exercised by similar environmental consultants. Etech notes that the facts and conditions referenced in this report may change over time, and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

This report has been prepared for the benefit of Mewbourne Oil Company. Use of the information contained in this report is prohibited without the consent of Etech and/or Mewbourne Oil Company.

9.0 DISTRIBUTION

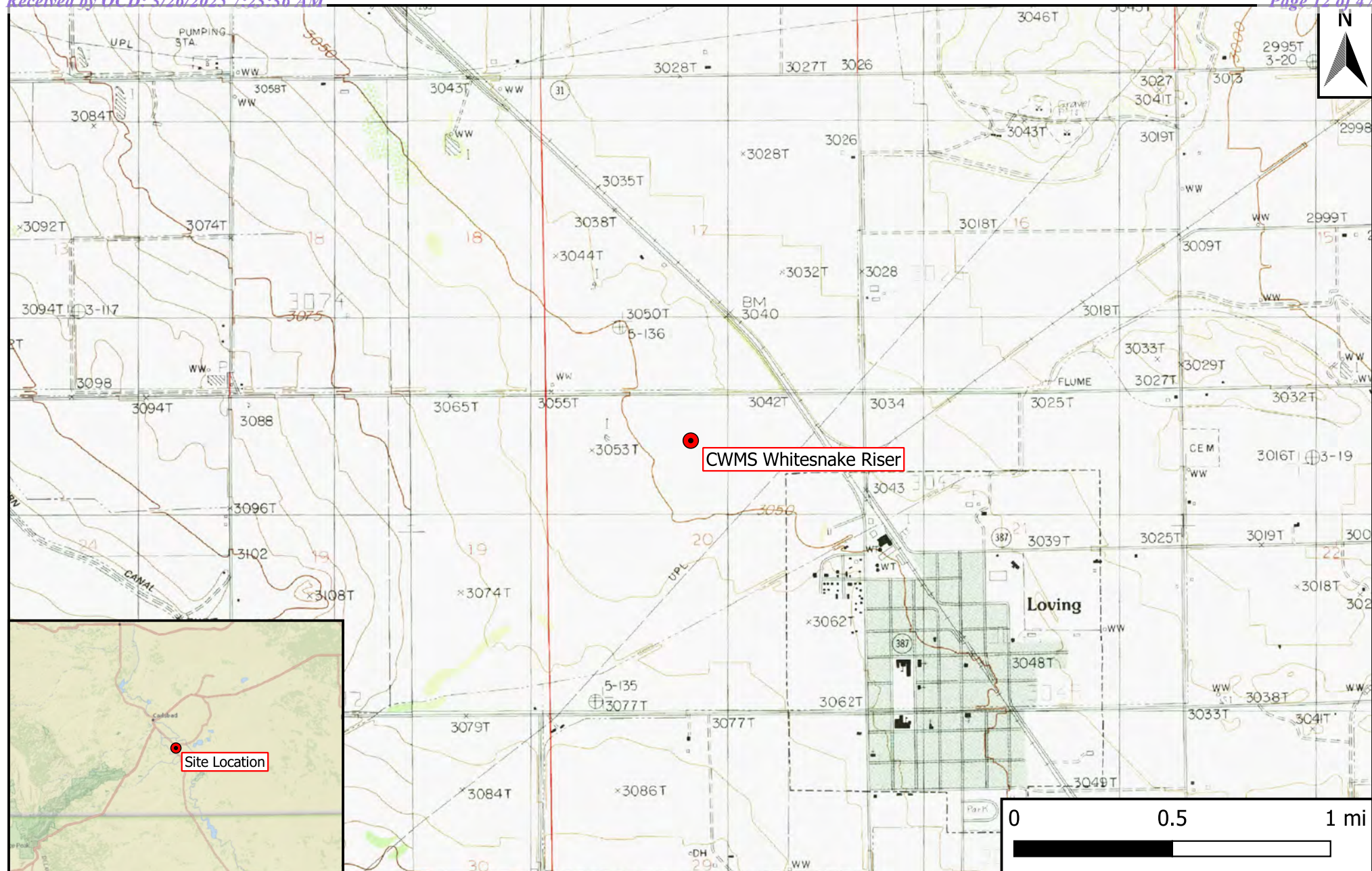
Mewbourne Oil Company
4801 Business Park Blvd.
Hobbs, NM 88240

New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division, District 2
811 S. First Street
Artesia, NM 88210

(Electronic Submission)

Figure 1

Site Location Map



Legend

- Site Location

Figure 1

Site Location Map
 Mewbourne Oil Company
 CWMS Whitesnake Riser
 GPS: 32.29585, -104.11035
 Eddy County, New Mexico



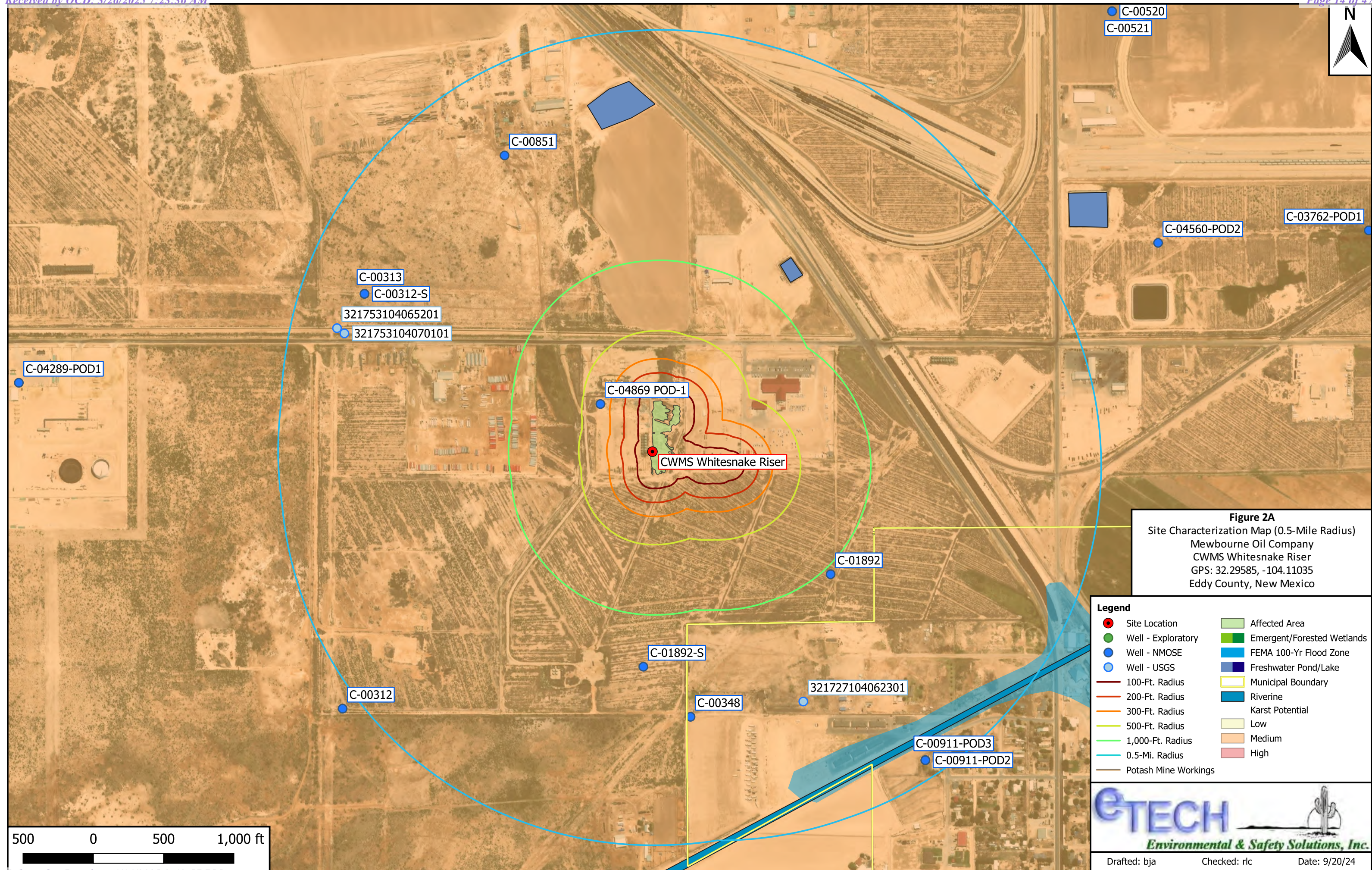
Drafted: bja

Checked: rlc

Date: 7/30/24

Figures 2A & 2B

Site Characterization Maps



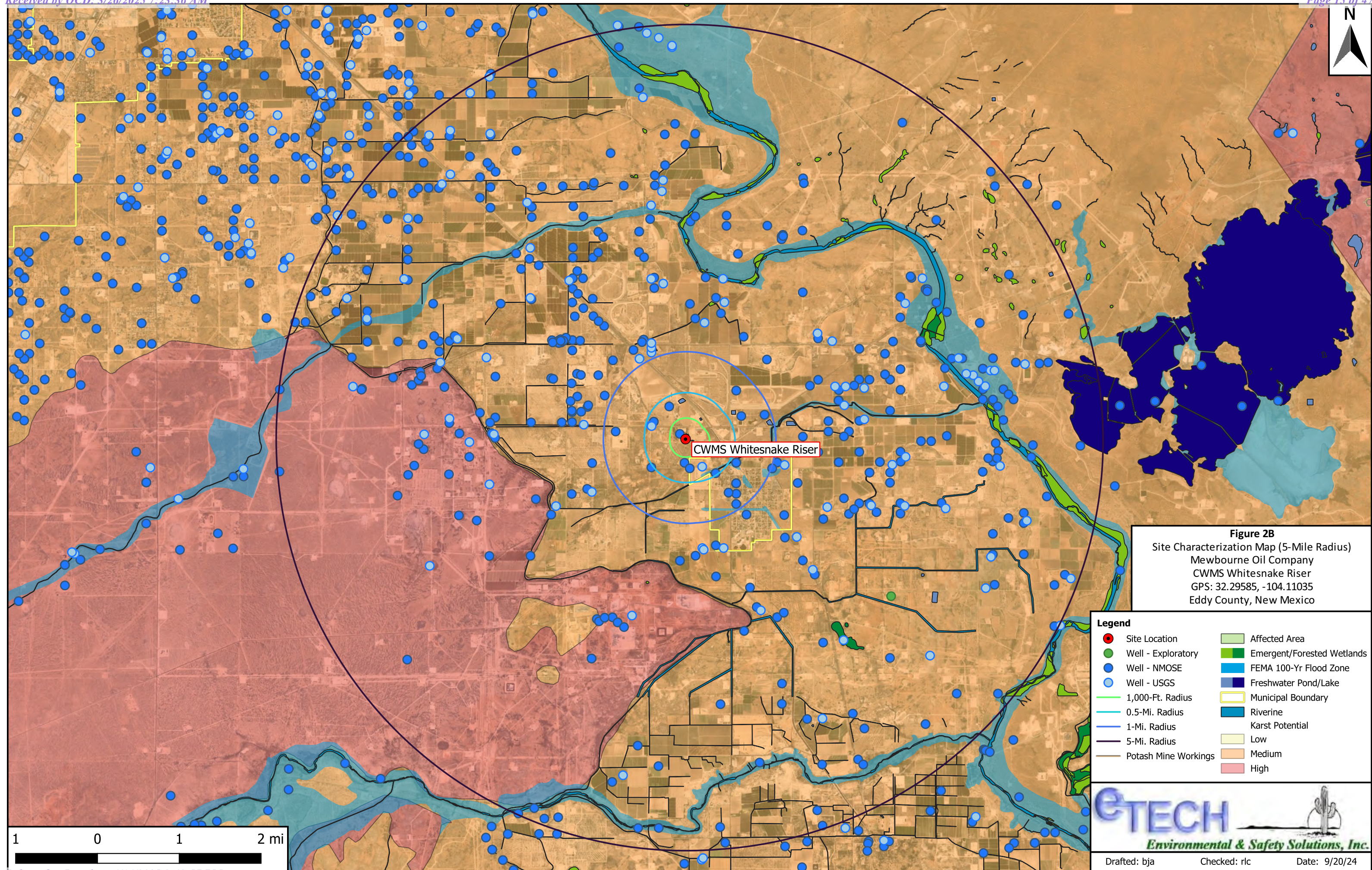


Figure 3

Sample Location Map

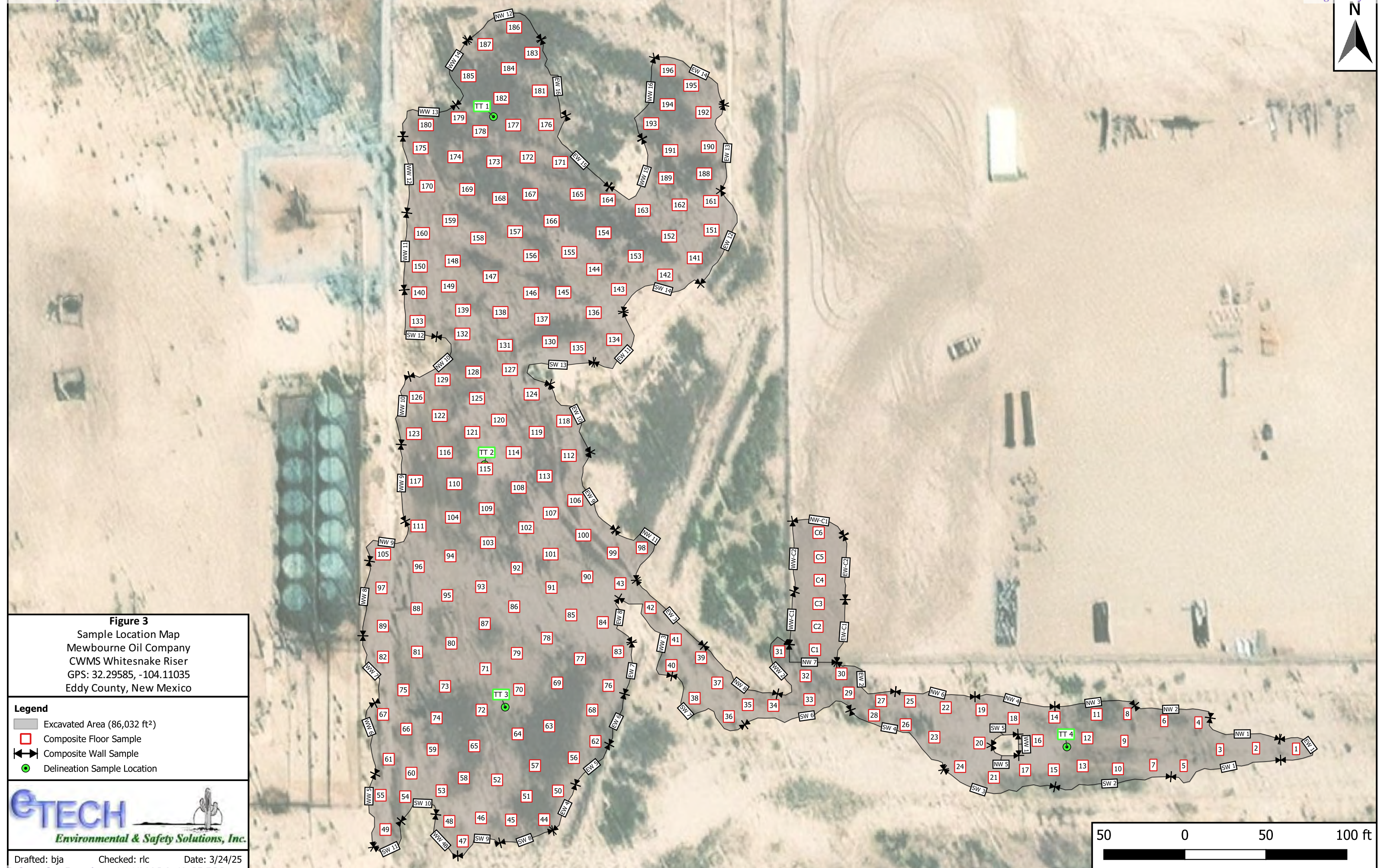


Figure 3
Sample Location Map
Mewbourne Oil Company
CWMS Whitesnake Riser
GPS: 32.29585, -104.11035
Eddy County, New Mexico

Legend

- Excavated Area (86,032 ft²)
- Composite Floor Sample
- Composite Wall Sample
- Delineation Sample Location

Drafted: bja Checked: rlc Date: 3/24/25

Table 1
Concentrations of BTEX, TPH & Chloride in Soil

Table 1 Concentrations of BTEX, TPH & Chloride in Soil Mewbourne Oil Company CWMS Whitesnake Riser NMOCD Ref. #: nAPP2422659329											
NMOCD Closure Criteria				10	50	N/A	N/A	1,000	N/A	2,500	20,000
NMOCD Reclamation Standards				10	50	N/A	N/A	N/A	N/A	100	600
Sample ID	Date	Depth (Feet)	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
Delineation Samples											
TT 1 @ 0'	8/19/2024	0	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,800
TT 1 @ 2'	8/19/2024	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,800
TT 1 @ 4'	8/19/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,400
TT 1 @ 6'	8/19/2024	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,880
TT 1 @ 8'	8/19/2024	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,920
TT 1 @ 10'	8/19/2024	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,790
TT 1 @ 12'	8/19/2024	12	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,010
TT 1 @ 14'	8/19/2024	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,170
TT 1 @ 16'	8/19/2024	16	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,040
TT 1 @ 18'	8/19/2024	18	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
TT 2 @ 0'	8/19/2024	0	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,400
TT 2 @ 2'	8/19/2024	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,200
TT 2 @ 4'	8/19/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	12,400
TT 2 @ 6'	8/19/2024	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,760
TT 2 @ 8'	8/19/2024	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,320
TT 2 @ 10'	8/19/2024	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,040
TT 2 @ 12'	8/19/2024	12	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	864
TT 2 @ 14'	8/19/2024	14	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	704
TT 2 @ 16'	8/19/2024	16	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
TT 3 @ 0'	8/19/2024	0	Excavated	<0.050	<0.300	13.4	904	917	190	1,110	46,400
TT 3 @ 2'	8/19/2024	2	Excavated	<0.050	<0.300	<10.0	12.5	12.5	30.0	42.5	6,720
TT 3 @ 4'	8/19/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,640
TT 3 @ 6'	8/19/2024	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,800
TT 3 @ 8'	8/19/2024	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,760
TT 3 @ 10'	8/19/2024	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
TT 3 @ 12'	8/19/2024	12	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	384
TT 4 @ 0'	8/19/2024	0	Excavated	<0.050	0.464	<10.0	952	952	274	1,230	71,200
TT 4 @ 2'	8/19/2024	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	10.1	10.1	6,480
TT 4 @ 4'	8/19/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	18,800
TT 4 @ 6'	8/19/2024	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	560
TT 4 @ 8'	8/19/2024	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	800
TT 4 @ 10'	8/19/2024	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	528
TT 4 @ 12'	8/19/2024	12	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	448
Excavation Samples											
FL 1 @ 1'	12/5/2024	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 2 @ 1'	12/5/2024	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 3 @ 4'	12/5/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 4 @ 4'	12/5/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 5 @ 4'	12/5/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 6 @ 4'	12/5/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 7 @ 4'	12/5/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 8 @ 4'	12/5/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 9 @ 4'	12/5/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	768
FL 10 @ 4'	12/5/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 11 @ 4'	12/5/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 12 @ 4'	12/5/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0

Dash (-): Sample not analyzed for that constituent.

Bold: NMOCD Closure Criteria exceedance.

Red: NMOCD Reclamation Standard exceedance.

Red Border with Shading: Highest observed concentration.

Table 1 Concentrations of BTEX, TPH & Chloride in Soil Mewbourne Oil Company CWMS Whitesnake Riser NMOCD Ref. #: nAPP2422659329											
NMOCD Closure Criteria				10	50	N/A	N/A	1,000	N/A	2,500	20,000
NMOCD Reclamation Standards				10	50	N/A	N/A	N/A	N/A	100	600
Sample ID	Date	Depth (Feet)	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL 13 @ 4'	12/5/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 14 @ 4'	12/5/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 15 @ 4'	12/5/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 16 @ 4'	12/5/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 17 @ 4'	12/5/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 18 @ 4'	12/5/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
FL 19 @ 4'	12/5/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 20 @ 4'	12/5/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
FL 21 @ 4'	12/5/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL 22 @ 4'	12/5/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 23 @ 4'	12/5/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	784
FL 24 @ 4'	12/5/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
FL 25 @ 4'	12/6/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 26 @ 4'	12/6/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL 27 @ 4'	12/6/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL 28 @ 4'	12/6/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 29 @ 4'	12/6/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 30 @ 4'	12/6/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL 31 @ 4'	12/6/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL 32 @ 4'	12/6/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL 33 @ 4'	12/6/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 34 @ 4'	12/6/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 35 @ 4'	12/6/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 36 @ 4'	12/6/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FL 37 @ 4'	12/6/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 38 @ 4'	12/9/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL 39 @ 4'	12/9/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,220
FL 40 @ 4'	12/9/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 41 @ 4'	12/9/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 42 @ 4'	12/9/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 43 @ 4'	12/9/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 44 @ 4'	12/9/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	592
FL 45 @ 4'	12/9/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL 46 @ 4'	12/9/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 47 @ 4'	12/9/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 48 @ 4'	12/9/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
FL 49 @ 4'	12/9/2024	4	In-Situ	<0.050	<0.300	<10.0	45.5	45.5	<10.0	45.5	48.0
FL 50 @ 4'	12/9/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 51 @ 4'	12/9/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 52 @ 4'	12/9/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 53 @ 4'	12/9/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 54 @ 4'	12/9/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 55 @ 4'	12/9/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 56 @ 4'	12/11/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 57 @ 4'	12/11/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 58 @ 4'	12/11/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0

Dash (-): Sample not analyzed for that constituent.

Bold: NMOCD Closure Criteria exceedance.

Red: NMOCD Reclamation Standard exceedance.

Red Border with Shading: Highest observed concentration.

Table 1 Concentrations of BTEX, TPH & Chloride in Soil Mewbourne Oil Company CWMS Whitesnake Riser NMOCD Ref. #: nAPP2422659329											
NMOCD Closure Criteria				10	50	N/A	N/A	1,000	N/A	2,500	20,000
NMOCD Reclamation Standards				10	50	N/A	N/A	N/A	N/A	100	600
Sample ID	Date	Depth (Feet)	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL 59 @ 4'	12/11/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	60.0
FL 60 @ 4'	12/10/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,000
FL 61 @ 4'	12/10/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,400
FL 62 @ 4'	12/10/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,800
FL 63 @ 4'	12/10/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,920
FL 64 @ 4'	12/10/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,600
FL 65 @ 4'	12/11/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	864
FL 66 @ 4'	12/11/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
FL 67 @ 4'	12/11/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL 68 @ 4'	12/11/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL 69 @ 4'	12/11/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	928
FL 70 @ 4'	12/11/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,960
FL 71 @ 4'	12/11/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 72 @ 4'	12/11/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
FL 73 @ 4'	12/11/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL 74 @ 4'	12/11/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 75 @ 4'	12/11/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 76 @ 4'	12/11/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 77 @ 4'	12/11/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 78 @ 4'	12/11/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 79 @ 4'	12/11/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 80 @ 4'	12/11/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL 81 @ 4'	12/11/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	336
FL 82 @ 4'	12/11/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 83 @ 4'	12/11/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 84 @ 4'	12/11/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 85 @ 4'	12/11/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 86 @ 4'	12/11/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 87 @ 4'	12/11/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 88 @ 4'	12/11/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 89 @ 4'	12/11/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,760
FL 90 @ 4'	12/11/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 91 @ 4'	12/11/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 92 @ 4'	12/11/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 93 @ 4'	12/11/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	640
FL 94 @ 4'	12/11/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL 95 @ 4'	12/11/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	704
FL 96 @ 4'	12/11/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 97 @ 4'	12/11/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
FL 98 @ 4'	12/12/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL 99 @ 4'	12/12/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	512
FL 100 @ 4'	12/12/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL 101 @ 4'	12/12/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL 102 @ 4'	12/12/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL 103 @ 4'	12/12/2024	4	In-Situ	<0.050	<0.300	<10.0	54.8	57.8	<10.0	54.8	128
FL 104 @ 4'	12/12/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0

Dash (-): Sample not analyzed for that constituent.

Bold: NMOCD Closure Criteria exceedance.

Red: NMOCD Reclamation Standard exceedance.

Red Border with Shading: Highest observed concentration.

Table 1 Concentrations of BTEX, TPH & Chloride in Soil Mewbourne Oil Company CWMS Whitesnake Riser NMOCD Ref. #: nAPP2422659329											
NMOCD Closure Criteria				10	50	N/A	N/A	1,000	N/A	2,500	20,000
NMOCD Reclamation Standards				10	50	N/A	N/A	N/A	N/A	100	600
Sample ID	Date	Depth (Feet)	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL 105 @ 4'	12/12/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,300
FL 106 @ 4'	12/12/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,080
FL 107 @ 4'	12/12/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL 108 @ 4'	12/12/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL 109 @ 4'	12/12/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	928
FL 110 @ 4'	12/12/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,120
FL 111 @ 4'	12/12/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL 112 @ 4'	12/12/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
FL 113 @ 4'	12/12/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	432
FL 114 @ 4'	12/12/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL 115 @ 4'	12/12/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL 116 @ 4'	12/12/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL 117 @ 4'	12/12/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL 118 @ 4'	12/12/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	896
FL 119 @ 4'	12/12/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	768
FL 120 @ 4'	12/12/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,440
FL 121 @ 4'	12/12/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	704
FL 122 @ 4'	12/12/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,560
FL 123 @ 4'	12/12/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL 124 @ 4'	12/12/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,620
FL 125 @ 4'	12/12/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,070
FL 126 @ 4'	12/12/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	336
FL 127 @ 4'	12/12/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL 128 @ 4'	12/12/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL 129 @ 4'	12/12/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL 130 @ 4'	12/12/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL 131 @ 4'	12/12/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 132 @ 4'	12/12/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	816
FL 133 @ 4'	12/12/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL 134 @ 4'	12/12/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	336
FL 135 @ 4'	12/12/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,340
FL 136 @ 4'	12/12/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	480
FL 137 @ 4'	12/12/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	944
FL 138 @ 4'	12/12/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL 139 @ 4'	12/12/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	336
FL 140 @ 4'	12/12/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
FL 141 @ 4'	12/13/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	928
FL 142 @ 4'	12/13/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	432
FL 143 @ 4'	12/13/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
FL 144 @ 4'	12/13/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
FL 145 @ 4'	12/13/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,100
FL 146 @ 4'	12/13/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
FL 147 @ 4'	12/13/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	464
FL 148 @ 4'	12/13/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	336
FL 149 @ 4'	12/13/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	720
FL 150 @ 4'	12/13/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0

Dash (-): Sample not analyzed for that constituent.

Bold: NMOCD Closure Criteria exceedance.

Red: NMOCD Reclamation Standard exceedance.

Red Border with Shading: Highest observed concentration.

Table 1
Concentrations of BTEX, TPH & Chloride in Soil
Mewbourne Oil Company
CWMS Whitesnake Riser
NMOCD Ref. #: nAPP2422659329

NMOCD Closure Criteria				10	50	N/A	N/A	1,000	N/A	2,500	20,000
NMOCD Reclamation Standards				10	50	N/A	N/A	N/A	N/A	100	600
Sample ID	Date	Depth (Feet)	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL 151 @ 4'	12/13/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,600
FL 152 @ 4'	12/13/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,800
FL 153 @ 4'	12/13/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,520
FL 154 @ 4'	12/13/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	992
FL 155 @ 4'	12/13/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FL 156 @ 4'	12/13/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,760
FL 157 @ 4'	12/13/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 158 @ 4'	12/13/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	752
FL 159 @ 4'	12/13/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	560
FL 160 @ 4'	12/13/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	368
FL 161 @ 4'	12/13/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	496
FL 162 @ 4'	12/13/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
FL 163 @ 4'	12/13/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL 164 @ 4'	12/13/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 165 @ 4'	12/13/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 166 @ 4'	12/13/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	720
FL 167 @ 4'	12/13/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FL 168 @ 4'	12/13/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,360
FL 169 @ 4'	12/13/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 170 @ 4'	12/13/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 171 @ 4'	12/13/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
FL 172 @ 4'	12/13/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,840
FL 173 @ 4'	12/13/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,660
FL 174 @ 4'	12/13/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL 175 @ 4'	12/13/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
FL 176 @ 4'	12/13/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 177 @ 4'	12/13/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	896
FL 178 @ 4'	12/13/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	608
FL 179 @ 4'	12/16/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	640
FL 180 @ 4'	12/16/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,040
FL 181 @ 4'	12/16/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	640
FL 182 @ 4'	12/16/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	656
FL 183 @ 4'	12/16/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,680
FL 184 @ 4'	12/16/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,360
FL 185 @ 4'	12/16/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,160
FL 186 @ 4'	12/16/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,140
FL 187 @ 4'	12/16/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL 188 @ 4'	12/17/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,470
FL 189 @ 4'	12/17/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,260
FL 190 @ 4'	12/17/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,000
FL 191 @ 4'	12/17/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,440
FL 192 @ 4'	12/17/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,280
FL 193 @ 4'	12/17/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
FL 194 @ 4'	12/17/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 195 @ 4'	12/17/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 196 @ 4'	12/17/2024	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
NW 1	12/5/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0

Dash (-): Sample not analyzed for that constituent.

Bold: NMOCD Closure Criteria exceedance.

Red: NMOCD Reclamation Standard exceedance.

Red Border with Shading: Highest observed concentration.

Table 1 Concentrations of BTEX, TPH & Chloride in Soil Mewbourne Oil Company CWMS Whitesnake Riser NMOCD Ref. #: nAPP2422659329											
NMOCD Closure Criteria				10	50	N/A	N/A	1,000	N/A	2,500	20,000
NMOCD Reclamation Standards				10	50	N/A	N/A	N/A	N/A	100	600
Sample ID	Date	Depth (Feet)	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
NW 2	12/5/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
NW 3	12/5/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
NW 4	12/5/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NW 5	12/9/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
NW 6	12/9/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
NW 7	12/9/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
NW 8	12/9/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
NW 9	12/16/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
NW 10	12/16/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
NW 11	12/16/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
NW 12	12/17/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
EW 1	12/5/2024	0-1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
EW 2	12/9/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
EW 3	12/9/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
EW 4	12/10/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
EW 5	12/10/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
EW 6	12/10/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
EW 7	12/11/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
EW 8	12/11/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
EW 9	12/16/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
EW 10	12/17/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
EW 11	12/17/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
EW 12	12/17/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
EW 13	12/17/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
EW 14	12/17/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
EW 15	12/17/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
EW 16	12/17/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
SW 1	12/5/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SW 2	12/5/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW 3	12/5/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SW 4	12/5/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW 5	12/9/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
SW 6	12/9/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
SW 7	12/9/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
SW 8	12/10/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW 9	12/10/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SW 10	12/10/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW 11	12/11/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
SW 12	12/16/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
SW 13	12/16/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
SW 14	12/17/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
WW 1	12/5/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
WW 2	12/9/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
WW 3	12/9/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
WW 4	12/10/2024	0-4	Excavated	<0.050	1.79	49.9	2,260	2,310	334	2,640	48.0
WW 4B	12/18/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0

Dash (-): Sample not analyzed for that constituent.

Bold: NMOCD Closure Criteria exceedance.

Red: NMOCD Reclamation Standard exceedance.

Red Border with Shading: Highest observed concentration.

Table 1 Concentrations of BTEX, TPH & Chloride in Soil Mewbourne Oil Company CWMS Whitesnake Riser NMOCD Ref. #: nAPP2422659329											
NMOCD Closure Criteria				10	50	N/A	N/A	1,000	N/A	2,500	20,000
NMOCD Reclamation Standards				10	50	N/A	N/A	N/A	N/A	100	600
Sample ID	Date	Depth (Feet)	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
WW 5	12/10/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
WW 6	12/10/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
WW 7	12/11/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
WW 8	12/11/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
WW 9	12/16/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	336
WW 10	12/16/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
WW 11	12/16/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400
WW 12	12/16/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
WW 13	12/16/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
WW 14	12/16/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	432
WW 15	12/17/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
WW 16	12/17/2024	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL-C1 @ 4'	1/9/2025	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,160
FL-C2 @ 4'	1/9/2025	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,160
FL-C3 @ 4'	1/9/2025	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	496
FL-C4 @ 4'	1/9/2025	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352
FL-C5 @ 4'	1/9/2025	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	528
FL-C6 @ 4'	1/9/2025	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,520
NW-C1	1/9/2025	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
EW-C1	1/9/2025	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
EW-C2	1/9/2025	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
WW-C1	1/9/2025	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
WW-C2	1/9/2025	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352
Backfill Sample											
Delaware Ranch Pit	8/23/2024	N/A	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144

Dash (-): Sample not analyzed for that constituent.

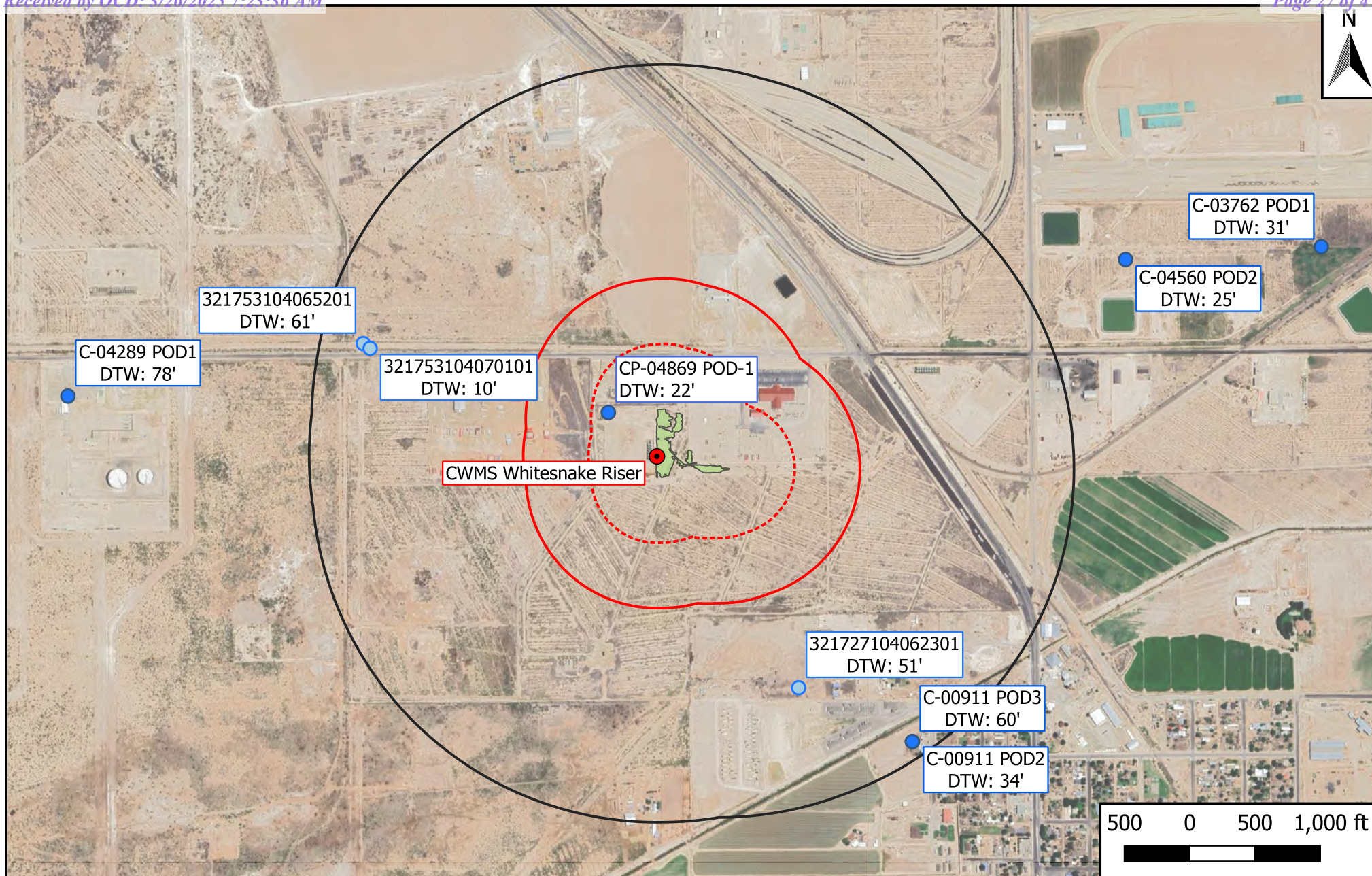
Bold: NMOCD Closure Criteria exceedance.

Red: NMOCD Reclamation Standard exceedance.

Red Border with Shading: Highest observed concentration.

Appendix A

Depth to Groundwater Information



Legend

- Site Location
- Well - Exploratory
- Well - NMOSE
- Well - USGS
- Affected Area (79,008 ft²)
- 0.5-Mile Radius
- 1,000-Foot Radius
- 500-Foot Radius

Figure 4

Inferred Depth to Groundwater Map
 Mewbourne Oil Company
 CWMS Whitesnake Riser
 GPS: 32.29585, -104.11035
 Eddy County, New Mexico



Drafted: bja

Checked: rlc

Date: 10/15/24



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW#####
in the POD
suffix indicates
the POD has
been replaced
& no longer
serves a water
right file.)
(R=POD has
been replaced,
O=orphaned,
C=the file is
closed)
(quarters are
smallest to largest)
(meters)
(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
C 00313		CUB	ED	SW	SW	SW	17	23S	28E	583136.0	3573915.0 *		712	250	75	175
C 00851		C	ED			SW	17	23S	28E	583438.0	3574217.0 *		717	200	50	150

Average Depth to Water: 62 feet

Minimum Depth: 50 feet

Maximum Depth: 75 feet

Record Count: 2

UTM Filters (in meters):

Easting: 583762.70
Northing: 3573576.66
Radius: 804.67


* UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE
quarters are smallest to largest

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
	C 00313	SW	SW	SW	17	23S	28E	583136.0	3573915.0 *	

* UTM location was derived from PLSS - see Help

Driller License:	24	Driller Company:	BRININSTOOL, M.D.		
Driller Name:	HOWARD HEMLER				
Drill Start Date:	1952-06-01	Drill Finish Date:	1952-06-01	Plug Date:	
Log File Date:	1952-07-07	PCW Rcv Date:	1953-04-20	Source:	Shallow
Pump Type:	TURBIN	Pipe Discharge Size:		Estimated Yield:	3000
Casing Size:	18.00	Depth Well:	250	Depth Water:	75

Water Bearing Stratifications:

Top	Bottom	Description
105	123	Sandstone/Gravel/Conglomerate
128	133	Sandstone/Gravel/Conglomerate
136	155	Sandstone/Gravel/Conglomerate
177	181	Sandstone/Gravel/Conglomerate
198	246	Sandstone/Gravel/Conglomerate

Casing Perforations:


Top	Bottom
92	192

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE
quarters are smallest to largest

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
	C 00851			SW	17	23S	28E	583438.0	3574217.0 *	

* UTM location was derived from PLSS - see Help

Driller License:	24	Driller Company:	BRININSTOOL, M.D.
Driller Name:	W D BRININSTOOL		
Drill Start Date:	1958-09-01	Drill Finish Date:	1958-09-01
Log File Date:	1958-09-30	PCW Rcv Date:	Source: Shallow
Pump Type:	Pipe Discharge Size:	Estimated Yield:	
Casing Size:	6.63	Depth Well:	200
		Depth Water:	50

Water Bearing Stratifications:

Top	Bottom	Description
20	30	Sandstone/Gravel/Conglomerate
97	105	Other/Unknown
107	130	Sandstone/Gravel/Conglomerate
188	200	Other/Unknown

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) Pod-1		WELL TAG ID NO.		OSE FILE NO(S). CP-04869		
	WELL OWNER NAME(S) Mewbourne Oil Co.				PHONE (OPTIONAL)		
	WELL OWNER MAILING ADDRESS 4801 Business Park Blvd.				CITY Hobbs	STATE NM	
					ZIP 88241		
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 17	SECONDS 48.42 N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84		
LONGITUDE -104 06 41.57 W							
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE SENE S-2 T19S R28E							
2. DRILLING & CASING INFORMATION	LICENSE NO. WD-1862		NAME OF LICENSED DRILLER James Hawley		NAME OF WELL DRILLING COMPANY H&R Enterprises, LLC		
	DRILLING STARTED 8/21/24	DRILLING ENDED 8/21/24	DEPTH OF COMPLETED WELL (FT) 30	BORE HOLE DEPTH (FT) 30	DEPTH WATER FIRST ENCOUNTERED (FT) 22		
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input type="checkbox"/> DRY HOLE <input checked="" type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) 22	DATE STATIC MEASURED 8/28/24	
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:						
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>	
	DEPTH (feet bgl)		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)
	FROM	TO					
				No casing left in hole			
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT	
	FROM	TO					
				N/A no casing left in hole			

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

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

[illegible]

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)	
FILE NO.	POD NO.	TRN NO.	
LOCATION	WELL TAG ID NO		PAGE 2 OF 2

Appendix B

Field Data



Sample Log

Date: _____

 Project: _____
 Project Number: _____ Latitude: _____ Longitude: _____

Sample ID	PID/Odor	Chloride Conc.	GPS
TT1 @ Sur 7.6	-	10,576	32.296584, -104.110132
TT1 @ 2 HS 7.0	-	8,332	
TT1 @ 4 HS 7.4	-	9,752	
TT1 @ 6 HS 6.0	-	5,704	
TT1 @ 8 HS 4.6	-	3,308	
TT1 @ 10 6.6	-	15,441	
TT1 @ 12 5.0	-	872	
TT1 @ 14 6.0	-	12,541	
TT1 @ 16 5.2	-	940	
TT1 @ 18 6.0	-	12,541	
TT2 @ Sur HS 7.2	-	9,008	32.296159, -104.110266
TT2 @ 2 HS 7.0	-	8,332	
TT2 @ 4 HS 7.0	-	8,332	
TT2 @ 6 HS 5.4	-	4,540	
TT2 @ 8 HS 4.0	-	2,564	
TT2 @ 10 HS 4.8	-	3,588	
TT2 @ 12 5.0	-	872	
TT2 @ 14 4.4	-	684	
TT2 @ 16 3.8	-	520	
TT3 @ Sur HS 9.2	-	25,768	32.295738, -104.110651
TT3 @ 2 HS 6.4	-	7,652	
TT3 @ 4 HS 6.0	-	5,704	
TT3 @ 6 HS 4.0	-	2,564	
TT3 @ 8 7.0	-	1,800	
TT3 @ 10 6.0	-	12,541	
TT3 @ 12 5.4	-	1,028	
TT3 @ 14 5.8	-	1,188	
TT3 @ 16 4.8	-	752	
TT3 @ 18 4.4	-	692	
TT3 @ 20 3.0	-	316	
TT4 @ Sur HS 9.2	-	25,768	32.295576, -104.108981
TT4 @ 2 HS 6.4	-	7,652	
TT4 @ 4 HS 8.0	-	14,768	
TT4 @ 6 6.4	-	15,688	
TT4 @ 8 6.8	-	16,808	
TT4 @ 10 4.4	-	692	

Sample Point = SP #1 @ ## etc

Test Trench = TT #1 @ ##

Resamples = SP #1 @ 5b or SW #1b

Floor = FL #1 etc

Refusal = SP #1 @ 4'-R

Stockpile = Stockpile #1

Sidewall = SW #1 etc

Soil Intended to be Deferred = SP #1 @ 4' In-Situ

GPS Sample Points, Center of Comp Areas



Project: _____
 Project Number: _____ Latitude: _____ Longitude: _____

GPS Sample Points, Center of Comp Areas



Sample Log

Date:

12-05-24

Project: Whitesnake 20/21 W2BC Fee #1H Battery

Project Number:

20910

Latitude:

32.296191

Longitude:

-104.11026

Sample ID	PID/Odor	Chloride Conc.	GPS
FL 1 e 1	3.2	392	
FL 2 e 1	3.6	480	
FL 3 e 4	3.6	480	
FL 4 e 4	4.0	580	
FL 5 e 4	5.0	884	
FL 6 e 4	4.8	816	
FL 7 e 4	3.0	352	
FL 8 e 4	3.2	392	
FL 9 e 4	6.4	1464	
FL 10 e 4	5.2	952	
FL 11 e 4	4.8	816	
FL 12 e 4	5.0	884	
FL 13 e 4	4.8	816	
FL 14 e 4	2.0	192	
FL 15 e 4	2.0	192	
FL 16 e 4	5.0	884	
FL 17 e 4	4.0	580	
FL 18 e 4	6.4	1464	
FL 19 e 4	5.2	952	
FL 20 e 4	4.8	816	
FL 21 e 4	4.8	816	
FL 22 e 4	5.0	884	
FL 23 e 4	4.8	816	
FL 24 e 4	4.4	692	
SW 1	3.2	392	
SW 2	3.4	436	
SW 3	3.8	528	
NW 1	3.4	436	
NW 2	3.4	436	
NW 3	3.6	480	
EW 1	2.8	316	
WW 1	3.0	352	
NW 4	3.0	352	
SW 4	3.6	436	

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

Soil Intended to be Deferred = SP #1 @ 4' In-Situ

Resamples = SP #1 @ 5b or SW #1b

Stockpile = Stockpile #1

GPS Sample Points, Center of Comp Areas



Sample Log

Date: _____

Project: Whitesnake 20/21 W2BC Fee #1H Battery

Project Number: 20910 Latitude: 32.296191 Longitude: -104.11026

Sample ID	PID/Odor	Chloride Conc.	GPS
FL 2504	2.0	192	
FL 2604	2.0	192	
FL 2704	1.4	124	
FL 2804	1.4	124	
FL 2904	3.0	352	
FL 3004	3.0	352	
FL 3104	2.0	352	
FL 3204	2.4	252	
FL 3304	1.4	124	
FL 3404	1.6	144	
FL 3504	2.0	352	
FL 3604	1.6	144	
FL 3704	2.0	192	
NW5	2.0	192	
NW6	2.2	220	
SW5	3.0	352	
SW6	3.2	392	
NW8	3.4	436	
NW7	2.2	220	
SW7	2.6	284	
EW2	3.0	352	
EW3	3.4	436	
WN2	3.6	352	
WN3	3.0	352	
FL 3804	2.4	252	
FL 3904	5.6	1104	
FL 4004	1.4	124	
FL 4104	1.4	124	
FL 4204	1.4	124	
FL 4304	1.4	124	
FL 4404	3.0	352	
FL 4504	3.2	392	
FL 4604	2.0	192	
FL 4704	2.8	316	
FL 4804	2.8	316	
FL 4904	1.4	124	

Sample Point = SP #1 @ ## etc

Test Trench = TT #1 @ ##

Resamples = SP #1 @ 5b or SW #1b

Floor = FL #1 etc

Refusal = SP #1 @ 4'-R

Stockpile = Stockpile #1

Sidewall = SW #1 etc

Soil Intended to be Deferred = SP #1 @ 4' In-Situ

GPS Sample Points, Center of Comp Areas



Sample Log

Date: 11/10/2000

Project: Whitesnake 20/21 W2BC Fee #1H Battery

Project Number: 20910 Latitude: 32.296191 Longitude: -104.11026

Sample ID	PID/Odor	Chloride Conc.	GPS
FL 50 @ 4	3.2	396	
FL 51 @ 4	2.0	192	
FL 52 @ 4	2.0	192	
FL 53 @ 4	1.6	144	
FL 54 @ 4	2.0	192	
FL 55 @ 4	1.8	168	
EW4	2.4	252	
WW4	1.8	168	
WW5	1.4	124	
SW8	1.4	124	
SW9	1.4	124	
SW10	1.4	124	
EW5	2.0	192	
EW6	1.4	124	
WW6	2.4	252	
FL 59 @ 4 HS	6.0	6016	
FL 60 @ 4	8.0	2584	
FL 61 @ 4 HS	6.4	7064	
FL 62 @ 4	5.4	1028	
FL 63 @ 4	7.0	1800	
FL 64 @ 4	7.0	1800	
FL 56 @ 4	2.0	192	
FL 57 @ 4	3.0	352	
FL 58 @ 4	3.0	352	
SW10	2.0	192	
FL 65 @ 4	7.0	352	
FL 66 @ 4	2.0	192	
FL 67 @ 4	2.0	192	
FL 68 @ 4	2.0	192	
FL 69 @ 4	6.0	1276	
FL 70 @ 4 HS	6.0	1276	
FL 71 @ 4	1.4	124	
FL 72 @ 4	3.6	480	
FL 73 @ 4	2.0	192	
FL 74 @ 4	1.4	124	
FL 75 @ 4	2.0	192	

Sample Point = SP #1 @ ## etc

Test Trench = TT #1 @ ##

Resamples = SP #1 @ 5b or SW #1b

Floor = FL #1 etc

Refusal = SP #1 @ 4'-R

Stockpile = Stockpile #1

Sidewall = SW #1 etc

Soil Intended to be Deferred = SP #1 @ 4' In-Situ

GPS Sample Points, Center of Comp Areas



Sample Log

Date: _____

Project: Whitesnake 20/21 W2BC Fee #1H Battery

Project Number: 20910 Latitude: 32.296191 Longitude: -104.11026

Sample ID	PID/Odor	Chloride Conc.	GPS
FL 76 @ 4'	1.4	—	124
FL 77 @ 4'	1.4	—	124
FL 78 @ 4'	1.4	—	124
FL 79 @ 4'	1.4	—	124
FL 80 @ 4'	1.6	—	144
FL 81 @ 4'	3.0	—	352
FL 82 @ 4'	2.0	—	192
FL 83 @ 4'	1.4	—	124
FL 84 @ 4'	1.4	—	124
FL 85 @ 4'	1.4	—	124
FL 86 @ 4'	1.4	—	124
FL 87 @ 4'	2.0	—	192
FL 88 @ 4'	1.6	—	144
FL 89 @ 4'	7.2	—	1936
EW7	1.4	—	124
EW8	1.4	—	124
WW7	1.6	—	144
WW8	1.6	—	144
FL90 @ 4'	1.4	—	124
FL91 @ 4'	1.4	—	124
FL92 @ 4'	1.8	—	168
FL93 @ 4'	4.0	—	580
FL94 @ 4'	2.0	—	192
FL95 @ 4'	5.6	—	1104
FL96 @ 4'	1.4	—	124
FL97 @ 4'	3.0	—	352
FL98 @ 4'	1.6	—	144
FL99 @ 4'	3.6	—	480
FL100 @ 4'	5.2	—	952
FL101 @ 4'	2.6	—	284
FL102 @ 4'	1.6	—	144
FL103 @ 4'	2.0	—	192
FL104 @ 4'	6.8	—	1680
FL105 @ 4'	1.4	—	124

Sample Point = SP #1 @ ## etc

Test Trench = TT #1 @ ##

Resamples = SP #1 @ 5b or SW #1b

Floor = FL #1 etc

Refusal = SP #1 @ 4'-R

Stockpile = Stockpile #1

Sidewall = SW #1 etc

Soil Intended to be Deferred = SP #1 @ 4' In-Situ

GPS Sample Points, Center of Comp Areas

↑

204

12-12-24



Sample Log

Date: _____

Project: Whitesnake 20/21 W2BC Fee #1H Battery

Project Number: 20910 Latitude: 32.296191 Longitude: -104.11026

207 12/12/21

Sample ID	PID/Odor	Chloride Conc.	GPS
FL 106 @ 4' H 5.8	—	555.6	
FL 107 @ 4' 1.6	—	164	
FL 108 @ 4' 1.6	—	164	
FL 109 @ 4' 3.6	—	536	
FL 110 @ 4' 5.4	—	1128	
FL 111 @ 4' 1.4	—	140	
FL 112 @ 4' 2.0	—	220	
FL 113 @ 4' 3.8	—	396	
FL 114 @ 4' 2.0	—	220	
FL 115 @ 4' 2.0	—	220	
FL 116 @ 4' 2.0	—	220	
FL 117 @ 4' 3.0	—	396	
FL 118 @ 4' 5.4	—	1128	
FL 119 @ 4' 4.6	—	828	
FL 120 @ 4' H 6.0	—	6016	
FL 121 @ 4' 5.6	—	1212	
FL 122 @ 4' H 4.4	—	3180	
FL 123 @ 4' 2.2	—	248	
FL 124 @ 4' 6.0	—	1346	
FL 125 @ 4' 5.4	—	1128	
FL 126 @ 4' 2.8	—	356	
FL 127 @ 4' 2.4	—	284	
FL 128 @ 4' 2.0	—	220	
FL 129 @ 4' 2.0	—	220	
FL 130 @ 4' 2.4	—	284	
FL 131 @ 4' 3.0	—	396	
FL 132 @ 4' 4.8	—	900	
FL 133 @ 4' 2.0	—	220	
FL 134 @ 4' 3.0	—	396	
FL 135 @ 4' 4.6	—	828	
FL 136 @ 4' 5.2	—	1048	
FL 137 @ 4' 4.0	—	646	
FL 138 @ 4' 2.0	—	220	
FL 139 @ 4' 3.0	—	396	
FL 140 @ 4' 5.0	—	972	

Sample Point = SP #1 @ ## etc

Test Trench = TT #1 @ ##

Resamples = SP #1 @ 5b or SW #1b

Floor = FL #1 etc

Refusal = SP #1 @ 4'-R

Stockpile = Stockpile #1

Sidewall = SW #1 etc

Soil Intended to be Deferred = SP #1 @ 4' In-Situ

GPS Sample Points, Center of Comp Areas



Sample Log

Date: _____

Project: Whitesnake 20/21 W2BC Fee #1H Battery

Project Number: 20910

Latitude: 32.296191

Longitude: -104.11026

207 12-13-24

Sample ID	PID/Odor	Chloride Conc.	GPS
FL 141 @ 4'	4.8	900	
FL 142 @ 4'	4.2	700	
FL 143 @ 4'	2.0	220	
FL 144 @ 4'	2.6	316	
FL 145 @ 4'	7.4	2256	
FL 146 @ 4'	2.0	220	
FL 147 @ 4'	3.8	588	
FL 148 @ 4'	3.2	440	
FL 149 @ 4'	4.0	640	
FL 150 @ 4'	1.4	140	
FL 151 @ 4' H	4.0	2188	
FL 152 @ 4' H	6.4	7064	
FL 153 @ 4' H	4.6	3448	
FL 154 @ 4'	2.0	220	
FL 155 @ 4'	2.0	220	
FL 156 @ 4'	6.8	1836	
FL 157 @ 4'	1.8	188	
FL 158 @ 4'	4.6	828	
FL 159 @ 4'	1.8	188	
FL 160 @ 4'	4.6	828	
FL 161 @ 4'	4.2	700	
FL 162 @ 4'	3.4	484	
FL 163 @ 4'	1.4	140	
FL 164 @ 4'	1.8	188	
FL 165 @ 4'	1.4	140	
FL 166 @ 4'	4.0	640	
FL 167 @ 4'	1.4	140	
FL 168 @ 4'	6.0	1396	
FL 169 @ 4'	1.4	140	
FL 170 @ 4'	1.4	140	
FL 171 @ 4'	1.8	188	
FL 172 @ 4' H	6.0	6016	
FL 173 @ 4'	6.0	1396	

Sample Point = SP #1 @ ## etc

Test Trench = TT #1 @ ##

Resamples = SP #1 @ 5b or SW #1b

Floor = FL #1 etc

Refusal = SP #1 @ 4'-R

Stockpile = Stockpile #1

Sidewall = SW #1 etc

Soil Intended to be Deferred = SP #1 @ 4' In-Situ

GPS Sample Points, Center of Comp Areas



Sample Log

Date: _____

Project: Whitesnake 20/21 W2BC Fee #1H Battery

Project Number: 20910 Latitude: 32.296191 Longitude: -104.11026

Sample ID	PID/Odor	Chloride Conc.	GPS
FL 174 @4'	2.0	220	
FL 175 @4'	2.0	220	
FL 176 @4'	1.4	140	
FL 177 @4'	4.2	700	
FL 178 @4'	4.0	640	
FL 179 @4'	3.6	536	
FL 180 @4'	3.2	440	
FL 181 @4'	3.4	484	
FL 182 @4'	5.0	972	
FL 183 @4'	2.4	356	
FL 184 @4'	7.0	1764	
FL 185 @4'	7.4	2256	
FL 186 @4'	2.6	316	
FL 187 @4'	3.0	396	
WW9	3.0	396	
WW10	3.2	440	
NW9	1.6	164	
EW9	1.8	188	
NW10	3.0	396	
NW11	3.2	440	
SW12	1.4	140	
SW13	1.4	140	
WW11	3.0	396	
WW12	3.8	588	
WW13	2.2	440	
WW14	3.0	396	
FL 188 @4'	5.8	1300	
FL 189 @4' H	5.2	1048	
FL 190 @4'	7.6	2420	
FL 191 @4'	7.6	2420	
FL 192 @4' H	5.4	1128	
FL 193 @4'	3.0	396	
FL 194 @4'	1.4	140	
FL 195 @4'	1.4	140	
FL 196 @4'	1.4	140	

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

Soil Intended to be Deferred = SP #1 @ 4' In-Situ

Resamples = SP #1 @ 5b or SW #1b

Stockpile = Stockpile #1

GPS Sample Points, Center of Comp Areas



Sample Log

Date: _____

Project: White Snake

Project Number: _____ Latitude: _____ Longitude: _____

[illegible]

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

Soil Intended to be Deferred = SP #1 @ 4' In-Situ

Resamples= SP #1 @ 5b or SW #1b

Stockpile = Stockpile #1

GPS Sample Points, Center of Comp Areas



C = Conoco yard

Sample Log

Date:

19-25

Project:

Project Number:

Latitude:

Longitude:

[illegible]

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

Soil Intended to be Deferred = SP #1 @ 4' In-Situ

Resamples= SP #1 @ 5b or SW #1b

Stockpile = Stockpile #1

GPS Sample Points, Center of Comp Areas

Appendix C

Photographic Log


Photographic Log

Photo Number: 1	
Photo Direction: West	
Coordinates: 32.296138,-104.108792	
Date Taken: 7/30/2024	
Photo Description: Aerial view of the affected area.	

Photo Number: 2	
Photo Direction: East	
Coordinates: 32.296134,-104.111033	
Date Taken: 7/30/2024	
Photo Description: Aerial view of the affected area.	

Photographic Log

Photo Number: 3	
Photo Direction: East	
Photo Description: View of the affected area	

Photo Number: 4	
Photo Direction: North	
Photo Description: View of the affected area	

Photographic Log



Photo Number: 7	 <p>30Jul24 10:28 MOC Whitesnake 20/21 W2BC Fee #1H Battery Loving NM 88256, United States © 30-Jul-24 10:28:11</p>
Photo Direction: West	
Photo Description: View of the affected area	

Photo Number: 8	 <p>30Jul24 10:29 MOC Whitesnake 20/21 W2BC Fee #1H Battery Loving NM 88256, United States © 30-Jul-24 10:29:56</p>
Photo Direction: South-Southwest	
Photo Description: View of the affected area	

Photographic Log



Photo Number: 9	 <p>30Jul24 10:30 MOC Whitesnake 20/21 W2BC Fee #1H Battery Loving NM 88256, United States © 30-Jul-24 10:30:34</p>
Photo Direction: South	
Photo Description: View of the affected area	

Photo Number: 10	 <p>30Jul24 10:31 MOC Whitesnake 20/21 W2BC Fee #1H Battery Loving NM 88256, United States © 30-Jul-24 10:31:53</p>
Photo Direction: Southeast	
Photo Description: View of the affected area	

Photographic Log

Photo Number: 11	
Photo Direction: West-Northwest	
Photo Description: View of the affected area	

Photo Number: 12	
Photo Direction: West	
Photo Description: View of the affected area	

Photographic Log


Photo Number: 13	 <p>Oct 15, 2024 at 2:31:22 PM +32.296861, -104.110326 ±5.00m</p>
Photo Direction: South	
Photo Description: View of the excavated area.	

Photo Number: 14	 <p>Oct 15, 2024 at 2:32:07 PM +32.296818, -104.109892 ±5.00m</p>
Photo Direction: South	
Photo Description: View of the excavated area.	

Photographic Log

Photo Number: 15	 <p>Oct 15, 2024 at 2:35:07 PM +32.295342,-104.110261 ±30.00m</p>
Photo Direction: North	
Photo Description: View of the excavated area.	

Photo Number: 16	 <p>Oct 15, 2024 at 2:35:44 PM +32.295599,-104.109740 ±5.00m</p>
Photo Direction: Northwest	
Photo Description: View of the excavated area.	

Photographic Log

Photo Number: 17	 <p>Oct 15, 2024 at 2:35:49 PM +32.295599,-104.109740 ±5.00m</p>
Photo Direction: East-Northeast	
Photo Description: View of the excavated area.	

Photo Number: 18	 <p>Oct 15, 2024 at 2:36:50 PM +32.295584,-104.108563 ±5.00m</p>
Photo Direction: West-Northwest	
Photo Description: View of the excavated area.	

Photographic Log


Photo Number: 19	
Photo Direction: South-Southwest	
Photo Description: View of the excavated area.	

Photo Number: 20	
Photo Direction: West	
Photo Description: View of the excavated area.	

Photographic Log

Photo Number: 21	
Photo Direction: West	
Photo Description: View of the excavated area.	

Photo Number: 22	
Photo Direction: Northwest	
Photo Description: View of the excavated area.	

Photographic Log

Photo Number: 23	
Photo Direction: South	
Photo Description: View of the excavated area.	


Photo Number: 24	
Photo Direction: East	
Photo Description: View of the remediated area following backfill and regrading.	

Photographic Log



Photographic Log

Photo Number: 27	 <p>1/28/25, 10:06 AM +32.295487,-104.109742 ±4.83m 21° N Eddy County</p>
Photo Direction: North-Northeast	
Photo Description: View of the remediated area following backfill and regrading.	

Photo Number: 28	 <p>1/28/25, 10:06 AM +32.295487,-104.109742 ±4.83m 56° NE Eddy County</p>
Photo Direction: Northeast	
Photo Description: View of the remediated area following backfill and regrading.	

Appendix D

Laboratory Analytical Reports (Soil)



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

August 23, 2024

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: WHITESNAKE 20/21 W2BC FEE #1H BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 08/22/24 14:57.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Mike Snyder". The signature is fluid and cursive, with the first name "Mike" and last name "Snyder" clearly distinguishable.

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	08/22/2024	Sampling Date:	08/19/2024
Reported:	08/23/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE -32.296191-104.11026		

Sample ID: TT 1 @ 0' (H245127-01)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2024	ND	2.06	103	2.00	4.67		
Toluene*	<0.050	0.050	08/22/2024	ND	1.98	98.8	2.00	4.43		
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.01	101	2.00	4.40		
Total Xylenes*	<0.150	0.150	08/22/2024	ND	5.95	99.1	6.00	4.31		
Total BTEX	<0.300	0.300	08/22/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	10800	16.0	08/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	210	105	200	2.27	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	206	103	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 84.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.9 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	08/22/2024	Sampling Date:	08/19/2024
Reported:	08/23/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE -32.296191-104.11026		

Sample ID: TT 1 @ 2' (H245127-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2024	ND	2.06	103	2.00	4.67		
Toluene*	<0.050	0.050	08/22/2024	ND	1.98	98.8	2.00	4.43		
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.01	101	2.00	4.40		
Total Xylenes*	<0.150	0.150	08/22/2024	ND	5.95	99.1	6.00	4.31		
Total BTEX	<0.300	0.300	08/22/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	10800	16.0	08/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	210	105	200	2.27	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	206	103	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 90.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	08/22/2024	Sampling Date:	08/19/2024
Reported:	08/23/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE -32.296191-104.11026		

Sample ID: TT 1 @ 4' (H245127-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2024	ND	2.06	103	2.00	4.67		
Toluene*	<0.050	0.050	08/22/2024	ND	1.98	98.8	2.00	4.43		
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.01	101	2.00	4.40		
Total Xylenes*	<0.150	0.150	08/22/2024	ND	5.95	99.1	6.00	4.31		
Total BTEX	<0.300	0.300	08/22/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8400	16.0	08/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	210	105	200	2.27	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	206	103	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 86.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	08/22/2024	Sampling Date:	08/19/2024
Reported:	08/23/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE -32.296191-104.11026		

Sample ID: TT 1 @ 6' (H245127-04)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2024	ND	2.06	103	2.00	4.67		
Toluene*	<0.050	0.050	08/22/2024	ND	1.98	98.8	2.00	4.43		
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.01	101	2.00	4.40		
Total Xylenes*	<0.150	0.150	08/22/2024	ND	5.95	99.1	6.00	4.31		
Total BTEX	<0.300	0.300	08/22/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6880	16.0	08/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	210	105	200	2.27	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	206	103	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 87.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	08/22/2024	Sampling Date:	08/19/2024
Reported:	08/23/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE -32.296191-104.11026		

Sample ID: TT 1 @ 8' (H245127-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2024	ND	2.06	103	2.00	4.67		
Toluene*	<0.050	0.050	08/22/2024	ND	1.98	98.8	2.00	4.43		
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.01	101	2.00	4.40		
Total Xylenes*	<0.150	0.150	08/22/2024	ND	5.95	99.1	6.00	4.31		
Total BTEX	<0.300	0.300	08/22/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3920	16.0	08/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	210	105	200	2.27	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	206	103	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 86.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 08/22/2024
 Reported: 08/23/2024
 Project Name: WHITESNAKE 20/21 W2BC FEE #1H BAT
 Project Number: 20910
 Project Location: MEWBOURNE -32.296191-104.11026

Sampling Date: 08/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: TT 1 @ 10' (H245127-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2024	ND	2.06	103	2.00	4.67		
Toluene*	<0.050	0.050	08/22/2024	ND	1.98	98.8	2.00	4.43		
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.01	101	2.00	4.40		
Total Xylenes*	<0.150	0.150	08/22/2024	ND	5.95	99.1	6.00	4.31		
Total BTEX	<0.300	0.300	08/22/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1790	16.0	08/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	210	105	200	2.27	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	206	103	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 87.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 08/22/2024
 Reported: 08/23/2024
 Project Name: WHITESNAKE 20/21 W2BC FEE #1H BAT
 Project Number: 20910
 Project Location: MEWBOURNE -32.296191-104.11026

Sampling Date: 08/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: TT 1 @ 12' (H245127-07)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2024	ND	2.06	103	2.00	4.67		
Toluene*	<0.050	0.050	08/22/2024	ND	1.98	98.8	2.00	4.43		
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.01	101	2.00	4.40		
Total Xylenes*	<0.150	0.150	08/22/2024	ND	5.95	99.1	6.00	4.31		
Total BTEX	<0.300	0.300	08/22/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1010	16.0	08/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	210	105	200	2.27	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	206	103	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 89.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	08/22/2024	Sampling Date:	08/19/2024
Reported:	08/23/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE -32.296191-104.11026		

Sample ID: TT 2 @ 0' (H245127-08)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2024	ND	2.06	103	2.00	4.67		
Toluene*	<0.050	0.050	08/22/2024	ND	1.98	98.8	2.00	4.43		
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.01	101	2.00	4.40		
Total Xylenes*	<0.150	0.150	08/22/2024	ND	5.95	99.1	6.00	4.31		
Total BTEX	<0.300	0.300	08/22/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	10400	16.0	08/23/2024	ND	432	108	400	3.64	QM-07	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	210	105	200	2.27	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	206	103	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 78.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.4 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 08/22/2024
 Reported: 08/23/2024
 Project Name: WHITESNAKE 20/21 W2BC FEE #1H BAT
 Project Number: 20910
 Project Location: MEWBOURNE -32.296191-104.11026

Sampling Date: 08/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: TT 2 @ 2' (H245127-09)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2024	ND	2.06	103	2.00	4.67	
Toluene*	<0.050	0.050	08/22/2024	ND	1.98	98.8	2.00	4.43	
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.01	101	2.00	4.40	
Total Xylenes*	<0.150	0.150	08/22/2024	ND	5.95	99.1	6.00	4.31	
Total BTEX	<0.300	0.300	08/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10200	16.0	08/23/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	210	105	200	2.27	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	206	103	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 88.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	08/22/2024	Sampling Date:	08/19/2024
Reported:	08/23/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE -32.296191-104.11026		

Sample ID: TT 2 @ 4' (H245127-10)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2024	ND	2.06	103	2.00	4.67		
Toluene*	<0.050	0.050	08/22/2024	ND	1.98	98.8	2.00	4.43		
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.01	101	2.00	4.40		
Total Xylenes*	<0.150	0.150	08/22/2024	ND	5.95	99.1	6.00	4.31		
Total BTEX	<0.300	0.300	08/22/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	12400	16.0	08/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	210	105	200	2.27	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	206	103	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 86.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	08/22/2024	Sampling Date:	08/19/2024
Reported:	08/23/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE -32.296191-104.11026		

Sample ID: TT 2 @ 6' (H245127-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2024	ND	2.06	103	2.00	4.67		
Toluene*	<0.050	0.050	08/22/2024	ND	1.98	98.8	2.00	4.43		
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.01	101	2.00	4.40		
Total Xylenes*	<0.150	0.150	08/22/2024	ND	5.95	99.1	6.00	4.31		
Total BTEX	<0.300	0.300	08/22/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4760	16.0	08/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2024	ND	210	105	200	2.27	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	206	103	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 88.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	08/22/2024	Sampling Date:	08/19/2024
Reported:	08/23/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE -32.296191-104.11026		

Sample ID: TT 2 @ 8' (H245127-12)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2024	ND	2.06	103	2.00	4.67		
Toluene*	<0.050	0.050	08/22/2024	ND	1.98	98.8	2.00	4.43		
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.01	101	2.00	4.40		
Total Xylenes*	<0.150	0.150	08/22/2024	ND	5.95	99.1	6.00	4.31		
Total BTEX	<0.300	0.300	08/22/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2320	16.0	08/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2024	ND	210	105	200	2.27	
DRO >C10-C28*	<10.0	10.0	08/23/2024	ND	206	103	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	08/23/2024	ND					

Surrogate: 1-Chlorooctane 87.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	08/22/2024	Sampling Date:	08/19/2024
Reported:	08/23/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE -32.296191-104.11026		

Sample ID: TT 2 @ 10' (H245127-13)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2024	ND	2.06	103	2.00	4.67		
Toluene*	<0.050	0.050	08/22/2024	ND	1.98	98.8	2.00	4.43		
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.01	101	2.00	4.40		
Total Xylenes*	<0.150	0.150	08/22/2024	ND	5.95	99.1	6.00	4.31		
Total BTEX	<0.300	0.300	08/22/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5040	16.0	08/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2024	ND	210	105	200	2.27	
DRO >C10-C28*	<10.0	10.0	08/23/2024	ND	206	103	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	08/23/2024	ND					

Surrogate: 1-Chlorooctane 83.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.5 % 49.1-148

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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 08/22/2024
 Reported: 08/23/2024
 Project Name: WHITESNAKE 20/21 W2BC FEE #1H BAT
 Project Number: 20910
 Project Location: MEWBOURNE -32.296191-104.11026

Sampling Date: 08/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: TT 2 @ 12' (H245127-14)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2024	ND	2.06	103	2.00	4.67		
Toluene*	<0.050	0.050	08/22/2024	ND	1.98	98.8	2.00	4.43		
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.01	101	2.00	4.40		
Total Xylenes*	<0.150	0.150	08/22/2024	ND	5.95	99.1	6.00	4.31		
Total BTEX	<0.300	0.300	08/22/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	864	16.0	08/23/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2024	ND	210	105	200	2.27	
DRO >C10-C28*	<10.0	10.0	08/23/2024	ND	206	103	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	08/23/2024	ND					

Surrogate: 1-Chlorooctane 88.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	08/22/2024	Sampling Date:	08/19/2024
Reported:	08/23/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE -32.296191-104.11026		

Sample ID: TT 3 @ 0' (H245127-15)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2024	ND	2.06	103	2.00	4.67		
Toluene*	<0.050	0.050	08/22/2024	ND	1.98	98.8	2.00	4.43	GC-NC	
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.01	101	2.00	4.40	GC-NC	
Total Xylenes*	0.283	0.150	08/22/2024	ND	5.95	99.1	6.00	4.31		
Total BTEX	<0.300	0.300	08/22/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	46400	16.0	08/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	13.4	10.0	08/23/2024	ND	210	105	200	2.27	
DRO >C10-C28*	904	10.0	08/23/2024	ND	206	103	200	3.87	
EXT DRO >C28-C36	190	10.0	08/23/2024	ND					

Surrogate: 1-Chlorooctane 83.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	08/22/2024	Sampling Date:	08/19/2024
Reported:	08/23/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE -32.296191-104.11026		

Sample ID: TT 3 @ 2' (H245127-16)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2024	ND	2.06	103	2.00	4.67		
Toluene*	<0.050	0.050	08/22/2024	ND	1.98	98.8	2.00	4.43		
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.01	101	2.00	4.40		
Total Xylenes*	<0.150	0.150	08/22/2024	ND	5.95	99.1	6.00	4.31		
Total BTEX	<0.300	0.300	08/22/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6720	16.0	08/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2024	ND	210	105	200	2.27	
DRO >C10-C28*	12.5	10.0	08/23/2024	ND	206	103	200	3.87	
EXT DRO >C28-C36	30.0	10.0	08/23/2024	ND					

Surrogate: 1-Chlorooctane 86.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	08/22/2024	Sampling Date:	08/19/2024
Reported:	08/23/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE -32.296191-104.11026		

Sample ID: TT 3 @ 4' (H245127-17)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2024	ND	2.06	103	2.00	4.67		
Toluene*	<0.050	0.050	08/22/2024	ND	1.98	98.8	2.00	4.43		
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.01	101	2.00	4.40		
Total Xylenes*	<0.150	0.150	08/22/2024	ND	5.95	99.1	6.00	4.31		
Total BTEX	<0.300	0.300	08/22/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4640	16.0	08/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2024	ND	210	105	200	2.27	
DRO >C10-C28*	<10.0	10.0	08/23/2024	ND	206	103	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	08/23/2024	ND					

Surrogate: 1-Chlorooctane 83.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.5 % 49.1-148

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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	08/22/2024	Sampling Date:	08/19/2024
Reported:	08/23/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE -32.296191-104.11026		

Sample ID: TT 3 @ 6' (H245127-18)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2024	ND	2.06	103	2.00	4.67		
Toluene*	<0.050	0.050	08/22/2024	ND	1.98	98.8	2.00	4.43		
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.01	101	2.00	4.40		
Total Xylenes*	<0.150	0.150	08/22/2024	ND	5.95	99.1	6.00	4.31		
Total BTEX	<0.300	0.300	08/22/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2800	16.0	08/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2024	ND	210	105	200	2.27	
DRO >C10-C28*	<10.0	10.0	08/23/2024	ND	206	103	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	08/23/2024	ND					

Surrogate: 1-Chlorooctane 88.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	08/22/2024	Sampling Date:	08/19/2024
Reported:	08/23/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE -32.296191-104.11026		

Sample ID: TT 3 @ 8' (H245127-19)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2024	ND	2.06	103	2.00	4.67		
Toluene*	<0.050	0.050	08/22/2024	ND	1.98	98.8	2.00	4.43		
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.01	101	2.00	4.40		
Total Xylenes*	<0.150	0.150	08/22/2024	ND	5.95	99.1	6.00	4.31		
Total BTEX	<0.300	0.300	08/22/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3760	16.0	08/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2024	ND	210	105	200	2.27	
DRO >C10-C28*	<10.0	10.0	08/23/2024	ND	206	103	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	08/23/2024	ND					

Surrogate: 1-Chlorooctane 85.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	08/22/2024	Sampling Date:	08/19/2024
Reported:	08/23/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE -32.296191-104.11026		

Sample ID: TT 3 @ 10' (H245127-20)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2024	ND	2.06	103	2.00	4.67		
Toluene*	<0.050	0.050	08/22/2024	ND	1.98	98.8	2.00	4.43		
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.01	101	2.00	4.40		
Total Xylenes*	<0.150	0.150	08/22/2024	ND	5.95	99.1	6.00	4.31		
Total BTEX	<0.300	0.300	08/22/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	08/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2024	ND	210	105	200	2.27	
DRO >C10-C28*	<10.0	10.0	08/23/2024	ND	206	103	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	08/23/2024	ND					

Surrogate: 1-Chlorooctane 93.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	08/22/2024	Sampling Date:	08/19/2024
Reported:	08/23/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE -32.296191-104.11026		

Sample ID: TT 3 @ 12' (H245127-21)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2024	ND	2.30	115	2.00	3.23		
Toluene*	<0.050	0.050	08/22/2024	ND	2.31	115	2.00	3.21		
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.36	118	2.00	2.66		
Total Xylenes*	<0.150	0.150	08/22/2024	ND	7.03	117	6.00	2.47		
Total BTEX	<0.300	0.300	08/22/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	08/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2024	ND	197	98.6	200	0.426	
DRO >C10-C28*	<10.0	10.0	08/23/2024	ND	198	98.9	200	2.27	
EXT DRO >C28-C36	<10.0	10.0	08/23/2024	ND					

Surrogate: 1-Chlorooctane 93.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	08/22/2024	Sampling Date:	08/19/2024
Reported:	08/23/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE -32.296191-104.11026		

Sample ID: TT 4 @ 0' (H245127-22)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2024	ND	2.30	115	2.00	3.23		
Toluene*	<0.050	0.050	08/22/2024	ND	2.31	115	2.00	3.21		
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.36	118	2.00	2.66		
Total Xylenes*	0.406	0.150	08/22/2024	ND	7.03	117	6.00	2.47	GC-NC1	
Total BTEX	0.464	0.300	08/22/2024	ND					GC-NC1	

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	71200	16.0	08/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2024	ND	197	98.6	200	0.426	
DRO >C10-C28*	952	10.0	08/23/2024	ND	198	98.9	200	2.27	
EXT DRO >C28-C36	274	10.0	08/23/2024	ND					

Surrogate: 1-Chlorooctane 86.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	08/22/2024	Sampling Date:	08/19/2024
Reported:	08/23/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE -32.296191-104.11026		

Sample ID: TT 4 @ 2' (H245127-23)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2024	ND	2.30	115	2.00	3.23		
Toluene*	<0.050	0.050	08/22/2024	ND	2.31	115	2.00	3.21		
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.36	118	2.00	2.66		
Total Xylenes*	<0.150	0.150	08/22/2024	ND	7.03	117	6.00	2.47		
Total BTEX	<0.300	0.300	08/22/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 123 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6480	16.0	08/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2024	ND	197	98.6	200	0.426	
DRO >C10-C28*	<10.0	10.0	08/23/2024	ND	198	98.9	200	2.27	
EXT DRO >C28-C36	10.1	10.0	08/23/2024	ND					

Surrogate: 1-Chlorooctane 82.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	08/22/2024	Sampling Date:	08/19/2024
Reported:	08/23/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE -32.296191-104.11026		

Sample ID: TT 4 @ 4' (H245127-24)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2024	ND	2.30	115	2.00	3.23		
Toluene*	<0.050	0.050	08/22/2024	ND	2.31	115	2.00	3.21		
Ethylbenzene*	<0.050	0.050	08/22/2024	ND	2.36	118	2.00	2.66		
Total Xylenes*	<0.150	0.150	08/22/2024	ND	7.03	117	6.00	2.47		
Total BTEX	<0.300	0.300	08/22/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	18800	16.0	08/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2024	ND	197	98.6	200	0.426	
DRO >C10-C28*	<10.0	10.0	08/23/2024	ND	198	98.9	200	2.27	
EXT DRO >C28-C36	<10.0	10.0	08/23/2024	ND					

Surrogate: 1-Chlorooctane 94.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	08/22/2024	Sampling Date:	08/19/2024
Reported:	08/23/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE -32.296191-104.11026		

Sample ID: TT 4 @ 6' (H245127-25)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/23/2024	ND	2.30	115	2.00	3.23		
Toluene*	<0.050	0.050	08/23/2024	ND	2.31	115	2.00	3.21		
Ethylbenzene*	<0.050	0.050	08/23/2024	ND	2.36	118	2.00	2.66		
Total Xylenes*	<0.150	0.150	08/23/2024	ND	7.03	117	6.00	2.47		
Total BTEX	<0.300	0.300	08/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	560	16.0	08/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2024	ND	197	98.6	200	0.426	
DRO >C10-C28*	<10.0	10.0	08/23/2024	ND	198	98.9	200	2.27	
EXT DRO >C28-C36	<10.0	10.0	08/23/2024	ND					

Surrogate: 1-Chlorooctane 86.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	08/22/2024	Sampling Date:	08/19/2024
Reported:	08/23/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE -32.296191-104.11026		

Sample ID: TT 4 @ 8' (H245127-26)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/23/2024	ND	2.30	115	2.00	3.23		
Toluene*	<0.050	0.050	08/23/2024	ND	2.31	115	2.00	3.21		
Ethylbenzene*	<0.050	0.050	08/23/2024	ND	2.36	118	2.00	2.66		
Total Xylenes*	<0.150	0.150	08/23/2024	ND	7.03	117	6.00	2.47		
Total BTEX	<0.300	0.300	08/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	800	16.0	08/23/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/23/2024	ND	197	98.6	200	0.426		
DRO >C10-C28*	<10.0	10.0	08/23/2024	ND	198	98.9	200	2.27		
EXT DRO >C28-C36	<10.0	10.0	08/23/2024	ND						

Surrogate: 1-Chlorooctane 88.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	08/22/2024	Sampling Date:	08/19/2024
Reported:	08/23/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE -32.296191-104.11026		

Sample ID: TT 4 @ 10' (H245127-27)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/23/2024	ND	2.30	115	2.00	3.23		
Toluene*	<0.050	0.050	08/23/2024	ND	2.31	115	2.00	3.21		
Ethylbenzene*	<0.050	0.050	08/23/2024	ND	2.36	118	2.00	2.66		
Total Xylenes*	<0.150	0.150	08/23/2024	ND	7.03	117	6.00	2.47		
Total BTEX	<0.300	0.300	08/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	08/23/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2024	ND	197	98.6	200	0.426	
DRO >C10-C28*	<10.0	10.0	08/23/2024	ND	198	98.9	200	2.27	
EXT DRO >C28-C36	<10.0	10.0	08/23/2024	ND					

Surrogate: 1-Chlorooctane 88.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	08/22/2024	Sampling Date:	08/19/2024
Reported:	08/23/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE -32.296191-104.11026		

Sample ID: TT 4 @ 12' (H245127-28)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/23/2024	ND	2.30	115	2.00	3.23		
Toluene*	<0.050	0.050	08/23/2024	ND	2.31	115	2.00	3.21		
Ethylbenzene*	<0.050	0.050	08/23/2024	ND	2.36	118	2.00	2.66		
Total Xylenes*	<0.150	0.150	08/23/2024	ND	7.03	117	6.00	2.47		
Total BTEX	<0.300	0.300	08/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	448	16.0	08/23/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2024	ND	197	98.6	200	0.426	
DRO >C10-C28*	<10.0	10.0	08/23/2024	ND	198	98.9	200	2.27	
EXT DRO >C28-C36	<10.0	10.0	08/23/2024	ND					

Surrogate: 1-Chlorooctane 97.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
GC-NC	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Mike Snyder".

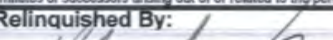
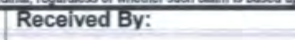

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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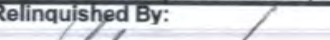
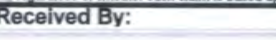

Relinquished By: 		Date: 8-22-24		Received By: 		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
		Time: 1457				All Results are emailed. Please provide Email address: pm@etechenv.com	
Relinquished By:		Date:		Received By:		REMARKS:	
		Time:				RUSH SAMPLES - 24 H	
Delivered By: (Circle One)		Observed Temp. °C: -1.2°C		Sample Condition		CHECKED BY: (Initials)	
Sampler - UPS - Bus - Other:		Corrected Temp. °C: -1.8°C		Cool <input type="checkbox"/> Yes <input type="checkbox"/> No Intact <input type="checkbox"/> Yes <input type="checkbox"/> No			
						Turnaround Time: Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/>	
						Thermometer ID #140 Correction Factor -0.6°C	
						Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No Corrected Temp. °C	

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

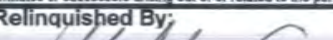
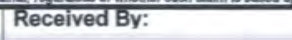

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Relinquished By: 		Date: 8-22-24		Received By: 		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Time: 1457						All Results are emailed. Please provide Email address: pm@etechenv.com	
Relinquished By:		Date:		Received By:		REMARKS:	
Time:						RUSH SAMPLES - 24 H	
Delivered By: (Circle One)		Observed Temp. °C -1.2°C		Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: (Initials) 	
Sampler - UPS - Bus - Other:		Corrected Temp. °C -1.8°C		<input type="checkbox"/> Yes <input type="checkbox"/> No		Turnaround Time: Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/>	
						Thermometer ID #140 Correction Factor -0.6°C	
						Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No Corrected Temp. °C	

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[illegible]

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Relinquished By: 		Date: 8-22-24		Received By: 		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:	
Time: 1457						All Results are emailed. Please provide Email address: pm@etechenv.com	
Relinquished By:		Date:		Received By:		REMARKS:	
		Time:				RUSH SAMPLES - 24 H	
Delivered By: (Circle One)		Observed Temp. °C		Sample Condition		CHECKED BY:	
Sampler - UPS - Bus - Other:		-1.2°C		Cool Intact		(Initials)	
		Corrected Temp. °C		<input type="checkbox"/> Yes <input type="checkbox"/> No			
		-1.8°C		<input type="checkbox"/> Yes <input type="checkbox"/> No		Turnaround Time: Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/>	
						Thermometer ID #140 Correction Factor -0.6°C	
						Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No Corrected Temp. °C	



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

August 27, 2024

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: WHITESNAKE 20/21 W2BC FEE #1H BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 08/26/24 14:51.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	08/26/2024	Sampling Date:	08/19/2024
Reported:	08/27/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: TT 1@14' (H245176-01)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2024	ND	1.96	98.0	2.00	5.24		
Toluene*	<0.050	0.050	08/26/2024	ND	1.91	95.4	2.00	5.14		
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	1.92	96.1	2.00	4.58		
Total Xylenes*	<0.150	0.150	08/26/2024	ND	5.70	95.0	6.00	4.63		
Total BTX	<0.300	0.300	08/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1170	16.0	08/27/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	199	99.6	200	2.18	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	207	104	200	1.07	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 89.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	08/26/2024	Sampling Date:	08/19/2024
Reported:	08/27/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: TT 2@14' (H245176-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2024	ND	1.96	98.0	2.00	5.24		
Toluene*	<0.050	0.050	08/26/2024	ND	1.91	95.4	2.00	5.14		
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	1.92	96.1	2.00	4.58		
Total Xylenes*	<0.150	0.150	08/26/2024	ND	5.70	95.0	6.00	4.63		
Total BTEX	<0.300	0.300	08/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	704	16.0	08/27/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	199	99.6	200	2.18	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	207	104	200	1.07	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane 94.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.




Celey D. Keene, Lab Director/Quality Manager

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

Page 1 of 1

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Relinquished By: 		Date: 8-26-24		Received By: 		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
		Time: 1451				All Results are emailed. Please provide Email address: pm@etechenv.com	
Relinquished By:		Date:		Received By:		REMARKS:	
		Time:				RUSH SAMPLES - 24 HOUR	
Delivered By: (Circle One)		Observed Temp. °C -6.8		Sample Condition		Turnaround Time: Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/>	
Sampler - UPS - Bus - Other:		Corrected Temp. °C -7.4		Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No		Bacteria (only) Sample Condition	
				CHECKED BY: (Initials) 		Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No	
						Thermometer ID #140 Correction Factor -0.6°C	
						Observed Temp. °C Corrected Temp. °C	



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

August 30, 2024

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: WHITESNAKE 20/21 W2BC FEE #1H BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 08/26/24 14:51.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	08/26/2024	Sampling Date:	08/23/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: DELAWARE RANCH PIT SAMPLE (H245178-01)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/27/2024	ND	2.01	100	2.00	8.22		
Toluene*	<0.050	0.050	08/27/2024	ND	2.04	102	2.00	7.61		
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.09	104	2.00	7.14		
Total Xylenes*	<0.150	0.150	08/27/2024	ND	6.35	106	6.00	7.35		
Total BTX	<0.300	0.300	08/27/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	08/27/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	188	94.0	200	3.41	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	199	99.4	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS of EQ

Page 4 of 4

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

[illegible]

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Released to Imaging: 6/16/2025 2:49:57 PM



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

August 28, 2024

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: WHITESNAKE 20/21 W2BC FEE #1H BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 08/27/24 14:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	08/27/2024	Sampling Date:	08/19/2024
Reported:	08/28/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: TT 1 @ 16' (H245212-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	1.98	98.9	2.00	5.95	
Toluene*	<0.050	0.050	08/27/2024	ND	2.02	101	2.00	7.32	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.02	101	2.00	7.90	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	6.16	103	6.00	7.39	
Total BTX	<0.300	0.300	08/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1040	16.0	08/28/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	209	104	200	3.87	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	216	108	200	5.63	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	08/27/2024	Sampling Date:	08/19/2024
Reported:	08/28/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: TT 2 @ 16' (H245212-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/27/2024	ND	1.98	98.9	2.00	5.95		
Toluene*	<0.050	0.050	08/27/2024	ND	2.02	101	2.00	7.32		
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.02	101	2.00	7.90		
Total Xylenes*	<0.150	0.150	08/27/2024	ND	6.16	103	6.00	7.39		
Total BTEX	<0.300	0.300	08/27/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	08/28/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	209	104	200	3.87	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	216	108	200	5.63	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

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

Notes and Definitions

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

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*=Accredited Analyte

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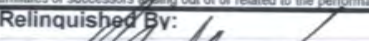
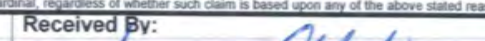

A handwritten signature in cursive script, appearing to read "Celey D. Keene", written in black ink.

Celey D. Keene, Lab Director/Quality Manager

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

[illegible]

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Relinquished By: 		Date: 8-27-24		Received By: 		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
		Time: 1455				All Results are emailed. Please provide Email address: pm@etechenv.com	
Relinquished By:		Date:		Received By:		REMARKS:	
		Time:				RUSH SAMPLES - 24 HOUR	
Delivered By: (Circle One)		Observed Temp. °C = 3.8		Sample Condition Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: (Initials) 	
Sampler - UPS - Bus - Other:		Corrected Temp. °C = -4.4				Turnaround Time: Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/>	
						Thermometer ID #140 Correction Factor -0.6°C	
						Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No Corrected Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No	



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

August 29, 2024

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: WHITESNAKE 20/21 W2BC FEE #1H BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 08/28/24 14:48.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	08/28/2024	Sampling Date:	08/19/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: TT 1@18' (H245242-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	ND	2.19	110	2.00	2.05	
Toluene*	<0.050	0.050	08/28/2024	ND	2.24	112	2.00	0.850	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	2.28	114	2.00	0.786	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.80	113	6.00	0.630	
Total BTX	<0.300	0.300	08/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	08/29/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2024	ND	217	108	200	1.10	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	219	110	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND					

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Page 4 of 4

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST											
Project Manager: Lance Crenshaw				P.O. #:				<div style="display: flex; justify-content: space-around;"> <div>Chloride</div> <div>TPH (8015M)</div> <div>BTEX (8021B)</div> </div>											
Address: 2617 West Marland				Company: Mewbourne															
City: Hobbs State: NM Zip: 88240				Attn: Connor Walker															
Phone #: (575) 264-9884 Fax #:				Address:															
Project #: 20910 Project Owner: Mewbourne				City:															
Project Name: Whitesnake 20/21 W2BC Fee #1H Battery				State: Zip:															
Project Location: 32.296191, -104.11026				Phone #:															
Sampler Name: Dominic Casarez				Fax #:															
FOR LAB USE ONLY		Lab I.D.		Sample I.D.		(G/RAB OR (C)OMP.		# CONTAINERS		MATRIX				PRESERV.		SAMPLING			
										GROUNDWATER									
										WASTEWATER									
										SOIL									
										OIL									
										SLUDGE									
										OTHER:									
										ACID/BASE:									
										ICE / COOL									
										OTHER:									
										DATE				TIME					
H245242		1		TT 1 @ 18'		G		1		X				X		8/19/24			

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Relinquished By:		Date: 08-28-24		Received By:		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Time: 1448						All Results are emailed. Please provide Email address: pm@etechenv.com	
Relinquished By:		Date:		Received By:		REMARKS:	
						RUSH SAMPLES - 24 HOUR	
Delivered By: (Circle One)		Observed Temp. °C		Sample Condition		CHECKED BY: (Initials)	
Sampler - UPS - Bus - Other:		Corrected Temp. °C		Cool Intact		Turnaround Time: Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/>	
		-0.8°C		<input type="checkbox"/> Yes <input type="checkbox"/> No		Thermometer ID #140	
		-7.4°C		<input type="checkbox"/> No <input type="checkbox"/> No		Correction Factor -0.6°C	
						Bacteria (only) Sample Condition	
						Cool Intact Observed Temp. °C	
						<input type="checkbox"/> Yes <input type="checkbox"/> No	
						Corrected Temp. °C	

FORM-006 R 3.5 08/05/24

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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

December 12, 2024

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: WHITESNAKE 20/21 W2BC FEE #1H BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 12/06/24 8:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/06/2024	Sampling Date:	12/05/2024
Reported:	12/12/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 1@1' (H247419-01)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/06/2024	ND	2.00	99.8	2.00	2.40		
Toluene*	<0.050	0.050	12/06/2024	ND	2.02	101	2.00	2.22		
Ethylbenzene*	<0.050	0.050	12/06/2024	ND	2.04	102	2.00	2.36		
Total Xylenes*	<0.150	0.150	12/06/2024	ND	6.12	102	6.00	2.03		
Total BTEx	<0.300	0.300	12/06/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/09/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2024	ND	230	115	200	1.96	
DRO >C10-C28*	<10.0	10.0	12/06/2024	ND	206	103	200	3.64	
EXT DRO >C28-C36	<10.0	10.0	12/06/2024	ND					

Surrogate: 1-Chlorooctane 85.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.1 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/06/2024	Sampling Date:	12/05/2024
Reported:	12/12/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 2@1' (H247419-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/06/2024	ND	2.00	99.8	2.00	2.40		
Toluene*	<0.050	0.050	12/06/2024	ND	2.02	101	2.00	2.22		
Ethylbenzene*	<0.050	0.050	12/06/2024	ND	2.04	102	2.00	2.36		
Total Xylenes*	<0.150	0.150	12/06/2024	ND	6.12	102	6.00	2.03		
Total BTEX	<0.300	0.300	12/06/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/09/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2024	ND	230	115	200	1.96	
DRO >C10-C28*	<10.0	10.0	12/06/2024	ND	206	103	200	3.64	
EXT DRO >C28-C36	<10.0	10.0	12/06/2024	ND					

Surrogate: 1-Chlorooctane 72.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.7 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/06/2024
 Reported: 12/12/2024
 Project Name: WHITESNAKE 20/21 W2BC FEE #1H BAT
 Project Number: 20910
 Project Location: MEWBOURNE 32.296191-104.11026

Sampling Date: 12/05/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 3@4' (H247419-03)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/06/2024	ND	2.00	99.8	2.00	2.40	
Toluene*	<0.050	0.050	12/06/2024	ND	2.02	101	2.00	2.22	
Ethylbenzene*	<0.050	0.050	12/06/2024	ND	2.04	102	2.00	2.36	
Total Xylenes*	<0.150	0.150	12/06/2024	ND	6.12	102	6.00	2.03	
Total BTEX	<0.300	0.300	12/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/09/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2024	ND	211	106	200	3.09	
DRO >C10-C28*	<10.0	10.0	12/06/2024	ND	214	107	200	3.76	
EXT DRO >C28-C36	<10.0	10.0	12/06/2024	ND					

Surrogate: 1-Chlorooctane 91.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/06/2024	Sampling Date:	12/05/2024
Reported:	12/12/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 4@4' (H247419-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/06/2024	ND	2.00	99.8	2.00	2.40		
Toluene*	<0.050	0.050	12/06/2024	ND	2.02	101	2.00	2.22		
Ethylbenzene*	<0.050	0.050	12/06/2024	ND	2.04	102	2.00	2.36		
Total Xylenes*	<0.150	0.150	12/06/2024	ND	6.12	102	6.00	2.03		
Total BTEx	<0.300	0.300	12/06/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/09/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2024	ND	211	106	200	3.09	
DRO >C10-C28*	<10.0	10.0	12/06/2024	ND	214	107	200	3.76	
EXT DRO >C28-C36	<10.0	10.0	12/06/2024	ND					

Surrogate: 1-Chlorooctane 80.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.3 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/06/2024	Sampling Date:	12/05/2024
Reported:	12/12/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 5@4' (H247419-05)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/06/2024	ND	2.00	99.8	2.00	2.40		
Toluene*	<0.050	0.050	12/06/2024	ND	2.02	101	2.00	2.22		
Ethylbenzene*	<0.050	0.050	12/06/2024	ND	2.04	102	2.00	2.36		
Total Xylenes*	<0.150	0.150	12/06/2024	ND	6.12	102	6.00	2.03		
Total BTEX	<0.300	0.300	12/06/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	12/09/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2024	ND	211	106	200	3.09	
DRO >C10-C28*	<10.0	10.0	12/06/2024	ND	214	107	200	3.76	
EXT DRO >C28-C36	<10.0	10.0	12/06/2024	ND					

Surrogate: 1-Chlorooctane 92.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/06/2024	Sampling Date:	12/05/2024
Reported:	12/12/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 6@4' (H247419-06)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/06/2024	ND	2.00	99.8	2.00	2.40	
Toluene*	<0.050	0.050	12/06/2024	ND	2.02	101	2.00	2.22	
Ethylbenzene*	<0.050	0.050	12/06/2024	ND	2.04	102	2.00	2.36	
Total Xylenes*	<0.150	0.150	12/06/2024	ND	6.12	102	6.00	2.03	
Total BTEX	<0.300	0.300	12/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/09/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2024	ND	211	106	200	3.09	
DRO >C10-C28*	<10.0	10.0	12/06/2024	ND	214	107	200	3.76	
EXT DRO >C28-C36	<10.0	10.0	12/06/2024	ND					

Surrogate: 1-Chlorooctane 84.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/06/2024	Sampling Date:	12/05/2024
Reported:	12/12/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 7@4' (H247419-07)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/06/2024	ND	2.00	99.8	2.00	2.40		
Toluene*	<0.050	0.050	12/06/2024	ND	2.02	101	2.00	2.22		
Ethylbenzene*	<0.050	0.050	12/06/2024	ND	2.04	102	2.00	2.36		
Total Xylenes*	<0.150	0.150	12/06/2024	ND	6.12	102	6.00	2.03		
Total BTEX	<0.300	0.300	12/06/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/09/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2024	ND	211	106	200	3.09	
DRO >C10-C28*	<10.0	10.0	12/06/2024	ND	214	107	200	3.76	
EXT DRO >C28-C36	<10.0	10.0	12/06/2024	ND					

Surrogate: 1-Chlorooctane 90.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.1 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/06/2024	Sampling Date:	12/05/2024
Reported:	12/12/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 8@4' (H247419-08)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/07/2024	ND	2.17	109	2.00	7.11	
Toluene*	<0.050	0.050	12/07/2024	ND	2.23	112	2.00	4.53	
Ethylbenzene*	<0.050	0.050	12/07/2024	ND	2.18	109	2.00	3.61	
Total Xylenes*	<0.150	0.150	12/07/2024	ND	6.83	114	6.00	2.83	
Total BTEX	<0.300	0.300	12/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/09/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2024	ND	211	106	200	3.09	
DRO >C10-C28*	<10.0	10.0	12/06/2024	ND	214	107	200	3.76	
EXT DRO >C28-C36	<10.0	10.0	12/06/2024	ND					

Surrogate: 1-Chlorooctane 92.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/06/2024	Sampling Date:	12/05/2024
Reported:	12/12/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 9@4' (H247419-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/07/2024	ND	2.17	109	2.00	7.11		
Toluene*	<0.050	0.050	12/07/2024	ND	2.23	112	2.00	4.53		
Ethylbenzene*	<0.050	0.050	12/07/2024	ND	2.18	109	2.00	3.61		
Total Xylenes*	<0.150	0.150	12/07/2024	ND	6.83	114	6.00	2.83		
Total BTEX	<0.300	0.300	12/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	768	16.0	12/09/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2024	ND	211	106	200	3.09	
DRO >C10-C28*	<10.0	10.0	12/06/2024	ND	214	107	200	3.76	
EXT DRO >C28-C36	<10.0	10.0	12/06/2024	ND					

Surrogate: 1-Chlorooctane 91.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/06/2024	Sampling Date:	12/05/2024
Reported:	12/12/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 10@4' (H247419-10)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/07/2024	ND	2.17	109	2.00	7.11	
Toluene*	<0.050	0.050	12/07/2024	ND	2.23	112	2.00	4.53	
Ethylbenzene*	<0.050	0.050	12/07/2024	ND	2.18	109	2.00	3.61	
Total Xylenes*	<0.150	0.150	12/07/2024	ND	6.83	114	6.00	2.83	
Total BTEX	<0.300	0.300	12/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	12/09/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2024	ND	211	106	200	3.09	
DRO >C10-C28*	<10.0	10.0	12/06/2024	ND	214	107	200	3.76	
EXT DRO >C28-C36	<10.0	10.0	12/06/2024	ND					

Surrogate: 1-Chlorooctane 88.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.2 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/06/2024	Sampling Date:	12/05/2024
Reported:	12/12/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 11@4' (H247419-11)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/07/2024	ND	2.17	109	2.00	7.11		
Toluene*	<0.050	0.050	12/07/2024	ND	2.23	112	2.00	4.53		
Ethylbenzene*	<0.050	0.050	12/07/2024	ND	2.18	109	2.00	3.61		
Total Xylenes*	<0.150	0.150	12/07/2024	ND	6.83	114	6.00	2.83		
Total BTEX	<0.300	0.300	12/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/09/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2024	ND	211	106	200	3.09	
DRO >C10-C28*	<10.0	10.0	12/06/2024	ND	214	107	200	3.76	
EXT DRO >C28-C36	<10.0	10.0	12/06/2024	ND					

Surrogate: 1-Chlorooctane 82.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/06/2024	Sampling Date:	12/05/2024
Reported:	12/12/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 12@4' (H247419-12)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/07/2024	ND	2.17	109	2.00	7.11	
Toluene*	<0.050	0.050	12/07/2024	ND	2.23	112	2.00	4.53	
Ethylbenzene*	<0.050	0.050	12/07/2024	ND	2.18	109	2.00	3.61	
Total Xylenes*	<0.150	0.150	12/07/2024	ND	6.83	114	6.00	2.83	
Total BTEX	<0.300	0.300	12/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/09/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2024	ND	211	106	200	3.09	
DRO >C10-C28*	<10.0	10.0	12/06/2024	ND	214	107	200	3.76	
EXT DRO >C28-C36	<10.0	10.0	12/06/2024	ND					

Surrogate: 1-Chlorooctane 87.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/06/2024	Sampling Date:	12/05/2024
Reported:	12/12/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 13@4' (H247419-13)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/07/2024	ND	2.17	109	2.00	7.11		
Toluene*	<0.050	0.050	12/07/2024	ND	2.23	112	2.00	4.53		
Ethylbenzene*	<0.050	0.050	12/07/2024	ND	2.18	109	2.00	3.61		
Total Xylenes*	<0.150	0.150	12/07/2024	ND	6.83	114	6.00	2.83		
Total BTEX	<0.300	0.300	12/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	12/09/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2024	ND	211	106	200	3.09	
DRO >C10-C28*	<10.0	10.0	12/06/2024	ND	214	107	200	3.76	
EXT DRO >C28-C36	<10.0	10.0	12/06/2024	ND					

Surrogate: 1-Chlorooctane 94.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/06/2024	Sampling Date:	12/05/2024
Reported:	12/12/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 14@4' (H247419-14)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/07/2024	ND	2.17	109	2.00	7.11		
Toluene*	<0.050	0.050	12/07/2024	ND	2.23	112	2.00	4.53		
Ethylbenzene*	<0.050	0.050	12/07/2024	ND	2.18	109	2.00	3.61		
Total Xylenes*	<0.150	0.150	12/07/2024	ND	6.83	114	6.00	2.83		
Total BTEX	<0.300	0.300	12/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/09/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2024	ND	211	106	200	3.09	
DRO >C10-C28*	<10.0	10.0	12/06/2024	ND	214	107	200	3.76	
EXT DRO >C28-C36	<10.0	10.0	12/06/2024	ND					

Surrogate: 1-Chlorooctane 85.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/06/2024	Sampling Date:	12/05/2024
Reported:	12/12/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 15@4' (H247419-15)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/07/2024	ND	2.17	109	2.00	7.11		
Toluene*	<0.050	0.050	12/07/2024	ND	2.23	112	2.00	4.53		
Ethylbenzene*	<0.050	0.050	12/07/2024	ND	2.18	109	2.00	3.61		
Total Xylenes*	<0.150	0.150	12/07/2024	ND	6.83	114	6.00	2.83		
Total BTEX	<0.300	0.300	12/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	12/09/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2024	ND	211	106	200	3.09	
DRO >C10-C28*	<10.0	10.0	12/06/2024	ND	214	107	200	3.76	
EXT DRO >C28-C36	<10.0	10.0	12/06/2024	ND					

Surrogate: 1-Chlorooctane 94.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/06/2024	Sampling Date:	12/05/2024
Reported:	12/12/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 16@4' (H247419-16)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/07/2024	ND	2.17	109	2.00	7.11		
Toluene*	<0.050	0.050	12/07/2024	ND	2.23	112	2.00	4.53		
Ethylbenzene*	<0.050	0.050	12/07/2024	ND	2.18	109	2.00	3.61		
Total Xylenes*	<0.150	0.150	12/07/2024	ND	6.83	114	6.00	2.83		
Total BTEX	<0.300	0.300	12/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/09/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2024	ND	211	106	200	3.09	
DRO >C10-C28*	<10.0	10.0	12/06/2024	ND	214	107	200	3.76	
EXT DRO >C28-C36	<10.0	10.0	12/06/2024	ND					

Surrogate: 1-Chlorooctane 92.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/06/2024	Sampling Date:	12/05/2024
Reported:	12/12/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 17@4' (H247419-17)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/07/2024	ND	2.17	109	2.00	7.11		
Toluene*	<0.050	0.050	12/07/2024	ND	2.23	112	2.00	4.53		
Ethylbenzene*	<0.050	0.050	12/07/2024	ND	2.18	109	2.00	3.61		
Total Xylenes*	<0.150	0.150	12/07/2024	ND	6.83	114	6.00	2.83		
Total BTEX	<0.300	0.300	12/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/09/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2024	ND	211	106	200	3.09	
DRO >C10-C28*	<10.0	10.0	12/07/2024	ND	214	107	200	3.76	
EXT DRO >C28-C36	<10.0	10.0	12/07/2024	ND					

Surrogate: 1-Chlorooctane 88.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/06/2024
 Reported: 12/12/2024
 Project Name: WHITESNAKE 20/21 W2BC FEE #1H BAT
 Project Number: 20910
 Project Location: MEWBOURNE 32.296191-104.11026

Sampling Date: 12/05/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 18@4' (H247419-18)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/07/2024	ND	2.17	109	2.00	7.11	
Toluene*	<0.050	0.050	12/07/2024	ND	2.23	112	2.00	4.53	
Ethylbenzene*	<0.050	0.050	12/07/2024	ND	2.18	109	2.00	3.61	
Total Xylenes*	<0.150	0.150	12/07/2024	ND	6.83	114	6.00	2.83	
Total BTEX	<0.300	0.300	12/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	12/09/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2024	ND	211	106	200	3.09	
DRO >C10-C28*	<10.0	10.0	12/07/2024	ND	214	107	200	3.76	
EXT DRO >C28-C36	<10.0	10.0	12/07/2024	ND					

Surrogate: 1-Chlorooctane 90.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/06/2024	Sampling Date:	12/05/2024
Reported:	12/12/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 19@4' (H247419-19)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/07/2024	ND	2.17	109	2.00	7.11		
Toluene*	<0.050	0.050	12/07/2024	ND	2.23	112	2.00	4.53		
Ethylbenzene*	<0.050	0.050	12/07/2024	ND	2.18	109	2.00	3.61		
Total Xylenes*	<0.150	0.150	12/07/2024	ND	6.83	114	6.00	2.83		
Total BTEX	<0.300	0.300	12/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/09/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2024	ND	211	106	200	3.09	
DRO >C10-C28*	<10.0	10.0	12/07/2024	ND	214	107	200	3.76	
EXT DRO >C28-C36	<10.0	10.0	12/07/2024	ND					

Surrogate: 1-Chlorooctane 93.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/06/2024	Sampling Date:	12/05/2024
Reported:	12/12/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 20@4' (H247419-20)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/07/2024	ND	2.17	109	2.00	7.11		
Toluene*	<0.050	0.050	12/07/2024	ND	2.23	112	2.00	4.53		
Ethylbenzene*	<0.050	0.050	12/07/2024	ND	2.18	109	2.00	3.61		
Total Xylenes*	<0.150	0.150	12/07/2024	ND	6.83	114	6.00	2.83		
Total BTEX	<0.300	0.300	12/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	12/09/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2024	ND	211	106	200	3.09	
DRO >C10-C28*	<10.0	10.0	12/07/2024	ND	214	107	200	3.76	
EXT DRO >C28-C36	<10.0	10.0	12/07/2024	ND					

Surrogate: 1-Chlorooctane 95.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/06/2024	Sampling Date:	12/05/2024
Reported:	12/12/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 21@4' (H247419-21)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/07/2024	ND	2.17	109	2.00	7.11		
Toluene*	<0.050	0.050	12/07/2024	ND	2.23	112	2.00	4.53		
Ethylbenzene*	<0.050	0.050	12/07/2024	ND	2.18	109	2.00	3.61		
Total Xylenes*	<0.150	0.150	12/07/2024	ND	6.83	114	6.00	2.83		
Total BTEX	<0.300	0.300	12/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	12/09/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2024	ND	211	106	200	3.09	
DRO >C10-C28*	<10.0	10.0	12/07/2024	ND	214	107	200	3.76	
EXT DRO >C28-C36	<10.0	10.0	12/07/2024	ND					

Surrogate: 1-Chlorooctane 88.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.7 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/06/2024	Sampling Date:	12/05/2024
Reported:	12/12/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 22@4' (H247419-22)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/07/2024	ND	2.17	109	2.00	7.11		
Toluene*	<0.050	0.050	12/07/2024	ND	2.23	112	2.00	4.53		
Ethylbenzene*	<0.050	0.050	12/07/2024	ND	2.18	109	2.00	3.61		
Total Xylenes*	<0.150	0.150	12/07/2024	ND	6.83	114	6.00	2.83		
Total BTEX	<0.300	0.300	12/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	12/09/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2024	ND	211	106	200	3.09	
DRO >C10-C28*	<10.0	10.0	12/07/2024	ND	214	107	200	3.76	
EXT DRO >C28-C36	<10.0	10.0	12/07/2024	ND					

Surrogate: 1-Chlorooctane 87.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.4 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/06/2024	Sampling Date:	12/05/2024
Reported:	12/12/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 23@4' (H247419-23)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/07/2024	ND	2.17	109	2.00	7.11		
Toluene*	<0.050	0.050	12/07/2024	ND	2.23	112	2.00	4.53		
Ethylbenzene*	<0.050	0.050	12/07/2024	ND	2.18	109	2.00	3.61		
Total Xylenes*	<0.150	0.150	12/07/2024	ND	6.83	114	6.00	2.83		
Total BTEX	<0.300	0.300	12/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	784	16.0	12/09/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/09/2024	ND	215	108	200	0.109	
DRO >C10-C28*	<10.0	10.0	12/09/2024	ND	203	102	200	2.14	
EXT DRO >C28-C36	<10.0	10.0	12/09/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.0 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/06/2024	Sampling Date:	12/05/2024
Reported:	12/12/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 24@4' (H247419-24)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/07/2024	ND	2.17	109	2.00	7.11		
Toluene*	<0.050	0.050	12/07/2024	ND	2.23	112	2.00	4.53		
Ethylbenzene*	<0.050	0.050	12/07/2024	ND	2.18	109	2.00	3.61		
Total Xylenes*	<0.150	0.150	12/07/2024	ND	6.83	114	6.00	2.83		
Total BTEX	<0.300	0.300	12/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	12/09/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/09/2024	ND	215	108	200	0.109	
DRO >C10-C28*	<10.0	10.0	12/09/2024	ND	203	102	200	2.14	
EXT DRO >C28-C36	<10.0	10.0	12/09/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.2 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/06/2024	Sampling Date:	12/05/2024
Reported:	12/12/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: NW 1 (H247419-25)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/07/2024	ND	2.17	109	2.00	7.11		
Toluene*	<0.050	0.050	12/07/2024	ND	2.23	112	2.00	4.53		
Ethylbenzene*	<0.050	0.050	12/07/2024	ND	2.18	109	2.00	3.61		
Total Xylenes*	<0.150	0.150	12/07/2024	ND	6.83	114	6.00	2.83		
Total BTEX	<0.300	0.300	12/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/09/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/09/2024	ND	215	108	200	0.109	
DRO >C10-C28*	<10.0	10.0	12/09/2024	ND	203	102	200	2.14	
EXT DRO >C28-C36	<10.0	10.0	12/09/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.6 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/06/2024	Sampling Date:	12/05/2024
Reported:	12/12/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: NW 2 (H247419-26)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/07/2024	ND	2.17	109	2.00	7.11		
Toluene*	<0.050	0.050	12/07/2024	ND	2.23	112	2.00	4.53		
Ethylbenzene*	<0.050	0.050	12/07/2024	ND	2.18	109	2.00	3.61		
Total Xylenes*	<0.150	0.150	12/07/2024	ND	6.83	114	6.00	2.83		
Total BTEX	<0.300	0.300	12/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/09/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/09/2024	ND	215	108	200	0.109	
DRO >C10-C28*	<10.0	10.0	12/09/2024	ND	203	102	200	2.14	
EXT DRO >C28-C36	<10.0	10.0	12/09/2024	ND					

Surrogate: 1-Chlorooctane 94.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.7 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/06/2024	Sampling Date:	12/05/2024
Reported:	12/12/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: NW 3 (H247419-27)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/09/2024	ND	2.23	112	2.00	3.16		
Toluene*	<0.050	0.050	12/09/2024	ND	2.15	107	2.00	3.86		
Ethylbenzene*	<0.050	0.050	12/09/2024	ND	2.17	109	2.00	5.20		
Total Xylenes*	<0.150	0.150	12/09/2024	ND	6.50	108	6.00	5.38		
Total BTEx	<0.300	0.300	12/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/09/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/09/2024	ND	215	108	200	0.109	
DRO >C10-C28*	<10.0	10.0	12/09/2024	ND	203	102	200	2.14	
EXT DRO >C28-C36	<10.0	10.0	12/09/2024	ND					

Surrogate: 1-Chlorooctane 89.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.1 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/06/2024	Sampling Date:	12/05/2024
Reported:	12/12/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: NW 4 (H247419-28)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/09/2024	ND	2.18	109	2.00	4.21	
Toluene*	<0.050	0.050	12/09/2024	ND	2.22	111	2.00	2.20	
Ethylbenzene*	<0.050	0.050	12/09/2024	ND	2.14	107	2.00	1.63	
Total Xylenes*	<0.150	0.150	12/09/2024	ND	6.72	112	6.00	0.768	
Total BTEX	<0.300	0.300	12/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/09/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/09/2024	ND	215	108	200	0.109	
DRO >C10-C28*	<10.0	10.0	12/09/2024	ND	203	102	200	2.14	
EXT DRO >C28-C36	<10.0	10.0	12/09/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/06/2024	Sampling Date:	12/05/2024
Reported:	12/12/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: EW 1 (H247419-29)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/09/2024	ND	2.18	109	2.00	4.21		
Toluene*	<0.050	0.050	12/09/2024	ND	2.22	111	2.00	2.20		
Ethylbenzene*	<0.050	0.050	12/09/2024	ND	2.14	107	2.00	1.63		
Total Xylenes*	<0.150	0.150	12/09/2024	ND	6.72	112	6.00	0.768		
Total BTEX	<0.300	0.300	12/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/09/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/09/2024	ND	215	108	200	0.109	
DRO >C10-C28*	<10.0	10.0	12/09/2024	ND	203	102	200	2.14	
EXT DRO >C28-C36	<10.0	10.0	12/09/2024	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/06/2024	Sampling Date:	12/05/2024
Reported:	12/12/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: SW1 (H247419-30)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/09/2024	ND	2.18	109	2.00	4.21	
Toluene*	<0.050	0.050	12/09/2024	ND	2.22	111	2.00	2.20	
Ethylbenzene*	<0.050	0.050	12/09/2024	ND	2.14	107	2.00	1.63	
Total Xylenes*	<0.150	0.150	12/09/2024	ND	6.72	112	6.00	0.768	
Total BTEX	<0.300	0.300	12/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	12/09/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/09/2024	ND	215	108	200	0.109	
DRO >C10-C28*	<10.0	10.0	12/09/2024	ND	203	102	200	2.14	
EXT DRO >C28-C36	<10.0	10.0	12/09/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/06/2024	Sampling Date:	12/05/2024
Reported:	12/12/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: SW2 (H247419-31)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/09/2024	ND	2.18	109	2.00	4.21	
Toluene*	<0.050	0.050	12/09/2024	ND	2.22	111	2.00	2.20	
Ethylbenzene*	<0.050	0.050	12/09/2024	ND	2.14	107	2.00	1.63	
Total Xylenes*	<0.150	0.150	12/09/2024	ND	6.72	112	6.00	0.768	
Total BTEX	<0.300	0.300	12/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/09/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/09/2024	ND	215	108	200	0.109	
DRO >C10-C28*	<10.0	10.0	12/09/2024	ND	203	102	200	2.14	
EXT DRO >C28-C36	<10.0	10.0	12/09/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/06/2024	Sampling Date:	12/05/2024
Reported:	12/12/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: SW3 (H247419-32)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/09/2024	ND	2.18	109	2.00	4.21		
Toluene*	<0.050	0.050	12/09/2024	ND	2.22	111	2.00	2.20		
Ethylbenzene*	<0.050	0.050	12/09/2024	ND	2.14	107	2.00	1.63		
Total Xylenes*	<0.150	0.150	12/09/2024	ND	6.72	112	6.00	0.768		
Total BTEX	<0.300	0.300	12/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	12/09/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/09/2024	ND	215	108	200	0.109	
DRO >C10-C28*	<10.0	10.0	12/09/2024	ND	203	102	200	2.14	
EXT DRO >C28-C36	<10.0	10.0	12/09/2024	ND					

Surrogate: 1-Chlorooctane 95.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/06/2024	Sampling Date:	12/05/2024
Reported:	12/12/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: SW4 (H247419-33)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/09/2024	ND	2.18	109	2.00	4.21	
Toluene*	<0.050	0.050	12/09/2024	ND	2.22	111	2.00	2.20	
Ethylbenzene*	<0.050	0.050	12/09/2024	ND	2.14	107	2.00	1.63	
Total Xylenes*	<0.150	0.150	12/09/2024	ND	6.72	112	6.00	0.768	
Total BTEX	<0.300	0.300	12/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/09/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/09/2024	ND	215	108	200	0.109	
DRO >C10-C28*	<10.0	10.0	12/09/2024	ND	203	102	200	2.14	
EXT DRO >C28-C36	<10.0	10.0	12/09/2024	ND					

Surrogate: 1-Chlorooctane 96.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/06/2024	Sampling Date:	12/05/2024
Reported:	12/12/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: WW1 (H247419-34)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/09/2024	ND	2.18	109	2.00	4.21		
Toluene*	<0.050	0.050	12/09/2024	ND	2.22	111	2.00	2.20		
Ethylbenzene*	<0.050	0.050	12/09/2024	ND	2.14	107	2.00	1.63		
Total Xylenes*	<0.150	0.150	12/09/2024	ND	6.72	112	6.00	0.768		
Total BTEX	<0.300	0.300	12/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/09/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/09/2024	ND	215	108	200	0.109	
DRO >C10-C28*	<10.0	10.0	12/09/2024	ND	203	102	200	2.14	
EXT DRO >C28-C36	<10.0	10.0	12/09/2024	ND					

Surrogate: 1-Chlorooctane 82.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "C. D. Keene".

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Page 1 of 4

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST																																					
Project Manager: Lance Crenshaw				P.O. #:				<div style="display: flex; justify-content: space-around;"> <div>Chloride</div> <div>TPH (8015M)</div> <div>BTEX (8021B)</div> </div>																																					
Address: 2617 West Marland				Company: Mewbourne																																									
City: Hobbs		State: NM		Zip: 88240		Attn: Connor Walker																																							
Phone #: (575) 264-9884		Fax #:		Address:		City:																																							
Project #: 20910		Project Owner: Mewbourne		State:		Zip:																																							
Project Name: Whitesnake 20/21 W2BC Fee #1H Battery				Phone #:																																									
Project Location: 32.296191, -104.11026				Fax #:																																									
Sampler Name: Dominic Casarez																																													
FOR LAB USE ONLY		Lab I.D.		Sample I.D.		(GRAB OR (C)OMP. # CONTAINERS)		MATRIX		PRESERV.		SAMPLING																																	
								GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER:		ACID/BASE:		ICE / COOL		OTHER:		DATE		TIME																	
4247419																																													
1		FL 1 @ 1'		C 1		1		X								X		12/5/24																											
2		FL 2 @ 1'		C 1		1		X								X		12/5/24																											
3		FL 3 @ 4'		C 1		1		X								X		12/5/24																											
4		FL 4 @ 4'		C 1		1		X								X		12/5/24																											
5		FL 5 @ 4'		C 1		1		X								X		12/5/24																											
6		FL 6 @ 4'		C 1		1		X								X		12/5/24																											
7		FL 7 @ 4'		C 1		1		X								X		12/5/24																											
8		FL 8 @ 4'		C 1		1		X								X		12/5/24																											
9		FL 9 @ 4'		C 1		1		X								X		12/5/24																											
10		FL 10 @ 4'		C 1		1		X								X		12/5/24																											

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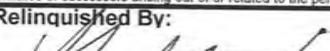
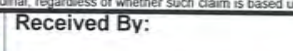
Relinquished By:		Date: 12-6-24		Received By:		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:	
Time: 0830		Time:		Time:		All Results are emailed. Please provide Email address: pm@etechenv.com			
Relinquished By:		Date:		Received By:		REMARKS:			
Time:		Time:		Time:					
Delivered By: (Circle One)		Observed Temp. °C -7.7		Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: (Initials) AP		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	
Sampler - UPS - Bus - Other:		Corrected Temp. °C -8.3		<input type="checkbox"/> Yes <input type="checkbox"/> No				Thermometer ID #140	
								Correction Factor -0.6°C	
								Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	
								Observed Temp. °C	
								Corrected Temp. °C	

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Page 2 of 4

[illegible]

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Relinquished By: 		Date: 12-6-24		Received By: 		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Time: 0830		Time:				All Results are emailed. Please provide Email address: pm@etechenv.com	
Relinquished By:		Date:		Received By:		REMARKS:	
		Time:					
Delivered By: (Circle One)		Observed Temp. °C = 7.7		Sample Condition		CHECKED BY: (Initials)	
Sampler - UPS - Bus - Other:		Corrected Temp. °C = 8.3		Cool- Intact <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	
				AP		Thermometer ID #140 Correction Factor -0.6°C	
						Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C	

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

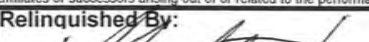
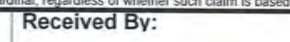
CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 3 of 4

Page 39 of 40

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Relinquished By: 		Date: 12-6-24		Time: 0830		Received By: 		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:		All Results are emailed. Please provide Email address: pm@etechnv.com	
Relinquished By:		Date:		Time:		Received By:		REMARKS:			
Delivered By: (Circle One)		Observed Temp. °C 7.7		Sample Condition Cool Intact		CHECKED BY: (Initials) AD		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>		Bacteria (only) Sample Condition Cool Intact Observed Temp. °C	
Sampler - UPS - Bus - Other:		Corrected Temp. °C 8.3		Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No				Thermometer ID #140 Correction Factor -0.6°C		Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C	



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
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Page 4 of 4

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST																																							
Project Manager: Lance Crenshaw				P.O. #:				<div style="display: flex; justify-content: space-around;"> <div>Chloride</div> <div>TPH (8015M)</div> <div>BTEX (8021B)</div> </div>																																							
Address: 2617 West Marland				Company: Mewbourne																																											
City: Hobbs State: NM Zip: 88240				Attn: Connor Walker																																											
Phone #: (575) 264-9884 Fax #:				Address:																																											
Project #: 20910 Project Owner: Mewbourne				City:																																											
Project Name: Whitesnake 20/21 W2BC Fee #1H Battery				State: Zip:																																											
Project Location: 32.296191, -104.11026				Phone #:																																											
Sampler Name: Dominic Casarez				Fax #:																																											
FOR LAB USE ONLY		Lab I.D.		Sample I.D.		(GRAB OR (COMP. # CONTAINERS		MATRIX		PRESERV.		SAMPLING																																			
								GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME																			
H241-7419		31		SW 2		C 1						X								X						12/5/24				X		X		X													
		32		SW 3		C 1						X								X						12/5/24				X		X		X													
		33		SW 4		C 1						X								X						12/5/24				X		X		X													
		34		WW 1		C 1						X								X						12/5/24				X		X		X													

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Relinquished By:		Date: 12-4-24		Received By:		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Time: 0830						All Results are emailed. Please provide Email address: pm@etechenv.com	
Relinquished By:		Date:		Received By:		REMARKS:	
Time:							
Delivered By: (Circle One)		Observed Temp. °C -7.7		Sample Condition Cool Intact		CHECKED BY: (Initials) AP	
Sampler - UPS - Bus - Other:		Corrected Temp. °C -8.3		Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	
				Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Thermometer ID #140 Correction Factor -0.6°C	
				Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Bacteria (only) Sample Condition Observed Temp. °C Corrected Temp. °C	

FORM-006 R 3.5 08/05/24

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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

December 13, 2024

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: WHITESNAKE 20/21 W2BC FEE #1H BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 12/09/24 14:51.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/09/2024	Sampling Date:	12/06/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 25 @ 4' (H247449-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/10/2024	ND	2.19	110	2.00	6.97	
Toluene*	<0.050	0.050	12/10/2024	ND	2.11	106	2.00	6.07	
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	2.14	107	2.00	5.21	
Total Xylenes*	<0.150	0.150	12/10/2024	ND	6.40	107	6.00	5.40	
Total BTX	<0.300	0.300	12/10/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/10/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	225	113	200	2.44	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	210	105	200	6.66	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/09/2024	Sampling Date:	12/06/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 26 @ 4' (H247449-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/10/2024	ND	2.19	110	2.00	6.97		
Toluene*	<0.050	0.050	12/10/2024	ND	2.11	106	2.00	6.07		
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	2.14	107	2.00	5.21		
Total Xylenes*	<0.150	0.150	12/10/2024	ND	6.40	107	6.00	5.40		
Total BTEX	<0.300	0.300	12/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	12/10/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	225	113	200	2.44	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	210	105	200	6.66	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/09/2024	Sampling Date:	12/06/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 27 @ 4' (H247449-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/10/2024	ND	2.19	110	2.00	6.97		
Toluene*	<0.050	0.050	12/10/2024	ND	2.11	106	2.00	6.07		
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	2.14	107	2.00	5.21		
Total Xylenes*	<0.150	0.150	12/10/2024	ND	6.40	107	6.00	5.40		
Total BTEX	<0.300	0.300	12/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	12/10/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	225	113	200	2.44	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	210	105	200	6.66	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane 131 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/09/2024	Sampling Date:	12/06/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 28 @ 4' (H247449-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/10/2024	ND	2.19	110	2.00	6.97		
Toluene*	<0.050	0.050	12/10/2024	ND	2.11	106	2.00	6.07		
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	2.14	107	2.00	5.21		
Total Xylenes*	<0.150	0.150	12/10/2024	ND	6.40	107	6.00	5.40		
Total BTEX	<0.300	0.300	12/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	12/10/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	225	113	200	2.44	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	210	105	200	6.66	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane 130 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/09/2024	Sampling Date:	12/06/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 29 @ 4' (H247449-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/10/2024	ND	2.19	110	2.00	6.97		
Toluene*	<0.050	0.050	12/10/2024	ND	2.11	106	2.00	6.07		
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	2.14	107	2.00	5.21		
Total Xylenes*	<0.150	0.150	12/10/2024	ND	6.40	107	6.00	5.40		
Total BTEx	<0.300	0.300	12/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	12/10/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	225	113	200	2.44	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	210	105	200	6.66	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane 130 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/09/2024	Sampling Date:	12/06/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 30 @ 4' (H247449-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/10/2024	ND	2.19	110	2.00	6.97		
Toluene*	<0.050	0.050	12/10/2024	ND	2.11	106	2.00	6.07		
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	2.14	107	2.00	5.21		
Total Xylenes*	<0.150	0.150	12/10/2024	ND	6.40	107	6.00	5.40		
Total BTEX	<0.300	0.300	12/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	12/10/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	225	113	200	2.44	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	210	105	200	6.66	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane 127 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/09/2024	Sampling Date:	12/06/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 31 @ 4' (H247449-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/10/2024	ND	2.16	108	2.00	4.07		
Toluene*	<0.050	0.050	12/10/2024	ND	2.09	104	2.00	3.47		
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	2.11	105	2.00	3.58		
Total Xylenes*	<0.150	0.150	12/10/2024	ND	6.32	105	6.00	3.76		
Total BTEX	<0.300	0.300	12/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	12/10/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	225	113	200	2.44	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	210	105	200	6.66	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane 126 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/09/2024	Sampling Date:	12/06/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 32 @ 4' (H247449-08)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/10/2024	ND	2.16	108	2.00	4.07	
Toluene*	<0.050	0.050	12/10/2024	ND	2.09	104	2.00	3.47	
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	2.11	105	2.00	3.58	
Total Xylenes*	<0.150	0.150	12/10/2024	ND	6.32	105	6.00	3.76	
Total BTEX	<0.300	0.300	12/10/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	12/10/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	225	113	200	2.44	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	210	105	200	6.66	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane 127 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/09/2024	Sampling Date:	12/06/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 33 @ 4' (H247449-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/10/2024	ND	2.16	108	2.00	4.07		
Toluene*	<0.050	0.050	12/10/2024	ND	2.09	104	2.00	3.47		
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	2.11	105	2.00	3.58		
Total Xylenes*	<0.150	0.150	12/10/2024	ND	6.32	105	6.00	3.76		
Total BTEX	<0.300	0.300	12/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	12/10/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	225	113	200	2.44	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	210	105	200	6.66	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane 129 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/09/2024	Sampling Date:	12/06/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 34 @ 4' (H247449-10)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/10/2024	ND	2.16	108	2.00	4.07	
Toluene*	<0.050	0.050	12/10/2024	ND	2.09	104	2.00	3.47	
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	2.11	105	2.00	3.58	
Total Xylenes*	<0.150	0.150	12/10/2024	ND	6.32	105	6.00	3.76	
Total BTX	<0.300	0.300	12/10/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/10/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	225	113	200	2.44	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	210	105	200	6.66	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane 126 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/09/2024	Sampling Date:	12/06/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 35 @ 4' (H247449-11)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/10/2024	ND	2.16	108	2.00	4.07	
Toluene*	<0.050	0.050	12/10/2024	ND	2.09	104	2.00	3.47	
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	2.11	105	2.00	3.58	
Total Xylenes*	<0.150	0.150	12/10/2024	ND	6.32	105	6.00	3.76	
Total BTEX	<0.300	0.300	12/10/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/10/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	225	113	200	2.44	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	210	105	200	6.66	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/09/2024	Sampling Date:	12/06/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 36 @ 4' (H247449-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/10/2024	ND	2.16	108	2.00	4.07		
Toluene*	<0.050	0.050	12/10/2024	ND	2.09	104	2.00	3.47		
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	2.11	105	2.00	3.58		
Total Xylenes*	<0.150	0.150	12/10/2024	ND	6.32	105	6.00	3.76		
Total BTEX	<0.300	0.300	12/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	12/10/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	236	118	200	2.36	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	216	108	200	7.03	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane 92.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/09/2024	Sampling Date:	12/06/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 37 @ 4' (H247449-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/10/2024	ND	2.16	108	2.00	4.07		
Toluene*	<0.050	0.050	12/10/2024	ND	2.09	104	2.00	3.47		
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	2.11	105	2.00	3.58		
Total Xylenes*	<0.150	0.150	12/10/2024	ND	6.32	105	6.00	3.76		
Total BTEX	<0.300	0.300	12/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	12/10/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	236	118	200	2.36	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	216	108	200	7.03	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane 98.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Page 1 of 2

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST																											
Project Manager: Lance Crenshaw				P.O. #:				<div style="display: flex; justify-content: space-around;"> <div>Chloride</div> <div>TPH (8015M)</div> <div>BTEX (8021B)</div> </div>																											
Address: 2617 West Marland				Company: Mewbourne																															
City: Hobbs State: NM Zip: 88240				Attn: Connor Walker																															
Phone #: (575) 264-9884 Fax #:				Address:																															
Project #: 20910 Project Owner: Mewbourne				City:																															
Project Name: Whitesnake 20/21 W2BC Fee #1H Battery				State: Zip:																															
Project Location: 32.296191, -104.11026				Phone #:																															
Sampler Name: Dominic Casarez				Fax #:																															
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING																											
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME																					
H247449																																			
1	FL 25 @ 4'	C	1			X				X			12/6/24		X	X	X																		
2	FL 26 @ 4'	C	1			X				X			12/6/24		X	X	X																		
3	FL 27 @ 4'	C	1			X				X			12/6/24		X	X	X																		
4	FL 28 @ 4'	C	1			X				X			12/6/24		X	X	X																		
5	FL 29 @ 4'	C	1			X				X			12/6/24		X	X	X																		
6	FL 30 @ 4'	C	1			X				X			12/6/24		X	X	X																		
7	FL 31 @ 4'	C	1			X				X			12/6/24		X	X	X																		
8	FL 32 @ 4'	C	1			X				X			12/6/24		X	X	X																		
9	FL 33 @ 4'	C	1			X				X			12/6/24		X	X	X																		
10	FL 34 @ 4'	C	1			X				X			12/6/24		X	X	X																		

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Relinquished By:		Date: 12-9-24	Received By:		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Time: 1451					All Results are emailed. Please provide Email address: pm@etechenv.com	
Relinquished By:		Date:	Received By:		REMARKS:	
Time:						
Delivered By: (Circle One)		Observed Temp. °C: -11.0	Sample Condition: Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	
Sampler - UPS - Bus - Other:		Corrected Temp. °C: -11.4	CHECKED BY: (Initials) AD		Bacteria (only) Sample Condition: Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	
					Thermometer ID #140 Correction Factor -0.6°C	
					Observed Temp. °C: Corrected Temp. °C:	



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Page 2 of 2

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST																			
Project Manager: Lance Crenshaw				P.O. #:				<div style="display: flex; justify-content: space-around;"> <div>Chloride</div> <div>TPH (8015M)</div> <div>BTEX (8021B)</div> </div>																			
Address: 2617 West Marland				Company: Mewbourne																							
City: Hobbs State: NM Zip: 88240				Attn: Connor Walker																							
Phone #: (575) 264-9884 Fax #:				Address:																							
Project #: 20910 Project Owner: Mewbourne				City:																							
Project Name: Whitesnake 20/21 W2BC Fee #1H Battery				State: Zip:																							
Project Location: 32.296191, -104.11026				Phone #:																							
Sampler Name: Dominic Casarez				Fax #:																							
FOR LAB USE ONLY						MATRIX		PRESERV.		SAMPLING																	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME													
11	FL 35 @ 4'	C	1			X				X			12/6/24		X	X	X										
12	FL 36 @ 4'	C	1			X				X			12/6/24		X	X	X										
13	FL 37 @ 4'	C	1			X				X			12/6/24		X	X	X										

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Relinquished By:		Date: 12-9-24	Received By:		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Time: 1451					All Results are emailed. Please provide Email address: pm@etechenv.com	
Relinquished By:		Date:	Received By:		REMARKS:	
Time:						
Delivered By: (Circle One)		Observed Temp. °C: -11.0	Sample Condition: Cool Intact		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	
Sampler - UPS - Bus - Other:		Corrected Temp. °C: -11.0	CHECKED BY: (Initials) AD		Thermometer ID #140 Correction Factor -0.6°C	
			Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		Bacteria (only) Sample Condition: Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	
					Observed Temp. °C: Corrected Temp. °C:	



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

December 13, 2024

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: WHITESNAKE 20/21 W2BC FEE #1H BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 12/10/24 8:28.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/10/2024	Sampling Date:	12/09/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 38 @ 4' (H247456-01)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/10/2024	ND	2.12	106	2.00	9.47		
Toluene*	<0.050	0.050	12/10/2024	ND	2.09	105	2.00	5.07		
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	2.29	114	2.00	2.78		
Total Xylenes*	<0.150	0.150	12/10/2024	ND	6.77	113	6.00	0.492		
Total BTX	<0.300	0.300	12/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	12/10/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	218	109	200	2.43	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	197	98.7	200	4.68	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/10/2024	Sampling Date:	12/09/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 39 @ 4' (H247456-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/10/2024	ND	2.12	106	2.00	9.47		
Toluene*	<0.050	0.050	12/10/2024	ND	2.09	105	2.00	5.07		
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	2.29	114	2.00	2.78		
Total Xylenes*	<0.150	0.150	12/10/2024	ND	6.77	113	6.00	0.492		
Total BTEX	<0.300	0.300	12/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1220	16.0	12/10/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	218	109	200	2.43	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	197	98.7	200	4.68	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/10/2024
 Reported: 12/13/2024
 Project Name: WHITESNAKE 20/21 W2BC FEE #1H BAT
 Project Number: 20910
 Project Location: MEWBOURNE 32.296191-104.11026

Sampling Date: 12/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 40 @ 4' (H247456-03)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/10/2024	ND	2.12	106	2.00	9.47		
Toluene*	<0.050	0.050	12/10/2024	ND	2.09	105	2.00	5.07		
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	2.29	114	2.00	2.78		
Total Xylenes*	<0.150	0.150	12/10/2024	ND	6.77	113	6.00	0.492		
Total BTEX	<0.300	0.300	12/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	12/10/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	218	109	200	2.43	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	197	98.7	200	4.68	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane 125 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/10/2024	Sampling Date:	12/09/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 41 @ 4' (H247456-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/10/2024	ND	2.12	106	2.00	9.47		
Toluene*	<0.050	0.050	12/10/2024	ND	2.09	105	2.00	5.07		
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	2.29	114	2.00	2.78		
Total Xylenes*	<0.150	0.150	12/10/2024	ND	6.77	113	6.00	0.492		
Total BTEX	<0.300	0.300	12/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	12/10/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	218	109	200	2.43	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	197	98.7	200	4.68	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane 131 % 48.2-134

Surrogate: 1-Chlorooctadecane 135 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/10/2024	Sampling Date:	12/09/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 42 @ 4' (H247456-05)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/10/2024	ND	2.12	106	2.00	9.47		
Toluene*	<0.050	0.050	12/10/2024	ND	2.09	105	2.00	5.07		
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	2.29	114	2.00	2.78		
Total Xylenes*	<0.150	0.150	12/10/2024	ND	6.77	113	6.00	0.492		
Total BTEX	<0.300	0.300	12/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/10/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	218	109	200	2.43	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	197	98.7	200	4.68	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane 126 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/10/2024
 Reported: 12/13/2024
 Project Name: WHITESNAKE 20/21 W2BC FEE #1H BAT
 Project Number: 20910
 Project Location: MEWBOURNE 32.296191-104.11026

Sampling Date: 12/09/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 43 @ 4' (H247456-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/10/2024	ND	2.12	106	2.00	9.47		
Toluene*	<0.050	0.050	12/10/2024	ND	2.09	105	2.00	5.07		
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	2.29	114	2.00	2.78		
Total Xylenes*	<0.150	0.150	12/10/2024	ND	6.77	113	6.00	0.492		
Total BTEX	<0.300	0.300	12/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/10/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	218	109	200	2.43	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	197	98.7	200	4.68	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane 133 % 48.2-134

Surrogate: 1-Chlorooctadecane 138 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/10/2024	Sampling Date:	12/09/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 44 @ 4' (H247456-07)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/10/2024	ND	2.12	106	2.00	9.47		
Toluene*	<0.050	0.050	12/10/2024	ND	2.09	105	2.00	5.07		
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	2.29	114	2.00	2.78		
Total Xylenes*	<0.150	0.150	12/10/2024	ND	6.77	113	6.00	0.492		
Total BTEX	<0.300	0.300	12/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	592	16.0	12/10/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	218	109	200	2.43	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	197	98.7	200	4.68	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane 129 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/10/2024	Sampling Date:	12/09/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 45 @ 4' (H247456-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/10/2024	ND	2.12	106	2.00	9.47		
Toluene*	<0.050	0.050	12/10/2024	ND	2.09	105	2.00	5.07		
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	2.29	114	2.00	2.78		
Total Xylenes*	<0.150	0.150	12/10/2024	ND	6.77	113	6.00	0.492		
Total BTEX	<0.300	0.300	12/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	12/10/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	218	109	200	2.43		
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	197	98.7	200	4.68		
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND						

Surrogate: 1-Chlorooctane 134 % 48.2-134

Surrogate: 1-Chlorooctadecane 140 % 49.1-148

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Received:	12/10/2024	Sampling Date:	12/09/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 46 @ 4' (H247456-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/10/2024	ND	2.12	106	2.00	9.47		
Toluene*	<0.050	0.050	12/10/2024	ND	2.09	105	2.00	5.07		
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	2.29	114	2.00	2.78		
Total Xylenes*	<0.150	0.150	12/10/2024	ND	6.77	113	6.00	0.492		
Total BTEx	<0.300	0.300	12/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	12/10/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	218	109	200	2.43	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	197	98.7	200	4.68	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

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Received:	12/10/2024	Sampling Date:	12/09/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 47 @ 4' (H247456-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/10/2024	ND	2.12	106	2.00	9.47		
Toluene*	<0.050	0.050	12/10/2024	ND	2.09	105	2.00	5.07		
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	2.29	114	2.00	2.78		
Total Xylenes*	<0.150	0.150	12/10/2024	ND	6.77	113	6.00	0.492		
Total BTEX	<0.300	0.300	12/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	12/10/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	218	109	200	2.43	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	197	98.7	200	4.68	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Analytical Results For:

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Received:	12/10/2024	Sampling Date:	12/09/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 48 @ 4' (H247456-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/10/2024	ND	2.12	106	2.00	9.47		
Toluene*	<0.050	0.050	12/10/2024	ND	2.09	105	2.00	5.07		
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	2.29	114	2.00	2.78		
Total Xylenes*	<0.150	0.150	12/10/2024	ND	6.77	113	6.00	0.492		
Total BTEX	<0.300	0.300	12/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	12/10/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	218	109	200	2.43	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	197	98.7	200	4.68	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Analytical Results For:

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Received:	12/10/2024	Sampling Date:	12/09/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 49 @ 4' (H247456-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/10/2024	ND	2.12	106	2.00	9.47		
Toluene*	<0.050	0.050	12/10/2024	ND	2.09	105	2.00	5.07		
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	2.29	114	2.00	2.78		
Total Xylenes*	<0.150	0.150	12/10/2024	ND	6.77	113	6.00	0.492		
Total BTEX	<0.300	0.300	12/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	12/10/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	218	109	200	2.43	
DRO >C10-C28*	45.5	10.0	12/10/2024	ND	197	98.7	200	4.68	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane 126 % 48.2-134

Surrogate: 1-Chlorooctadecane 136 % 49.1-148

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Analytical Results For:

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 Fax To:

Received:	12/10/2024	Sampling Date:	12/09/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 50 @ 4' (H247456-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/10/2024	ND	2.12	106	2.00	9.47		
Toluene*	<0.050	0.050	12/10/2024	ND	2.09	105	2.00	5.07		
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	2.29	114	2.00	2.78		
Total Xylenes*	<0.150	0.150	12/10/2024	ND	6.77	113	6.00	0.492		
Total BTEx	<0.300	0.300	12/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	12/10/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	218	109	200	2.43	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	197	98.7	200	4.68	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane 125 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 49.1-148

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Analytical Results For:

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Received:	12/10/2024	Sampling Date:	12/09/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 51 @ 4' (H247456-14)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/10/2024	ND	2.12	106	2.00	9.47		
Toluene*	<0.050	0.050	12/10/2024	ND	2.09	105	2.00	5.07		
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	2.29	114	2.00	2.78		
Total Xylenes*	<0.150	0.150	12/10/2024	ND	6.77	113	6.00	0.492		
Total BTEX	<0.300	0.300	12/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	12/10/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	218	109	200	2.43	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	197	98.7	200	4.68	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane 129 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 49.1-148

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Analytical Results For:

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Received:	12/10/2024	Sampling Date:	12/09/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 52 @ 4' (H247456-15)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/10/2024	ND	2.12	106	2.00	9.47		
Toluene*	<0.050	0.050	12/10/2024	ND	2.09	105	2.00	5.07		
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	2.29	114	2.00	2.78		
Total Xylenes*	<0.150	0.150	12/10/2024	ND	6.77	113	6.00	0.492		
Total BTEX	<0.300	0.300	12/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	12/10/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	218	109	200	2.43	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	197	98.7	200	4.68	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane 128 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 49.1-148

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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/10/2024	Sampling Date:	12/09/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 53 @ 4' (H247456-16)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/10/2024	ND	2.12	106	2.00	9.47		
Toluene*	<0.050	0.050	12/10/2024	ND	2.09	105	2.00	5.07		
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	2.29	114	2.00	2.78		
Total Xylenes*	<0.150	0.150	12/10/2024	ND	6.77	113	6.00	0.492		
Total BTEX	<0.300	0.300	12/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	12/10/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	218	109	200	2.43	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	197	98.7	200	4.68	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/10/2024	Sampling Date:	12/09/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 54 @ 4' (H247456-17)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/10/2024	ND	2.12	106	2.00	9.47		
Toluene*	<0.050	0.050	12/10/2024	ND	2.09	105	2.00	5.07		
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	2.29	114	2.00	2.78		
Total Xylenes*	<0.150	0.150	12/10/2024	ND	6.77	113	6.00	0.492		
Total BTEX	<0.300	0.300	12/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	12/10/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	218	109	200	2.43		
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	197	98.7	200	4.68		
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND						

Surrogate: 1-Chlorooctane 133 % 48.2-134

Surrogate: 1-Chlorooctadecane 139 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/10/2024	Sampling Date:	12/09/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 55 @ 4' (H247456-18)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/10/2024	ND	2.12	106	2.00	9.47		
Toluene*	<0.050	0.050	12/10/2024	ND	2.09	105	2.00	5.07		
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	2.29	114	2.00	2.78		
Total Xylenes*	<0.150	0.150	12/10/2024	ND	6.77	113	6.00	0.492		
Total BTEX	<0.300	0.300	12/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	12/10/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	225	113	200	0.441	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	211	106	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.6 % 49.1-148

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Analytical Results For:

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Received:	12/10/2024	Sampling Date:	12/09/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: NW 5 (H247456-19)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/10/2024	ND	2.12	106	2.00	9.47	
Toluene*	<0.050	0.050	12/10/2024	ND	2.09	105	2.00	5.07	
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	2.29	114	2.00	2.78	
Total Xylenes*	<0.150	0.150	12/10/2024	ND	6.77	113	6.00	0.492	
Total BTEX	<0.300	0.300	12/10/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	12/10/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	225	113	200	0.441	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	211	106	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane 98.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.9 % 49.1-148

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Analytical Results For:

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 HOBBS NM, 88240
 Fax To:

Received:	12/10/2024	Sampling Date:	12/09/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: NW 6 (H247456-20)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/10/2024	ND	2.12	106	2.00	9.47	
Toluene*	<0.050	0.050	12/10/2024	ND	2.09	105	2.00	5.07	
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	2.29	114	2.00	2.78	
Total Xylenes*	<0.150	0.150	12/10/2024	ND	6.77	113	6.00	0.492	
Total BTEX	<0.300	0.300	12/10/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	12/10/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	225	113	200	0.441	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	211	106	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.8 % 49.1-148

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Analytical Results For:

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 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/10/2024	Sampling Date:	12/09/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: NW 7 (H247456-21)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/10/2024	ND	1.63	81.7	2.00	16.0		
Toluene*	<0.050	0.050	12/10/2024	ND	1.74	86.9	2.00	3.19		
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	1.74	87.1	2.00	0.916		
Total Xylenes*	<0.150	0.150	12/10/2024	ND	5.21	86.9	6.00	0.380		
Total BTEX	<0.300	0.300	12/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	12/10/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	225	113	200	0.441	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	211	106	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane 91.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.7 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/10/2024	Sampling Date:	12/09/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: NW 8 (H247456-22)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/10/2024	ND	1.63	81.7	2.00	16.0		
Toluene*	<0.050	0.050	12/10/2024	ND	1.74	86.9	2.00	3.19		
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	1.74	87.1	2.00	0.916		
Total Xylenes*	<0.150	0.150	12/10/2024	ND	5.21	86.9	6.00	0.380		
Total BTEx	<0.300	0.300	12/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	12/10/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	225	113	200	0.441	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	211	106	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane 95.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.5 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
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 Fax To:

Received:	12/10/2024	Sampling Date:	12/09/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: EW 2 (H247456-23)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/10/2024	ND	1.63	81.7	2.00	16.0		
Toluene*	<0.050	0.050	12/10/2024	ND	1.74	86.9	2.00	3.19		
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	1.74	87.1	2.00	0.916		
Total Xylenes*	<0.150	0.150	12/10/2024	ND	5.21	86.9	6.00	0.380		
Total BTEX	<0.300	0.300	12/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	12/10/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	225	113	200	0.441	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	211	106	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane 96.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.1 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/10/2024	Sampling Date:	12/09/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: EW 3 (H247456-24)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/10/2024	ND	1.63	81.7	2.00	16.0		
Toluene*	<0.050	0.050	12/10/2024	ND	1.74	86.9	2.00	3.19		
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	1.74	87.1	2.00	0.916		
Total Xylenes*	<0.150	0.150	12/10/2024	ND	5.21	86.9	6.00	0.380		
Total BTEX	<0.300	0.300	12/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	12/10/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	225	113	200	0.441	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	211	106	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane 99.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/10/2024	Sampling Date:	12/09/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: SW 5 (H247456-25)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/10/2024	ND	1.63	81.7	2.00	16.0		
Toluene*	<0.050	0.050	12/10/2024	ND	1.74	86.9	2.00	3.19		
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	1.74	87.1	2.00	0.916		
Total Xylenes*	<0.150	0.150	12/10/2024	ND	5.21	86.9	6.00	0.380		
Total BTEX	<0.300	0.300	12/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	12/10/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	225	113	200	0.441	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	211	106	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/10/2024	Sampling Date:	12/09/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: SW 6 (H247456-26)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/10/2024	ND	1.63	81.7	2.00	16.0		
Toluene*	<0.050	0.050	12/10/2024	ND	1.74	86.9	2.00	3.19		
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	1.74	87.1	2.00	0.916		
Total Xylenes*	<0.150	0.150	12/10/2024	ND	5.21	86.9	6.00	0.380		
Total BTEX	<0.300	0.300	12/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	12/10/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	225	113	200	0.441	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	211	106	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane 98.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/10/2024	Sampling Date:	12/09/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: SW 7 (H247456-27)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/10/2024	ND	1.63	81.7	2.00	16.0		
Toluene*	<0.050	0.050	12/10/2024	ND	1.74	86.9	2.00	3.19		
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	1.74	87.1	2.00	0.916		
Total Xylenes*	<0.150	0.150	12/10/2024	ND	5.21	86.9	6.00	0.380		
Total BTEX	<0.300	0.300	12/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	12/10/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	225	113	200	0.441	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	211	106	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane 95.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/10/2024	Sampling Date:	12/09/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: WW 2 (H247456-28)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/10/2024	ND	1.63	81.7	2.00	16.0		
Toluene*	<0.050	0.050	12/10/2024	ND	1.74	86.9	2.00	3.19		
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	1.74	87.1	2.00	0.916		
Total Xylenes*	<0.150	0.150	12/10/2024	ND	5.21	86.9	6.00	0.380		
Total BTEX	<0.300	0.300	12/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	12/10/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	225	113	200	0.441	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	211	106	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane 99.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/10/2024	Sampling Date:	12/09/2024
Reported:	12/13/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: WW 3 (H247456-29)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/10/2024	ND	1.63	81.7	2.00	16.0		
Toluene*	<0.050	0.050	12/10/2024	ND	1.74	86.9	2.00	3.19		
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	1.74	87.1	2.00	0.916		
Total Xylenes*	<0.150	0.150	12/10/2024	ND	5.21	86.9	6.00	0.380		
Total BTEX	<0.300	0.300	12/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	12/10/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	225	113	200	0.441	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	211	106	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.1 % 49.1-148

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Notes and Definitions

- QR-04 The RPD for the BS/BSD was outside of historical limits.
- BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
- Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 3

Page 32 of 34

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST																	
Project Manager: Lance Crenshaw				P.O. #:				<div style="display: flex; justify-content: space-around;"> <div>Chloride</div> <div>TPH (8015M)</div> <div>BTEX (8021B)</div> </div>																	
Address: 2617 West Marland				Company: Mewbourne																					
City: Hobbs State: NM Zip: 88240				Attn: Connor Walker																					
Phone #: (575) 264-9884 Fax #:				Address:																					
Project #: 20910 Project Owner: Mewbourne				City:																					
Project Name: Whitesnake 20/21 W2BC Fee #1H Battery				State: Zip:																					
Project Location: 32.296191, -104.11026				Phone #:																					
Sampler Name: Dominic Casarez				Fax #:																					
FOR LAB USE ONLY		Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV.		SAMPLING											
										GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :		ACID/BASE: ICE / COOL OTHER :		DATE TIME											
12-7-450						C 1		1		X		X		12/9/24		X X X									
2		FL 38 @ 4'				C 1		1		X		X		12/9/24		X X X									
3		FL 39 @ 4'				C 1		1		X		X		12/9/24		X X X									
4		FL 40 @ 4'				C 1		1		X		X		12/9/24		X X X									
5		FL 41 @ 4'				C 1		1		X		X		12/9/24		X X X									
6		FL 42 @ 4'				C 1		1		X		X		12/9/24		X X X									
7		FL 43 @ 4'				C 1		1		X		X		12/9/24		X X X									
8		FL 44 @ 4'				C 1		1		X		X		12/9/24		X X X									
9		FL 45 @ 4'				C 1		1		X		X		12/9/24		X X X									
10		FL 46 @ 4'				C 1		1		X		X		12/9/24		X X X									
		FL 47 @ 4'				C 1		1		X		X		12/9/24		X X X									

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Relinquished By:		Date: 12/10/24		Received By:		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Time: 8:28		Time: 8:28		All Results are emailed. Please provide Email address: pm@etechenv.com			
Relinquished By:		Date:		Received By:		REMARKS:	
Time:							
Delivered By: (Circle One)		Observed Temp. °C -0.8		Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: (Initials) AP	
Sampler - UPS - Bus - Other:		Corrected Temp. °C -1.2		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>		Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No	
				Thermometer ID #140 Correction Factor -0.6°C		Observed Temp. °C Corrected Temp. °C	

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


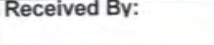

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 2 of 3

Page 33 of 34

[illegible]

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Relinquished By: 		Date: 10-10-24	Time: 828	Received By: 	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Add'l Phone #: All Results are emailed. Please provide Email address: pm@etechenv.com
Relinquished By:		Date:	Time:	Received By:	REMARKS:
Delivered By: (Circle One)		Observed Temp. °C: -0.8	Sample Condition: Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) 	Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>
Sampler - UPS - Bus - Other:		Corrected Temp. °C: -1.2			Thermometer ID #140 Correction Factor -0.6°C
					Bacteria (only) Sample Condition: Cool <input type="checkbox"/> Yes <input type="checkbox"/> No Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Observed Temp. °C: Corrected Temp. °C:

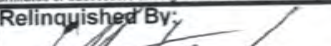
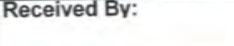

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(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 3 of 3

(575) 393-2326 FAX (575) 393-2476						BILL TO		ANALYSIS REQUEST																													
Company Name: Etech Environmental & Safety Solutions, Inc.						P.O. #:		Chloride TPH (8015M) BTEX (8021B)																													
Project Manager: Lance Crenshaw						Company: Mewbourne																															
Address: 2617 West Marland						Attn: Connor Walker																															
City: Hobbs			State: NM Zip: 88240			Address:																															
Phone #: (575) 264-9884			Fax #:			City:																															
Project #: 20910			Project Owner: Mewbourne			State: Zip:																															
Project Name: Whitesnake 20/21 W2BC Fee #1H Battery						Phone #:																															
Project Location: 32 296191, -104.11026						Fax #:																															
Sampler Name: Dominic Casarez																																					
FOR LAB USE ONLY		Lab I.D.		Sample I.D.		(GRAB OR (C)OMP.		# CONTAINERS		MATRIX				PRESERV.		SAMPLING																					
																				</																	

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Relinquished By: 		Date: 12-10-24	Received By: 	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
Time: 828				All Results are emailed. Please provide Email address: pm@etechenv.com
Relinquished By:		Date:	Received By:	REMARKS:
Time:				
Delivered By: (Circle One)	Observed Temp. °C -0.8	Sample Condition	CHECKED BY: (Initials)	Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>
Sampler - UPS - Bus - Other:	Corrected Temp. °C -1.2	Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No		Thermometer ID #140 Correction Factor -0.6°C
				Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C



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

December 17, 2024

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: WHITESNAKE 20/21 W2BC FEE #1H BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 12/11/24 8:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/11/2024	Sampling Date:	12/10/2024
Reported:	12/17/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 60 @ 4' (H247489-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/12/2024	ND	2.21	111	2.00	0.818	
Toluene*	<0.050	0.050	12/12/2024	ND	2.27	114	2.00	1.85	
Ethylbenzene*	<0.050	0.050	12/12/2024	ND	2.22	111	2.00	3.03	
Total Xylenes*	<0.150	0.150	12/12/2024	ND	6.92	115	6.00	2.66	
Total BTX	<0.300	0.300	12/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4000	16.0	12/12/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/11/2024	ND	208	104	200	1.44	
DRO >C10-C28*	<10.0	10.0	12/11/2024	ND	205	103	200	2.39	
EXT DRO >C28-C36	<10.0	10.0	12/11/2024	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/11/2024	Sampling Date:	12/10/2024
Reported:	12/17/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 61 @ 4' (H247489-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/12/2024	ND	2.21	111	2.00	0.818		
Toluene*	<0.050	0.050	12/12/2024	ND	2.27	114	2.00	1.85		
Ethylbenzene*	<0.050	0.050	12/12/2024	ND	2.22	111	2.00	3.03		
Total Xylenes*	<0.150	0.150	12/12/2024	ND	6.92	115	6.00	2.66		
Total BTEX	<0.300	0.300	12/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4400	16.0	12/12/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/11/2024	ND	208	104	200	1.44	
DRO >C10-C28*	<10.0	10.0	12/11/2024	ND	205	103	200	2.39	
EXT DRO >C28-C36	<10.0	10.0	12/11/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/11/2024	Sampling Date:	12/10/2024
Reported:	12/17/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 62 @ 4' (H247489-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/11/2024	ND	1.78	89.0	2.00	10.4		
Toluene*	<0.050	0.050	12/11/2024	ND	1.79	89.6	2.00	9.70		
Ethylbenzene*	<0.050	0.050	12/11/2024	ND	1.79	89.3	2.00	9.23		
Total Xylenes*	<0.150	0.150	12/11/2024	ND	5.35	89.2	6.00	9.38		
Total BTEX	<0.300	0.300	12/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4800	16.0	12/12/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/11/2024	ND	194	97.1	200	1.07	
DRO >C10-C28*	<10.0	10.0	12/11/2024	ND	194	96.8	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	12/11/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/11/2024	Sampling Date:	12/10/2024
Reported:	12/17/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 63 @ 4' (H247489-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/11/2024	ND	1.78	89.0	2.00	10.4		
Toluene*	<0.050	0.050	12/11/2024	ND	1.79	89.6	2.00	9.70		
Ethylbenzene*	<0.050	0.050	12/11/2024	ND	1.79	89.3	2.00	9.23		
Total Xylenes*	<0.150	0.150	12/11/2024	ND	5.35	89.2	6.00	9.38		
Total BTEX	<0.300	0.300	12/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3920	16.0	12/12/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/11/2024	ND	194	97.1	200	1.07	
DRO >C10-C28*	<10.0	10.0	12/11/2024	ND	194	96.8	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	12/11/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/11/2024	Sampling Date:	12/10/2024
Reported:	12/17/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 64 @ 4' (H247489-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/11/2024	ND	1.78	89.0	2.00	10.4		
Toluene*	<0.050	0.050	12/11/2024	ND	1.79	89.6	2.00	9.70		
Ethylbenzene*	<0.050	0.050	12/11/2024	ND	1.79	89.3	2.00	9.23		
Total Xylenes*	<0.150	0.150	12/11/2024	ND	5.35	89.2	6.00	9.38		
Total BTEX	<0.300	0.300	12/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3600	16.0	12/12/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/11/2024	ND	194	97.1	200	1.07	
DRO >C10-C28*	<10.0	10.0	12/11/2024	ND	194	96.8	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	12/11/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/11/2024	Sampling Date:	12/10/2024
Reported:	12/17/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: EW 4 (H247489-06)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/11/2024	ND	1.78	89.0	2.00	10.4		
Toluene*	<0.050	0.050	12/11/2024	ND	1.79	89.6	2.00	9.70		
Ethylbenzene*	<0.050	0.050	12/11/2024	ND	1.79	89.3	2.00	9.23		
Total Xylenes*	<0.150	0.150	12/11/2024	ND	5.35	89.2	6.00	9.38		
Total BTEX	<0.300	0.300	12/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	12/12/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/11/2024	ND	194	97.1	200	1.07	
DRO >C10-C28*	<10.0	10.0	12/11/2024	ND	194	96.8	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	12/11/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/11/2024	Sampling Date:	12/10/2024
Reported:	12/17/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: EW 5 (H247489-07)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/11/2024	ND	1.78	89.0	2.00	10.4		
Toluene*	<0.050	0.050	12/11/2024	ND	1.79	89.6	2.00	9.70		
Ethylbenzene*	<0.050	0.050	12/11/2024	ND	1.79	89.3	2.00	9.23		
Total Xylenes*	<0.150	0.150	12/11/2024	ND	5.35	89.2	6.00	9.38		
Total BTEX	<0.300	0.300	12/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/12/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/11/2024	ND	194	97.1	200	1.07	
DRO >C10-C28*	<10.0	10.0	12/11/2024	ND	194	96.8	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	12/11/2024	ND					

Surrogate: 1-Chlorooctane 91.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/11/2024	Sampling Date:	12/10/2024
Reported:	12/17/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: EW 6 (H247489-08)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/11/2024	ND	1.78	89.0	2.00	10.4		
Toluene*	<0.050	0.050	12/11/2024	ND	1.79	89.6	2.00	9.70		
Ethylbenzene*	<0.050	0.050	12/11/2024	ND	1.79	89.3	2.00	9.23		
Total Xylenes*	<0.150	0.150	12/11/2024	ND	5.35	89.2	6.00	9.38		
Total BTEX	<0.300	0.300	12/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	12/12/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/11/2024	ND	194	97.1	200	1.07	
DRO >C10-C28*	<10.0	10.0	12/11/2024	ND	194	96.8	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	12/11/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/11/2024	Sampling Date:	12/10/2024
Reported:	12/17/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: SW 8 (H247489-09)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/11/2024	ND	1.78	89.0	2.00	10.4		
Toluene*	<0.050	0.050	12/11/2024	ND	1.79	89.6	2.00	9.70		
Ethylbenzene*	<0.050	0.050	12/11/2024	ND	1.79	89.3	2.00	9.23		
Total Xylenes*	<0.150	0.150	12/11/2024	ND	5.35	89.2	6.00	9.38		
Total BTEX	<0.300	0.300	12/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	12/12/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/11/2024	ND	194	97.1	200	1.07	
DRO >C10-C28*	<10.0	10.0	12/11/2024	ND	194	96.8	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	12/11/2024	ND					

Surrogate: 1-Chlorooctane 99.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/11/2024	Sampling Date:	12/10/2024
Reported:	12/17/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: SW 9 (H247489-10)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/11/2024	ND	1.78	89.0	2.00	10.4		
Toluene*	<0.050	0.050	12/11/2024	ND	1.79	89.6	2.00	9.70		
Ethylbenzene*	<0.050	0.050	12/11/2024	ND	1.79	89.3	2.00	9.23		
Total Xylenes*	<0.150	0.150	12/11/2024	ND	5.35	89.2	6.00	9.38		
Total BTEX	<0.300	0.300	12/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	12/12/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/11/2024	ND	194	97.1	200	1.07	
DRO >C10-C28*	<10.0	10.0	12/11/2024	ND	194	96.8	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	12/11/2024	ND					

Surrogate: 1-Chlorooctane 91.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/11/2024	Sampling Date:	12/10/2024
Reported:	12/17/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: SW 10 (H247489-11)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/11/2024	ND	1.78	89.0	2.00	10.4		
Toluene*	<0.050	0.050	12/11/2024	ND	1.79	89.6	2.00	9.70		
Ethylbenzene*	<0.050	0.050	12/11/2024	ND	1.79	89.3	2.00	9.23		
Total Xylenes*	<0.150	0.150	12/11/2024	ND	5.35	89.2	6.00	9.38		
Total BTEX	<0.300	0.300	12/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	12/12/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/11/2024	ND	194	97.1	200	1.07	
DRO >C10-C28*	<10.0	10.0	12/11/2024	ND	194	96.8	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	12/11/2024	ND					

Surrogate: 1-Chlorooctane 90.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/11/2024	Sampling Date:	12/10/2024
Reported:	12/17/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: WW 4 (H247489-12)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/11/2024	ND	1.78	89.0	2.00	10.4		
Toluene*	<0.050	0.050	12/11/2024	ND	1.79	89.6	2.00	9.70		
Ethylbenzene*	0.690	0.050	12/11/2024	ND	1.79	89.3	2.00	9.23	GC-NC1	
Total Xylenes*	1.10	0.150	12/11/2024	ND	5.35	89.2	6.00	9.38	GC-NC1	
Total BTEX	1.79	0.300	12/11/2024	ND					GC-NC1	

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	12/12/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	49.9	10.0	12/11/2024	ND	194	97.1	200	1.07	
DRO >C10-C28*	2260	10.0	12/11/2024	ND	194	96.8	200	1.83	
EXT DRO >C28-C36	334	10.0	12/11/2024	ND					

Surrogate: 1-Chlorooctane 98.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/11/2024	Sampling Date:	12/10/2024
Reported:	12/17/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: WW 5 (H247489-13)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/11/2024	ND	1.78	89.0	2.00	10.4		
Toluene*	<0.050	0.050	12/11/2024	ND	1.79	89.6	2.00	9.70		
Ethylbenzene*	<0.050	0.050	12/11/2024	ND	1.79	89.3	2.00	9.23		
Total Xylenes*	<0.150	0.150	12/11/2024	ND	5.35	89.2	6.00	9.38		
Total BTEX	<0.300	0.300	12/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/12/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/11/2024	ND	194	97.1	200	1.07	
DRO >C10-C28*	<10.0	10.0	12/11/2024	ND	194	96.8	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	12/11/2024	ND					

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/11/2024	Sampling Date:	12/10/2024
Reported:	12/17/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: WW 6 (H247489-14)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/11/2024	ND	1.78	89.0	2.00	10.4		
Toluene*	<0.050	0.050	12/11/2024	ND	1.79	89.6	2.00	9.70		
Ethylbenzene*	<0.050	0.050	12/11/2024	ND	1.79	89.3	2.00	9.23		
Total Xylenes*	<0.150	0.150	12/11/2024	ND	5.35	89.2	6.00	9.38		
Total BTEX	<0.300	0.300	12/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	12/12/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/11/2024	ND	194	97.1	200	1.07	
DRO >C10-C28*	<10.0	10.0	12/11/2024	ND	194	96.8	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	12/11/2024	ND					

Surrogate: 1-Chlorooctane 98.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "C. D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 2

Page 17 of 18

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Page 2 of 2

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST																							
Project Manager: Lance Crenshaw				P.O. #:				<div style="display: flex; justify-content: space-around;"> <div>Chloride</div> <div>TPH (8015M)</div> <div>BTEX (8021B)</div> </div>																							
Address: 2617 West Marland				Company: Mewbourne																											
City: Hobbs State: NM Zip: 88240				Attn: Connor Walker																											
Phone #: (575) 264-9884 Fax #:				Address:																											
Project #: 20910 Project Owner: Mewbourne				City:																											
Project Name: Whitesnake 20/21 W2BC Fee #1H Battery				State: Zip:																											
Project Location: 32.296191, -104.11026				Phone #:																											
Sampler Name: Dominic Casarez				Fax #:																											
FOR LAB USE ONLY		Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX				PRESERV.		SAMPLING															
										GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :				ACID/BASE: ICE / COOL OTHER :		DATE		TIME													
H247489						C		1		X				X		12/10/24				X X X											
11		SW 10				C		1		X				X		12/10/24				X X X											
12		WW 4				C		1		X				X		12/10/24				X X X											
13		WW 5				C		1		X				X		12/10/24				X X X											
14		WW 6				C		1		X				X		12/10/24				X X X											

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Relinquished By:		Date: 12-11-24		Received By:		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Time: 0840		Time:		Time:		All Results are emailed. Please provide Email address: pm@etechenv.com	
Relinquished By:		Date:		Received By:		REMARKS:	
Time:		Time:		Time:		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	
Delivered By: (Circle One)		Observed Temp. °C -4.7		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		CHECKED BY: (Initials) T-8	
Sampler - UPS - Bus - Other:		Corrected Temp. °C -5.3		Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		Thermometer ID #140	
				No <input type="checkbox"/> Yes <input type="checkbox"/>		Correction Factor -0.6°C	
						Bacteria (only) Sample Condition Cool Intact Observed Temp. °C	
						Yes <input type="checkbox"/> No <input type="checkbox"/>	
						Corrected Temp. °C	



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

December 18, 2024

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: WHITESNAKE 20/21 W2BC FEE #1H BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 12/12/24 8:27.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/12/2024	Sampling Date:	12/11/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 56 @ 4' (H247515-01)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/12/2024	ND	1.88	94.0	2.00	2.05		
Toluene*	<0.050	0.050	12/12/2024	ND	1.90	94.8	2.00	0.526		
Ethylbenzene*	<0.050	0.050	12/12/2024	ND	1.94	96.9	2.00	0.517		
Total Xylenes*	<0.150	0.150	12/12/2024	ND	5.83	97.2	6.00	0.482		
Total BTX	<0.300	0.300	12/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	12/12/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	208	104	200	2.59	
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	189	94.6	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND					

Surrogate: 1-Chlorooctane 91.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/12/2024	Sampling Date:	12/11/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 57 @ 4' (H247515-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/12/2024	ND	1.88	94.0	2.00	2.05		
Toluene*	<0.050	0.050	12/12/2024	ND	1.90	94.8	2.00	0.526		
Ethylbenzene*	<0.050	0.050	12/12/2024	ND	1.94	96.9	2.00	0.517		
Total Xylenes*	<0.150	0.150	12/12/2024	ND	5.83	97.2	6.00	0.482		
Total BTEX	<0.300	0.300	12/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	12/12/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	208	104	200	2.59	
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	189	94.6	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND					

Surrogate: 1-Chlorooctane 89.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/12/2024	Sampling Date:	12/11/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 58 @ 4' (H247515-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/12/2024	ND	1.88	94.0	2.00	2.05		
Toluene*	<0.050	0.050	12/12/2024	ND	1.90	94.8	2.00	0.526		
Ethylbenzene*	<0.050	0.050	12/12/2024	ND	1.94	96.9	2.00	0.517		
Total Xylenes*	<0.150	0.150	12/12/2024	ND	5.83	97.2	6.00	0.482		
Total BTEX	<0.300	0.300	12/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	12/12/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	208	104	200	2.59	
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	189	94.6	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND					

Surrogate: 1-Chlorooctane 91.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/12/2024	Sampling Date:	12/11/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 59 @ 4' (H247515-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/12/2024	ND	1.88	94.0	2.00	2.05		
Toluene*	<0.050	0.050	12/12/2024	ND	1.90	94.8	2.00	0.526		
Ethylbenzene*	<0.050	0.050	12/12/2024	ND	1.94	96.9	2.00	0.517		
Total Xylenes*	<0.150	0.150	12/12/2024	ND	5.83	97.2	6.00	0.482		
Total BTEX	<0.300	0.300	12/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	12/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	208	104	200	2.59	
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	189	94.6	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND					

Surrogate: 1-Chlorooctane 95.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/12/2024	Sampling Date:	12/11/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 65 @ 4' (H247515-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/12/2024	ND	1.88	94.0	2.00	2.05		
Toluene*	<0.050	0.050	12/12/2024	ND	1.90	94.8	2.00	0.526		
Ethylbenzene*	<0.050	0.050	12/12/2024	ND	1.94	96.9	2.00	0.517		
Total Xylenes*	<0.150	0.150	12/12/2024	ND	5.83	97.2	6.00	0.482		
Total BTEX	<0.300	0.300	12/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	864	16.0	12/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	208	104	200	2.59	
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	189	94.6	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND					

Surrogate: 1-Chlorooctane 89.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/12/2024	Sampling Date:	12/11/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 66 @ 4' (H247515-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/12/2024	ND	1.88	94.0	2.00	2.05		
Toluene*	<0.050	0.050	12/12/2024	ND	1.90	94.8	2.00	0.526		
Ethylbenzene*	<0.050	0.050	12/12/2024	ND	1.94	96.9	2.00	0.517		
Total Xylenes*	<0.150	0.150	12/12/2024	ND	5.83	97.2	6.00	0.482		
Total BTEX	<0.300	0.300	12/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	12/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	208	104	200	2.59	
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	189	94.6	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND					

Surrogate: 1-Chlorooctane 91.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/12/2024	Sampling Date:	12/11/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 67 @ 4' (H247515-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/12/2024	ND	1.88	94.0	2.00	2.05		
Toluene*	<0.050	0.050	12/12/2024	ND	1.90	94.8	2.00	0.526		
Ethylbenzene*	<0.050	0.050	12/12/2024	ND	1.94	96.9	2.00	0.517		
Total Xylenes*	<0.150	0.150	12/12/2024	ND	5.83	97.2	6.00	0.482		
Total BTEX	<0.300	0.300	12/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	12/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	208	104	200	2.59	
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	189	94.6	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND					

Surrogate: 1-Chlorooctane 88.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/12/2024	Sampling Date:	12/11/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 68 @ 4' (H247515-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/12/2024	ND	1.88	94.0	2.00	2.05		
Toluene*	<0.050	0.050	12/12/2024	ND	1.90	94.8	2.00	0.526		
Ethylbenzene*	<0.050	0.050	12/12/2024	ND	1.94	96.9	2.00	0.517		
Total Xylenes*	<0.150	0.150	12/12/2024	ND	5.83	97.2	6.00	0.482		
Total BTEx	<0.300	0.300	12/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	12/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	208	104	200	2.59	
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	189	94.6	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND					

Surrogate: 1-Chlorooctane 93.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/12/2024	Sampling Date:	12/11/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 69 @ 4' (H247515-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/12/2024	ND	1.88	94.0	2.00	2.05		
Toluene*	<0.050	0.050	12/12/2024	ND	1.90	94.8	2.00	0.526		
Ethylbenzene*	<0.050	0.050	12/12/2024	ND	1.94	96.9	2.00	0.517		
Total Xylenes*	<0.150	0.150	12/12/2024	ND	5.83	97.2	6.00	0.482		
Total BTEx	<0.300	0.300	12/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	928	16.0	12/12/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	208	104	200	2.59	
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	189	94.6	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND					

Surrogate: 1-Chlorooctane 93.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/12/2024	Sampling Date:	12/11/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 70 @ 4' (H247515-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/12/2024	ND	1.88	94.0	2.00	2.05		
Toluene*	<0.050	0.050	12/12/2024	ND	1.90	94.8	2.00	0.526		
Ethylbenzene*	<0.050	0.050	12/12/2024	ND	1.94	96.9	2.00	0.517		
Total Xylenes*	<0.150	0.150	12/12/2024	ND	5.83	97.2	6.00	0.482		
Total BTEX	<0.300	0.300	12/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3960	16.0	12/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	208	104	200	2.59	
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	189	94.6	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND					

Surrogate: 1-Chlorooctane 93.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/12/2024	Sampling Date:	12/11/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 71 @ 4' (H247515-11)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/12/2024	ND	1.88	94.0	2.00	2.05	
Toluene*	<0.050	0.050	12/12/2024	ND	1.90	94.8	2.00	0.526	
Ethylbenzene*	<0.050	0.050	12/12/2024	ND	1.94	96.9	2.00	0.517	
Total Xylenes*	<0.150	0.150	12/12/2024	ND	5.83	97.2	6.00	0.482	
Total BTEX	<0.300	0.300	12/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	12/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	208	104	200	2.59	
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	189	94.6	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND					

Surrogate: 1-Chlorooctane 89.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/12/2024	Sampling Date:	12/11/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 72 @ 4' (H247515-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	1.88	94.0	2.00	2.05		
Toluene*	<0.050	0.050	12/13/2024	ND	1.90	94.8	2.00	0.526		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	1.94	96.9	2.00	0.517		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	5.83	97.2	6.00	0.482		
Total BTEX	<0.300	0.300	12/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	12/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	208	104	200	2.59	
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	189	94.6	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND					

Surrogate: 1-Chlorooctane 92.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/12/2024	Sampling Date:	12/11/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 73 @ 4' (H247515-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	1.88	94.0	2.00	2.05		
Toluene*	<0.050	0.050	12/13/2024	ND	1.90	94.8	2.00	0.526		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	1.94	96.9	2.00	0.517		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	5.83	97.2	6.00	0.482		
Total BTEX	<0.300	0.300	12/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	12/12/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	208	104	200	2.59	
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	189	94.6	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND					

Surrogate: 1-Chlorooctane 93.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/12/2024	Sampling Date:	12/11/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 74 @ 4' (H247515-14)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	1.88	94.0	2.00	2.05		
Toluene*	<0.050	0.050	12/13/2024	ND	1.90	94.8	2.00	0.526		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	1.94	96.9	2.00	0.517		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	5.83	97.2	6.00	0.482		
Total BTEX	<0.300	0.300	12/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	12/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	208	104	200	2.59	
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	189	94.6	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND					

Surrogate: 1-Chlorooctane 90.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/12/2024	Sampling Date:	12/11/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 75 @ 4' (H247515-15)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	1.88	94.0	2.00	2.05		
Toluene*	<0.050	0.050	12/13/2024	ND	1.90	94.8	2.00	0.526		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	1.94	96.9	2.00	0.517		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	5.83	97.2	6.00	0.482		
Total BTEX	<0.300	0.300	12/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	12/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	208	104	200	2.59	
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	189	94.6	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND					

Surrogate: 1-Chlorooctane 91.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/12/2024	Sampling Date:	12/11/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 76 @ 4' (H247515-16)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	1.88	94.0	2.00	2.05		
Toluene*	<0.050	0.050	12/13/2024	ND	1.90	94.8	2.00	0.526		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	1.94	96.9	2.00	0.517		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	5.83	97.2	6.00	0.482		
Total BTEX	<0.300	0.300	12/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	12/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	208	104	200	2.59	
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	189	94.6	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND					

Surrogate: 1-Chlorooctane 90.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.8 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/12/2024	Sampling Date:	12/11/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 77 @ 4' (H247515-17)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	1.88	94.0	2.00	2.05		
Toluene*	<0.050	0.050	12/13/2024	ND	1.90	94.8	2.00	0.526		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	1.94	96.9	2.00	0.517		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	5.83	97.2	6.00	0.482		
Total BTEX	<0.300	0.300	12/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	208	104	200	2.59	
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	189	94.6	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND					

Surrogate: 1-Chlorooctane 88.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/12/2024	Sampling Date:	12/11/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 78 @ 4' (H247515-18)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/13/2024	ND	1.88	94.0	2.00	2.05	
Toluene*	<0.050	0.050	12/13/2024	ND	1.90	94.8	2.00	0.526	
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	1.94	96.9	2.00	0.517	
Total Xylenes*	<0.150	0.150	12/13/2024	ND	5.83	97.2	6.00	0.482	
Total BTEX	<0.300	0.300	12/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	208	104	200	2.59	
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	189	94.6	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND					

Surrogate: 1-Chlorooctane 95.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.8 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/12/2024	Sampling Date:	12/11/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 79 @ 4' (H247515-19)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	1.88	94.0	2.00	2.05		
Toluene*	<0.050	0.050	12/13/2024	ND	1.90	94.8	2.00	0.526		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	1.94	96.9	2.00	0.517		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	5.83	97.2	6.00	0.482		
Total BTEX	<0.300	0.300	12/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	208	104	200	2.59	
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	189	94.6	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND					

Surrogate: 1-Chlorooctane 92.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.4 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/12/2024	Sampling Date:	12/11/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 80 @ 4' (H247515-20)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	1.88	94.0	2.00	2.05		
Toluene*	<0.050	0.050	12/13/2024	ND	1.90	94.8	2.00	0.526		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	1.94	96.9	2.00	0.517		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	5.83	97.2	6.00	0.482		
Total BTEX	<0.300	0.300	12/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	12/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	208	104	200	2.59		
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	189	94.6	200	5.23		
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND						

Surrogate: 1-Chlorooctane 86.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.8 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/12/2024
 Reported: 12/18/2024
 Project Name: WHITESNAKE 20/21 W2BC FEE #1H BAT
 Project Number: 20910
 Project Location: MEWBOURNE 32.296191-104.11026

Sampling Date: 12/11/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 81 @ 4' (H247515-21)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/12/2024	ND	2.11	105	2.00	4.29	QR-03
Toluene*	<0.050	0.050	12/12/2024	ND	2.00	100	2.00	2.42	QR-03
Ethylbenzene*	<0.050	0.050	12/12/2024	ND	2.02	101	2.00	4.78	QR-03
Total Xylenes*	<0.150	0.150	12/12/2024	ND	6.00	99.9	6.00	5.11	QR-03
Total BTEX	<0.300	0.300	12/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	12/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	190	95.1	200	1.35	
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	193	96.5	200	0.679	
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND					

Surrogate: 1-Chlorooctane 73.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.5 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/12/2024	Sampling Date:	12/11/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 82 @ 4' (H247515-22)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.11	105	2.00	4.29		
Toluene*	<0.050	0.050	12/13/2024	ND	2.00	100	2.00	2.42		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.02	101	2.00	4.78		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.00	99.9	6.00	5.11		
Total BTEX	<0.300	0.300	12/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	12/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	190	95.1	200	1.35	
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	193	96.5	200	0.679	
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND					

Surrogate: 1-Chlorooctane 86.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.5 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/12/2024	Sampling Date:	12/11/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 83 @ 4' (H247515-23)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.11	105	2.00	4.29		
Toluene*	<0.050	0.050	12/13/2024	ND	2.00	100	2.00	2.42		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.02	101	2.00	4.78		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.00	99.9	6.00	5.11		
Total BTEX	<0.300	0.300	12/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	190	95.1	200	1.35	
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	193	96.5	200	0.679	
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND					

Surrogate: 1-Chlorooctane 89.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.7 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/12/2024	Sampling Date:	12/11/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 84 @ 4' (H247515-24)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.11	105	2.00	4.29		
Toluene*	<0.050	0.050	12/13/2024	ND	2.00	100	2.00	2.42		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.02	101	2.00	4.78		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.00	99.9	6.00	5.11		
Total BTEX	<0.300	0.300	12/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	190	95.1	200	1.35		
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	193	96.5	200	0.679		
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND						

Surrogate: 1-Chlorooctane 85.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.3 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/12/2024	Sampling Date:	12/11/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 85 @ 4' (H247515-25)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.11	105	2.00	4.29		
Toluene*	<0.050	0.050	12/13/2024	ND	2.00	100	2.00	2.42		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.02	101	2.00	4.78		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.00	99.9	6.00	5.11		
Total BTEX	<0.300	0.300	12/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	12/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	190	95.1	200	1.35	
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	193	96.5	200	0.679	
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND					

Surrogate: 1-Chlorooctane 86.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/12/2024	Sampling Date:	12/11/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 86 @ 4' (H247515-26)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.11	105	2.00	4.29		
Toluene*	<0.050	0.050	12/13/2024	ND	2.00	100	2.00	2.42		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.02	101	2.00	4.78		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.00	99.9	6.00	5.11		
Total BTEX	<0.300	0.300	12/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	190	95.1	200	1.35	
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	193	96.5	200	0.679	
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND					

Surrogate: 1-Chlorooctane 87.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.7 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/12/2024	Sampling Date:	12/11/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 87 @ 4' (H247515-27)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.11	105	2.00	4.29		
Toluene*	<0.050	0.050	12/13/2024	ND	2.00	100	2.00	2.42		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.02	101	2.00	4.78		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.00	99.9	6.00	5.11		
Total BTEX	<0.300	0.300	12/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	12/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	190	95.1	200	1.35	
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	193	96.5	200	0.679	
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND					

Surrogate: 1-Chlorooctane 88.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.0 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/12/2024	Sampling Date:	12/11/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 88 @ 4' (H247515-28)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.11	105	2.00	4.29		
Toluene*	<0.050	0.050	12/13/2024	ND	2.00	100	2.00	2.42		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.02	101	2.00	4.78		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.00	99.9	6.00	5.11		
Total BTEX	<0.300	0.300	12/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	12/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	190	95.1	200	1.35	
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	193	96.5	200	0.679	
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND					

Surrogate: 1-Chlorooctane 89.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/12/2024	Sampling Date:	12/11/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 89 @ 4' (H247515-29)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.11	105	2.00	4.29		
Toluene*	<0.050	0.050	12/13/2024	ND	2.00	100	2.00	2.42		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.02	101	2.00	4.78		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.00	99.9	6.00	5.11		
Total BTEX	<0.300	0.300	12/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3760	16.0	12/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	190	95.1	200	1.35	
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	193	96.5	200	0.679	
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND					

Surrogate: 1-Chlorooctane 87.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.2 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/12/2024	Sampling Date:	12/11/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 90 @ 4' (H247515-30)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.11	105	2.00	4.29		
Toluene*	<0.050	0.050	12/13/2024	ND	2.00	100	2.00	2.42		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.02	101	2.00	4.78		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.00	99.9	6.00	5.11		
Total BTEX	<0.300	0.300	12/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	190	95.1	200	1.35	
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	193	96.5	200	0.679	
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND					

Surrogate: 1-Chlorooctane 89.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.7 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/12/2024	Sampling Date:	12/11/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 91 @ 4' (H247515-31)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.11	105	2.00	4.29		
Toluene*	<0.050	0.050	12/13/2024	ND	2.00	100	2.00	2.42		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.02	101	2.00	4.78		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.00	99.9	6.00	5.11		
Total BTEX	<0.300	0.300	12/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	12/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	190	95.1	200	1.35	
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	193	96.5	200	0.679	
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND					

Surrogate: 1-Chlorooctane 82.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.5 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/12/2024	Sampling Date:	12/11/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 92 @ 4' (H247515-32)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.11	105	2.00	4.29		
Toluene*	<0.050	0.050	12/13/2024	ND	2.00	100	2.00	2.42		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.02	101	2.00	4.78		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.00	99.9	6.00	5.11		
Total BTEX	<0.300	0.300	12/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	12/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	190	95.1	200	1.35	
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	193	96.5	200	0.679	
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND					

Surrogate: 1-Chlorooctane 89.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.2 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/12/2024	Sampling Date:	12/11/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 93 @ 4' (H247515-33)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.11	105	2.00	4.29		
Toluene*	<0.050	0.050	12/13/2024	ND	2.00	100	2.00	2.42		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.02	101	2.00	4.78		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.00	99.9	6.00	5.11		
Total BTEX	<0.300	0.300	12/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	640	16.0	12/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	190	95.1	200	1.35	
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	193	96.5	200	0.679	
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND					

Surrogate: 1-Chlorooctane 85.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/12/2024	Sampling Date:	12/11/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 94 @ 4' (H247515-34)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.11	105	2.00	4.29		
Toluene*	<0.050	0.050	12/13/2024	ND	2.00	100	2.00	2.42		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.02	101	2.00	4.78		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.00	99.9	6.00	5.11		
Total BTEX	<0.300	0.300	12/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	12/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	190	95.1	200	1.35	
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	193	96.5	200	0.679	
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND					

Surrogate: 1-Chlorooctane 87.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/12/2024	Sampling Date:	12/11/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 95 @ 4' (H247515-35)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.11	105	2.00	4.29		
Toluene*	<0.050	0.050	12/13/2024	ND	2.00	100	2.00	2.42		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.02	101	2.00	4.78		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.00	99.9	6.00	5.11		
Total BTEX	<0.300	0.300	12/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	704	16.0	12/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	190	95.1	200	1.35	
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	193	96.5	200	0.679	
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND					

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/12/2024	Sampling Date:	12/11/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 96 @ 4' (H247515-36)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.11	105	2.00	4.29		
Toluene*	<0.050	0.050	12/13/2024	ND	2.00	100	2.00	2.42		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.02	101	2.00	4.78		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.00	99.9	6.00	5.11		
Total BTEX	<0.300	0.300	12/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	12/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	190	95.1	200	1.35		
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	193	96.5	200	0.679		
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND						

Surrogate: 1-Chlorooctane 86.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/12/2024	Sampling Date:	12/11/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 97 @ 4' (H247515-37)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.11	105	2.00	4.29		
Toluene*	<0.050	0.050	12/13/2024	ND	2.00	100	2.00	2.42		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.02	101	2.00	4.78		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.00	99.9	6.00	5.11		
Total BTEX	<0.300	0.300	12/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	12/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	190	95.1	200	1.35		
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	193	96.5	200	0.679		
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND						

Surrogate: 1-Chlorooctane 86.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/12/2024	Sampling Date:	12/11/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: EW 7 (H247515-38)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.11	105	2.00	4.29		
Toluene*	<0.050	0.050	12/13/2024	ND	2.00	100	2.00	2.42		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.02	101	2.00	4.78		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.00	99.9	6.00	5.11		
Total BTEX	<0.300	0.300	12/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	190	95.1	200	1.35	
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	193	96.5	200	0.679	
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND					

Surrogate: 1-Chlorooctane 88.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.2 % 49.1-148

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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/12/2024	Sampling Date:	12/11/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: EW 8 (H247515-39)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2024	ND	2.11	105	2.00	4.29		
Toluene*	<0.050	0.050	12/13/2024	ND	2.00	100	2.00	2.42		
Ethylbenzene*	<0.050	0.050	12/13/2024	ND	2.02	101	2.00	4.78		
Total Xylenes*	<0.150	0.150	12/13/2024	ND	6.00	99.9	6.00	5.11		
Total BTEX	<0.300	0.300	12/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	190	95.1	200	1.35	
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	193	96.5	200	0.679	
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND					

Surrogate: 1-Chlorooctane 81.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/12/2024	Sampling Date:	12/11/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: SW 11 (H247515-40)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/14/2024	ND	1.87	93.5	2.00	3.01		
Toluene*	<0.050	0.050	12/14/2024	ND	1.91	95.7	2.00	1.83		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.97	98.7	2.00	1.13		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.02	100	6.00	1.58		
Total BTEX	<0.300	0.300	12/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	12/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	190	95.1	200	1.35	
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	193	96.5	200	0.679	
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND					

Surrogate: 1-Chlorooctane 86.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.0 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/12/2024	Sampling Date:	12/11/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: WW 7 (H247515-41)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/14/2024	ND	1.87	93.5	2.00	3.01		
Toluene*	<0.050	0.050	12/14/2024	ND	1.91	95.7	2.00	1.83		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.97	98.7	2.00	1.13		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.02	100	6.00	1.58		
Total BTEX	<0.300	0.300	12/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	12/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	187	93.6	200	0.824	
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	180	90.0	200	0.148	
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND					

Surrogate: 1-Chlorooctane 93.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.7 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/12/2024	Sampling Date:	12/11/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: WW 8 (H247515-42)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/14/2024	ND	1.87	93.5	2.00	3.01		
Toluene*	<0.050	0.050	12/14/2024	ND	1.91	95.7	2.00	1.83		
Ethylbenzene*	<0.050	0.050	12/14/2024	ND	1.97	98.7	2.00	1.13		
Total Xylenes*	<0.150	0.150	12/14/2024	ND	6.02	100	6.00	1.58		
Total BTEX	<0.300	0.300	12/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	12/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2024	ND	187	93.6	200	0.824	
DRO >C10-C28*	<10.0	10.0	12/12/2024	ND	180	90.0	200	0.148	
EXT DRO >C28-C36	<10.0	10.0	12/12/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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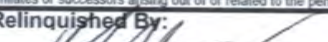
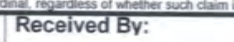

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Relinquished By: 		Date: 12-12-24 Time: 8:27		Received By: 		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:		All Results are emailed. Please provide Email address: pm@etechenv.com	
Relinquished By:		Date: Time:		Received By:		REMARKS:			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C: -1.8 Corrected Temp. °C: -2.4		Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: (Initials) 		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Thermometer ID #140 Correction Factor -0.6°C	
								Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C	



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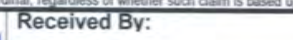
CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Relinquished By: 		Date: 12-12-24		Received By: 		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:	
Time: 8:27						All Results are emailed. Please provide Email address: pm@etechnv.com	
Relinquished By:		Date:		Received By:		REMARKS:	
		Time:					
Delivered By: (Circle One)		Observed Temp. °C -1.8°C		Sample Condition Cool Intact		CHECKED BY: (Initials) AD	
Sampler - UPS - Bus - Other:		Corrected Temp. °C -24.2		<input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Thermometer ID #140 Correction Factor -0.6°C	
						Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C	

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Relinquished By:		Date: 12-12-24 Time: 8:27		Received By: <i>apenas</i>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:		All Results are emailed. Please provide Email address: pm@etechenv.com			
Relinquished By:		Date: Time:		Received By:		REMARKS:					
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C: -1.8 Corrected Temp. °C: -2.42		Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: (Initials) <i>AP</i>		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>		Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No Corrected Temp. °C	
						Thermometer ID #140 Correction Factor -0.6°C					



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Relinquished By: 		Date: 12-12-24 Time: 8:27		Received By: 		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: All Results are emailed. Please provide Email address: pm@etechnv.com	
Relinquished By:		Date:		Received By:		REMARKS: *Customer requested Sample ID changes. to 12/16/24	
Delivered By: (Circle One)		Observed Temp. °C: -18°C		Sample Condition: Cool <input type="checkbox"/> Intact <input type="checkbox"/>		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	
Sampler - UPS - Bus - Other:		Corrected Temp. °C: -24°C		CHECKED BY: (Initials) AD		Bacteria (only) Sample Condition: Cool <input type="checkbox"/> Intact <input type="checkbox"/> Observed Temp. °C: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C:	
				Thermometer ID #140 Correction Factor -0.6°C			



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 5 of 5

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Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST																							
Project Manager: Lance Crenshaw				P.O. #:				<div style="display: flex; justify-content: space-around;"> <div>Chloride</div> <div>TPH (8015M)</div> <div>BTEX (8021B)</div> </div>																							
Address: 2617 West Marland				Company: Mewbourne																											
City: Hobbs State: NM Zip: 88240				Attn: Connor Walker																											
Phone #: (575) 264-9884 Fax #:				Address:																											
Project #: 20910 Project Owner: Mewbourne				City:																											
Project Name: Whitesnake 20/21 W2BC Fee #1H Battery				State: Zip:																											
Project Location: 32.296191, -104.11026				Phone #:																											
Sampler Name: Dominic Casarez				Fax #:																											
FOR LAB USE ONLY		Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX				PRESERV.		SAMPLING															
										GROUNDWATER																					
										WASTEWATER																					
										SOIL																					
										OIL																					
										SLUDGE																					
										OTHER:																					
										ACID/BASE:																					
										ICE / COOL																					
										OTHER:																					
														DATE		TIME															
H247515		41		WW 7		C		1		X				X		12/11/24				X X X											
42		WW 8		C		1		X				X		12/11/24				X X X													

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Relinquished By:		Date: 12/12/24		Received By:		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Time: 8:27		Time: 8:27		All Results are emailed. Please provide Email address: pm@etechenv.com			
Relinquished By:		Date:		Received By:		REMARKS:	
Time:							
Delivered By: (Circle One)		Observed Temp. °C: -1.82		Sample Condition: Cool Intact		CHECKED BY: (Initials) AD	
Sampler - UPS - Bus - Other:		Corrected Temp. °C: -2.42		Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	
						Thermometer ID #140 Correction Factor -0.6°C	
						Bacteria (only) Sample Condition: Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No	
						Observed Temp. °C: Corrected Temp. °C:	



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

December 18, 2024

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: WHITESNAKE 20/21 W2BC FEE #1H BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 12/13/24 8:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/13/2024	Sampling Date:	12/12/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 98 @ 4' (H247557-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/16/2024	ND	1.99	99.5	2.00	12.2	
Toluene*	<0.050	0.050	12/16/2024	ND	2.08	104	2.00	13.0	
Ethylbenzene*	<0.050	0.050	12/16/2024	ND	2.04	102	2.00	13.2	
Total Xylenes*	<0.150	0.150	12/16/2024	ND	6.47	108	6.00	11.9	
Total BTX	<0.300	0.300	12/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	12/18/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/16/2024	ND	206	103	200	0.993	
DRO >C10-C28*	<10.0	10.0	12/16/2024	ND	210	105	200	0.0234	
EXT DRO >C28-C36	<10.0	10.0	12/16/2024	ND					

Surrogate: 1-Chlorooctane 96.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.6 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/13/2024	Sampling Date:	12/12/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 99 @ 4' (H247557-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/16/2024	ND	1.99	99.5	2.00	12.2		
Toluene*	<0.050	0.050	12/16/2024	ND	2.08	104	2.00	13.0		
Ethylbenzene*	<0.050	0.050	12/16/2024	ND	2.04	102	2.00	13.2		
Total Xylenes*	<0.150	0.150	12/16/2024	ND	6.47	108	6.00	11.9		
Total BTEX	<0.300	0.300	12/16/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	512	16.0	12/18/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/16/2024	ND	206	103	200	0.993	
DRO >C10-C28*	<10.0	10.0	12/16/2024	ND	210	105	200	0.0234	
EXT DRO >C28-C36	<10.0	10.0	12/16/2024	ND					

Surrogate: 1-Chlorooctane 95.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.1 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/13/2024	Sampling Date:	12/12/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 100 @ 4' (H247557-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/16/2024	ND	1.99	99.5	2.00	12.2		
Toluene*	<0.050	0.050	12/16/2024	ND	2.08	104	2.00	13.0		
Ethylbenzene*	<0.050	0.050	12/16/2024	ND	2.04	102	2.00	13.2		
Total Xylenes*	<0.150	0.150	12/16/2024	ND	6.47	108	6.00	11.9		
Total BTEX	<0.300	0.300	12/16/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	12/18/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/16/2024	ND	206	103	200	0.993	
DRO >C10-C28*	<10.0	10.0	12/16/2024	ND	210	105	200	0.0234	
EXT DRO >C28-C36	<10.0	10.0	12/16/2024	ND					

Surrogate: 1-Chlorooctane 98.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.6 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/13/2024	Sampling Date:	12/12/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 101 @ 4' (H247557-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/16/2024	ND	1.99	99.5	2.00	12.2		
Toluene*	<0.050	0.050	12/16/2024	ND	2.08	104	2.00	13.0		
Ethylbenzene*	<0.050	0.050	12/16/2024	ND	2.04	102	2.00	13.2		
Total Xylenes*	<0.150	0.150	12/16/2024	ND	6.47	108	6.00	11.9		
Total BTEX	<0.300	0.300	12/16/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	12/18/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/16/2024	ND	206	103	200	0.993	
DRO >C10-C28*	<10.0	10.0	12/16/2024	ND	210	105	200	0.0234	
EXT DRO >C28-C36	<10.0	10.0	12/16/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/13/2024	Sampling Date:	12/12/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 102 @ 4' (H247557-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/16/2024	ND	1.99	99.5	2.00	12.2		
Toluene*	<0.050	0.050	12/16/2024	ND	2.08	104	2.00	13.0		
Ethylbenzene*	<0.050	0.050	12/16/2024	ND	2.04	102	2.00	13.2		
Total Xylenes*	<0.150	0.150	12/16/2024	ND	6.47	108	6.00	11.9		
Total BTEX	<0.300	0.300	12/16/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	12/18/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/16/2024	ND	206	103	200	0.993	
DRO >C10-C28*	<10.0	10.0	12/16/2024	ND	210	105	200	0.0234	
EXT DRO >C28-C36	<10.0	10.0	12/16/2024	ND					

Surrogate: 1-Chlorooctane 96.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.9 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/13/2024	Sampling Date:	12/12/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 103 @ 4' (H247557-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	1.99	99.5	2.00	12.2		
Toluene*	<0.050	0.050	12/17/2024	ND	2.08	104	2.00	13.0		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.04	102	2.00	13.2		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.47	108	6.00	11.9		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	12/18/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	206	103	200	0.993	
DRO >C10-C28*	54.8	10.0	12/17/2024	ND	210	105	200	0.0234	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 91.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.0 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/13/2024	Sampling Date:	12/12/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 104 @ 4' (H247557-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	1.99	99.5	2.00	12.2		
Toluene*	<0.050	0.050	12/17/2024	ND	2.08	104	2.00	13.0		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.04	102	2.00	13.2		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.47	108	6.00	11.9		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	12/18/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	206	103	200	0.993	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	210	105	200	0.0234	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 96.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.8 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/13/2024	Sampling Date:	12/12/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 105 @ 4' (H247557-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	1.99	99.5	2.00	12.2		
Toluene*	<0.050	0.050	12/17/2024	ND	2.08	104	2.00	13.0		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.04	102	2.00	13.2		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.47	108	6.00	11.9		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1300	16.0	12/18/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	206	103	200	0.993	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	210	105	200	0.0234	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 92.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.7 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/13/2024	Sampling Date:	12/12/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 106 @ 4' (H247557-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	1.99	99.5	2.00	12.2		
Toluene*	<0.050	0.050	12/17/2024	ND	2.08	104	2.00	13.0		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.04	102	2.00	13.2		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.47	108	6.00	11.9		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2080	16.0	12/17/2024	ND	416	104	400	7.41	QM-07	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	206	103	200	0.993	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	210	105	200	0.0234	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 96.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.5 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/13/2024	Sampling Date:	12/12/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 107 @ 4' (H247557-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	1.99	99.5	2.00	12.2		
Toluene*	<0.050	0.050	12/17/2024	ND	2.08	104	2.00	13.0		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.04	102	2.00	13.2		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.47	108	6.00	11.9		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	12/17/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/16/2024	ND	181	90.4	200	0.386	
DRO >C10-C28*	<10.0	10.0	12/16/2024	ND	190	95.0	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	12/16/2024	ND					

Surrogate: 1-Chlorooctane 81.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.4 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/13/2024	Sampling Date:	12/12/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 108 @ 4' (H247557-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	1.99	99.5	2.00	12.2		
Toluene*	<0.050	0.050	12/17/2024	ND	2.08	104	2.00	13.0		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.04	102	2.00	13.2		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.47	108	6.00	11.9		
Total BTEx	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	12/17/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/16/2024	ND	181	90.4	200	0.386	
DRO >C10-C28*	<10.0	10.0	12/16/2024	ND	190	95.0	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	12/16/2024	ND					

Surrogate: 1-Chlorooctane 87.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.6 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/13/2024	Sampling Date:	12/12/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 109 @ 4' (H247557-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	1.99	99.5	2.00	12.2		
Toluene*	<0.050	0.050	12/17/2024	ND	2.08	104	2.00	13.0		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.04	102	2.00	13.2		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.47	108	6.00	11.9		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	928	16.0	12/17/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/16/2024	ND	181	90.4	200	0.386	
DRO >C10-C28*	<10.0	10.0	12/16/2024	ND	190	95.0	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	12/16/2024	ND					

Surrogate: 1-Chlorooctane 86.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/13/2024	Sampling Date:	12/12/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 110 @ 4' (H247557-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	1.99	99.5	2.00	12.2		
Toluene*	<0.050	0.050	12/17/2024	ND	2.08	104	2.00	13.0		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.04	102	2.00	13.2		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.47	108	6.00	11.9		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1120	16.0	12/17/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/16/2024	ND	181	90.4	200	0.386	
DRO >C10-C28*	<10.0	10.0	12/16/2024	ND	190	95.0	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	12/16/2024	ND					

Surrogate: 1-Chlorooctane 93.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.0 % 49.1-148

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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/13/2024	Sampling Date:	12/12/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 111 @ 4' (H247557-14)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	1.99	99.5	2.00	12.2		
Toluene*	<0.050	0.050	12/17/2024	ND	2.08	104	2.00	13.0		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.04	102	2.00	13.2		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.47	108	6.00	11.9		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	12/17/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/16/2024	ND	181	90.4	200	0.386	
DRO >C10-C28*	<10.0	10.0	12/16/2024	ND	190	95.0	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	12/16/2024	ND					

Surrogate: 1-Chlorooctane 83.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.7 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/13/2024	Sampling Date:	12/12/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 112 @ 4' (H247557-15)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	1.99	99.5	2.00	12.2		
Toluene*	<0.050	0.050	12/17/2024	ND	2.08	104	2.00	13.0		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.04	102	2.00	13.2		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.47	108	6.00	11.9		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	12/17/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/16/2024	ND	181	90.4	200	0.386	
DRO >C10-C28*	<10.0	10.0	12/16/2024	ND	190	95.0	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	12/16/2024	ND					

Surrogate: 1-Chlorooctane 80.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/13/2024
 Reported: 12/18/2024
 Project Name: WHITESNAKE 20/21 W2BC FEE #1H BAT
 Project Number: 20910
 Project Location: MEWBOURNE 32.296191-104.11026

Sampling Date: 12/12/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 113 @ 4' (H247557-16)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/17/2024	ND	1.96	97.8	2.00	12.4	
Toluene*	<0.050	0.050	12/17/2024	ND	1.91	95.4	2.00	13.4	
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	1.93	96.5	2.00	13.8	
Total Xylenes*	<0.150	0.150	12/17/2024	ND	5.77	96.2	6.00	14.4	
Total BTEX	<0.300	0.300	12/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	12/17/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/16/2024	ND	181	90.4	200	0.386	
DRO >C10-C28*	<10.0	10.0	12/16/2024	ND	190	95.0	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	12/16/2024	ND					

Surrogate: 1-Chlorooctane 85.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.0 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/13/2024	Sampling Date:	12/12/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 114 @ 4' (H247557-17)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	1.96	97.8	2.00	12.4		
Toluene*	<0.050	0.050	12/17/2024	ND	1.91	95.4	2.00	13.4		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	1.93	96.5	2.00	13.8		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	5.77	96.2	6.00	14.4		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	12/17/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/16/2024	ND	181	90.4	200	0.386	
DRO >C10-C28*	<10.0	10.0	12/16/2024	ND	190	95.0	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	12/16/2024	ND					

Surrogate: 1-Chlorooctane 83.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/13/2024
 Reported: 12/18/2024
 Project Name: WHITESNAKE 20/21 W2BC FEE #1H BAT
 Project Number: 20910
 Project Location: MEWBOURNE 32.296191-104.11026

Sampling Date: 12/12/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 115 @ 4' (H247557-18)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	1.96	97.8	2.00	12.4		
Toluene*	<0.050	0.050	12/17/2024	ND	1.91	95.4	2.00	13.4		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	1.93	96.5	2.00	13.8		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	5.77	96.2	6.00	14.4		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	12/17/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/16/2024	ND	181	90.4	200	0.386	
DRO >C10-C28*	<10.0	10.0	12/16/2024	ND	190	95.0	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	12/16/2024	ND					

Surrogate: 1-Chlorooctane 82.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/13/2024	Sampling Date:	12/12/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 116 @ 4' (H247557-19)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	1.96	97.8	2.00	12.4		
Toluene*	<0.050	0.050	12/17/2024	ND	1.91	95.4	2.00	13.4		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	1.93	96.5	2.00	13.8		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	5.77	96.2	6.00	14.4		
Total BTEx	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	12/17/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/16/2024	ND	181	90.4	200	0.386	
DRO >C10-C28*	<10.0	10.0	12/16/2024	ND	190	95.0	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	12/16/2024	ND					

Surrogate: 1-Chlorooctane 88.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.0 % 49.1-148

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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/13/2024	Sampling Date:	12/12/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 117 @ 4' (H247557-20)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	1.96	97.8	2.00	12.4		
Toluene*	<0.050	0.050	12/17/2024	ND	1.91	95.4	2.00	13.4		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	1.93	96.5	2.00	13.8		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	5.77	96.2	6.00	14.4		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	12/17/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/16/2024	ND	181	90.4	200	0.386	
DRO >C10-C28*	<10.0	10.0	12/16/2024	ND	190	95.0	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	12/16/2024	ND					

Surrogate: 1-Chlorooctane 73.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.4 % 49.1-148

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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/13/2024	Sampling Date:	12/12/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 118 @ 4' (H247557-21)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	1.96	97.8	2.00	12.4		
Toluene*	<0.050	0.050	12/17/2024	ND	1.91	95.4	2.00	13.4		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	1.93	96.5	2.00	13.8		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	5.77	96.2	6.00	14.4		
Total BTEx	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	896	16.0	12/17/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/16/2024	ND	181	90.4	200	0.386	
DRO >C10-C28*	<10.0	10.0	12/16/2024	ND	190	95.0	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	12/16/2024	ND					

Surrogate: 1-Chlorooctane 88.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/13/2024	Sampling Date:	12/12/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 119 @ 4' (H247557-22)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	1.96	97.8	2.00	12.4		
Toluene*	<0.050	0.050	12/17/2024	ND	1.91	95.4	2.00	13.4		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	1.93	96.5	2.00	13.8		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	5.77	96.2	6.00	14.4		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	768	16.0	12/17/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/16/2024	ND	181	90.4	200	0.386	
DRO >C10-C28*	<10.0	10.0	12/16/2024	ND	190	95.0	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	12/16/2024	ND					

Surrogate: 1-Chlorooctane 85.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/13/2024	Sampling Date:	12/12/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 120 @ 4' (H247557-23)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	1.96	97.8	2.00	12.4		
Toluene*	<0.050	0.050	12/17/2024	ND	1.91	95.4	2.00	13.4		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	1.93	96.5	2.00	13.8		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	5.77	96.2	6.00	14.4		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5440	16.0	12/17/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/16/2024	ND	181	90.4	200	0.386	
DRO >C10-C28*	<10.0	10.0	12/16/2024	ND	190	95.0	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	12/16/2024	ND					

Surrogate: 1-Chlorooctane 87.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/13/2024	Sampling Date:	12/12/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 121 @ 4' (H247557-24)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	1.96	97.8	2.00	12.4		
Toluene*	<0.050	0.050	12/17/2024	ND	1.91	95.4	2.00	13.4		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	1.93	96.5	2.00	13.8		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	5.77	96.2	6.00	14.4		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	704	16.0	12/17/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	181	90.4	200	0.386	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	190	95.0	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 88.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/13/2024	Sampling Date:	12/12/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 122 @ 4' (H247557-25)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	1.96	97.8	2.00	12.4		
Toluene*	<0.050	0.050	12/17/2024	ND	1.91	95.4	2.00	13.4		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	1.93	96.5	2.00	13.8		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	5.77	96.2	6.00	14.4		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3560	16.0	12/17/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	181	90.4	200	0.386	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	190	95.0	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 88.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/13/2024	Sampling Date:	12/12/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 123 @ 4' (H247557-26)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	1.96	97.8	2.00	12.4		
Toluene*	<0.050	0.050	12/17/2024	ND	1.91	95.4	2.00	13.4		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	1.93	96.5	2.00	13.8		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	5.77	96.2	6.00	14.4		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	12/17/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	181	90.4	200	0.386	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	190	95.0	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 80.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/13/2024
 Reported: 12/18/2024
 Project Name: WHITESNAKE 20/21 W2BC FEE #1H BAT
 Project Number: 20910
 Project Location: MEWBOURNE 32.296191-104.11026

Sampling Date: 12/12/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 124 @ 4' (H247557-27)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	1.96	97.8	2.00	12.4		
Toluene*	<0.050	0.050	12/17/2024	ND	1.91	95.4	2.00	13.4		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	1.93	96.5	2.00	13.8		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	5.77	96.2	6.00	14.4		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1620	16.0	12/17/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	181	90.4	200	0.386	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	190	95.0	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/13/2024	Sampling Date:	12/12/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 125 @ 4' (H247557-28)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	1.96	97.8	2.00	12.4		
Toluene*	<0.050	0.050	12/17/2024	ND	1.91	95.4	2.00	13.4		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	1.93	96.5	2.00	13.8		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	5.77	96.2	6.00	14.4		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1070	16.0	12/17/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	181	90.4	200	0.386		
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	190	95.0	200	5.38		
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND						

Surrogate: 1-Chlorooctane 95.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.8 % 49.1-148

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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/13/2024	Sampling Date:	12/12/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 126 @ 4' (H247557-29)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	1.96	97.8	2.00	12.4		
Toluene*	<0.050	0.050	12/17/2024	ND	1.91	95.4	2.00	13.4		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	1.93	96.5	2.00	13.8		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	5.77	96.2	6.00	14.4		
Total BTX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	12/18/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	181	90.4	200	0.386	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	190	95.0	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 91.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/13/2024	Sampling Date:	12/12/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 127 @ 4' (H247557-30)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	1.96	97.8	2.00	12.4		
Toluene*	<0.050	0.050	12/17/2024	ND	1.91	95.4	2.00	13.4		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	1.93	96.5	2.00	13.8		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	5.77	96.2	6.00	14.4		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	12/18/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/16/2024	ND	191	95.3	200	0.766	
DRO >C10-C28*	<10.0	10.0	12/16/2024	ND	180	89.9	200	0.473	
EXT DRO >C28-C36	<10.0	10.0	12/16/2024	ND					

Surrogate: 1-Chlorooctane 92.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/13/2024	Sampling Date:	12/12/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 128 @ 4' (H247557-31)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	1.96	97.8	2.00	12.4		
Toluene*	<0.050	0.050	12/17/2024	ND	1.91	95.4	2.00	13.4		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	1.93	96.5	2.00	13.8		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	5.77	96.2	6.00	14.4		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	12/18/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/16/2024	ND	191	95.3	200	0.766	
DRO >C10-C28*	<10.0	10.0	12/16/2024	ND	180	89.9	200	0.473	
EXT DRO >C28-C36	<10.0	10.0	12/16/2024	ND					

Surrogate: 1-Chlorooctane 98.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/13/2024
 Reported: 12/18/2024
 Project Name: WHITESNAKE 20/21 W2BC FEE #1H BAT
 Project Number: 20910
 Project Location: MEWBOURNE 32.296191-104.11026

Sampling Date: 12/12/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 129 @ 4' (H247557-32)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	1.96	97.8	2.00	12.4		
Toluene*	<0.050	0.050	12/17/2024	ND	1.91	95.4	2.00	13.4		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	1.93	96.5	2.00	13.8		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	5.77	96.2	6.00	14.4		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	12/18/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/16/2024	ND	191	95.3	200	0.766	
DRO >C10-C28*	<10.0	10.0	12/16/2024	ND	180	89.9	200	0.473	
EXT DRO >C28-C36	<10.0	10.0	12/16/2024	ND					

Surrogate: 1-Chlorooctane 98.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/13/2024	Sampling Date:	12/12/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 130 @ 4' (H247557-33)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	1.96	97.8	2.00	12.4		
Toluene*	<0.050	0.050	12/17/2024	ND	1.91	95.4	2.00	13.4		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	1.93	96.5	2.00	13.8		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	5.77	96.2	6.00	14.4		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	12/18/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/16/2024	ND	191	95.3	200	0.766	
DRO >C10-C28*	<10.0	10.0	12/16/2024	ND	180	89.9	200	0.473	
EXT DRO >C28-C36	<10.0	10.0	12/16/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.3 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/13/2024	Sampling Date:	12/12/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 131 @ 4' (H247557-34)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	1.96	97.8	2.00	12.4		
Toluene*	<0.050	0.050	12/17/2024	ND	1.91	95.4	2.00	13.4		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	1.93	96.5	2.00	13.8		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	5.77	96.2	6.00	14.4		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	12/18/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/16/2024	ND	191	95.3	200	0.766	
DRO >C10-C28*	<10.0	10.0	12/16/2024	ND	180	89.9	200	0.473	
EXT DRO >C28-C36	<10.0	10.0	12/16/2024	ND					

Surrogate: 1-Chlorooctane 94.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/13/2024	Sampling Date:	12/12/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 132 @ 4' (H247557-35)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	1.96	97.8	2.00	12.4		
Toluene*	<0.050	0.050	12/17/2024	ND	1.91	95.4	2.00	13.4		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	1.93	96.5	2.00	13.8		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	5.77	96.2	6.00	14.4		
Total BTEx	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	816	16.0	12/18/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/16/2024	ND	191	95.3	200	0.766	
DRO >C10-C28*	<10.0	10.0	12/16/2024	ND	180	89.9	200	0.473	
EXT DRO >C28-C36	<10.0	10.0	12/16/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.6 % 49.1-148

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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/13/2024	Sampling Date:	12/12/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 133 @ 4' (H247557-36)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	1.84	92.1	2.00	12.6		
Toluene*	<0.050	0.050	12/17/2024	ND	1.89	94.5	2.00	13.1		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	1.92	95.8	2.00	14.0		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	5.77	96.1	6.00	14.3		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	12/18/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/16/2024	ND	191	95.3	200	0.766	
DRO >C10-C28*	<10.0	10.0	12/16/2024	ND	180	89.9	200	0.473	
EXT DRO >C28-C36	<10.0	10.0	12/16/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/13/2024	Sampling Date:	12/12/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 134 @ 4' (H247557-37)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	1.84	92.1	2.00	12.6		
Toluene*	<0.050	0.050	12/17/2024	ND	1.89	94.5	2.00	13.1		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	1.92	95.8	2.00	14.0		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	5.77	96.1	6.00	14.3		
Total BTX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	12/18/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/16/2024	ND	191	95.3	200	0.766	
DRO >C10-C28*	<10.0	10.0	12/16/2024	ND	180	89.9	200	0.473	
EXT DRO >C28-C36	<10.0	10.0	12/16/2024	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/13/2024	Sampling Date:	12/12/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 135 @ 4' (H247557-38)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	1.84	92.1	2.00	12.6		
Toluene*	<0.050	0.050	12/17/2024	ND	1.89	94.5	2.00	13.1		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	1.92	95.8	2.00	14.0		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	5.77	96.1	6.00	14.3		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1340	16.0	12/18/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/16/2024	ND	191	95.3	200	0.766	
DRO >C10-C28*	<10.0	10.0	12/16/2024	ND	180	89.9	200	0.473	
EXT DRO >C28-C36	<10.0	10.0	12/16/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/13/2024	Sampling Date:	12/12/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 136 @ 4' (H247557-39)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	1.84	92.1	2.00	12.6		
Toluene*	<0.050	0.050	12/17/2024	ND	1.89	94.5	2.00	13.1		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	1.92	95.8	2.00	14.0		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	5.77	96.1	6.00	14.3		
Total BTEx	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	480	16.0	12/18/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/16/2024	ND	191	95.3	200	0.766	
DRO >C10-C28*	<10.0	10.0	12/16/2024	ND	180	89.9	200	0.473	
EXT DRO >C28-C36	<10.0	10.0	12/16/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/13/2024	Sampling Date:	12/12/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 137 @ 4' (H247557-40)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	1.84	92.1	2.00	12.6		
Toluene*	<0.050	0.050	12/17/2024	ND	1.89	94.5	2.00	13.1		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	1.92	95.8	2.00	14.0		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	5.77	96.1	6.00	14.3		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	944	16.0	12/18/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/16/2024	ND	191	95.3	200	0.766	
DRO >C10-C28*	<10.0	10.0	12/16/2024	ND	180	89.9	200	0.473	
EXT DRO >C28-C36	<10.0	10.0	12/16/2024	ND					

Surrogate: 1-Chlorooctane 97.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/13/2024	Sampling Date:	12/12/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 138 @ 4' (H247557-41)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	1.84	92.1	2.00	12.6		
Toluene*	<0.050	0.050	12/17/2024	ND	1.89	94.5	2.00	13.1		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	1.92	95.8	2.00	14.0		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	5.77	96.1	6.00	14.3		
Total BTEx	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	12/18/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/16/2024	ND	191	95.3	200	0.766	
DRO >C10-C28*	<10.0	10.0	12/16/2024	ND	180	89.9	200	0.473	
EXT DRO >C28-C36	<10.0	10.0	12/16/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/13/2024	Sampling Date:	12/12/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 139 @ 4' (H247557-42)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	1.84	92.1	2.00	12.6		
Toluene*	<0.050	0.050	12/17/2024	ND	1.89	94.5	2.00	13.1		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	1.92	95.8	2.00	14.0		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	5.77	96.1	6.00	14.3		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	12/18/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/16/2024	ND	191	95.3	200	0.766	
DRO >C10-C28*	<10.0	10.0	12/16/2024	ND	180	89.9	200	0.473	
EXT DRO >C28-C36	<10.0	10.0	12/16/2024	ND					

Surrogate: 1-Chlorooctane 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/13/2024	Sampling Date:	12/12/2024
Reported:	12/18/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 140 @ 4' (H247557-43)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	1.84	92.1	2.00	12.6		
Toluene*	<0.050	0.050	12/17/2024	ND	1.89	94.5	2.00	13.1		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	1.92	95.8	2.00	14.0		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	5.77	96.1	6.00	14.3		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	12/18/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/16/2024	ND	191	95.3	200	0.766	
DRO >C10-C28*	<10.0	10.0	12/16/2024	ND	180	89.9	200	0.473	
EXT DRO >C28-C36	<10.0	10.0	12/16/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.6 % 49.1-148

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Notes and Definitions

S-05	The surrogate recovery is outside of lab established statistical control limits but still within method limits. Data is not adversely affected.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 5

Page 46 of 50

Company Name: Etech Environmental & Safety Solutions, Inc. Project Manager: Lance Crenshaw Address: 2617 West Marland City: Hobbs State: NM Zip: 88240 Phone #: (575) 264-9884 Fax #: Project #: 20910 Project Owner: Mewbourne Project Name: Whitesnake 20/21 W2BC Fee #1H Battery Project Location: 32.296191, -104.11026 Sampler Name: Dominic Casarez				BILL TO				ANALYSIS REQUEST															
				P.O. #: Company: Mewbourne Attn: Connor Walker Address: City: State: Zip: Phone #: Fax #:				<div style="display: flex; justify-content: space-around;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Chloride</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH (8015M)</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX (8021B)</div> </div>															
Lab I.D. H20-7557		Sample I.D.		FOR LAB USE ONLY		MATRIX		PRESERV.		SAMPLING													
				(GRAB OR (C)OMP. # CONTAINERS		GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :		ACID/BASE: ICE / COOL OTHER :		DATE TIME													
1		FL 98 @ 4'		C 1		X		X		12/12/24		X X X											
2		FL 99 @ 4'		C 1		X		X		12/12/24		X X X											
3		FL 100 @ 4'		C 1		X		X		12/12/24		X X X											
4		FL 101 @ 4'		C 1		X		X		12/12/24		X X X											
5		FL 102 @ 4'		C 1		X		X		12/12/24		X X X											
6		FL 103 @ 4'		C 1		X		X		12/12/24		X X X											
7		FL 104 @ 4'		C 1		X		X		12/12/24		X X X											
8		FL 105 @ 4'		C 1		X		X		12/12/24		X X X											
9		FL 106 @ 4'		C 1		X		X		12/12/24		X X X											
10		FL 107 @ 4'		C 1		X		X		12/12/24		X X X											

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Relinquished By: 		Date: 12-13-24 Time: 8:15		Received By: 		Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #: All Results are emailed. Please provide Email address: pm@etechenv.com	
Relinquished By: _____		Date: _____ Time: _____		Received By: _____		REMARKS: 	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C 48.2 Corrected Temp. °C 54.2		Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
				CHECKED BY: (Initials) 		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Thermometer ID #140 Correction Factor -0.6°C	
				Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C			



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 2 of 5

Page 47 of 50

(575) 393-2326 FAX (575) 393-2476				BILL TO				ANALYSIS REQUEST															
Company Name: Etech Environmental & Safety Solutions, Inc.				P.O. #:				<div style="display: flex; justify-content: space-around; font-weight: bold;"> <div>Chloride</div> <div>TPH (8015M)</div> <div>BTEX (8021B)</div> </div>															
Project Manager: Lance Crenshaw				Company: Mewbourne																			
Address: 2617 West Marland				Attn: Connor Walker																			
City: Hobbs State: NM Zip: 88240				Address:																			
Phone #: (575) 264-9884 Fax #:				City:																			
Project #: 20910 Project Owner: Mewbourne				State: Zip:																			
Project Name: Whitesnake 20/21 W2BC Fee #1H Battery				Phone #:																			
Project Location: 32.296191, -104.11026				Fax #:																			
Sampler Name: Dominic Casarez																							
FOR LAB USE ONLY				MATRIX				PRESERV.				SAMPLING											
Lab I.D.		Sample I.D.		(GRAB OR (COMP. # CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE		TIME							
1124-557				C	1	X					X			12/12/24			X	X	X				
12				C	1	X					X			12/12/24			X	X	X				
13				C	1	X					X			12/12/24			X	X	X				
14				C	1	X					X			12/12/24			X	X	X				
15				C	1	X					X			12/12/24			X	X	X				
16				C	1	X					X			12/12/24			X	X	X				
17				C	1	X					X			12/12/24			X	X	X				
18				C	1	X					X			12/12/24			X	X	X				



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 3 of 5

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Company Name: Etech Environmental & Safety Solutions, Inc. Project Manager: Lance Crenshaw Address: 2617 West Marland City: Hobbs State: NM Zip: 88240 Phone #: (575) 264-9884 Fax #: Project #: 20910 Project Owner: Mewbourne Project Name: Whitesnake 20/21 W2BC Fee #1H Battery Project Location: 32.296191, -104.11026 Sampler Name: Dominic Casarez				BILL TO				ANALYSIS REQUEST																	
				P.O. #: Company: Mewbourne Attn: Connor Walker Address: City: State: Zip: Phone #: Fax #:				<div style="display: flex; justify-content: space-around; font-weight: bold;"> <div>Chloride</div> <div>TPH (8015M)</div> <div>BTEX (8021B)</div> </div>																	
FOR LAB USE ONLY		Lab I.D.		Sample I.D.		(G/RAB OR (C/COMP. # CONTAINERS		MATRIX		PRESERV.		SAMPLING													
								GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:		ACID/BASE: ICE / COOL OTHER:		DATE TIME													
H247357																									
21		FL 118 @ 4'		C 1				X		X		12/12/24		X X X											
22		FL 119 @ 4'		C 1				X		X		12/12/24		X X X											
23		FL 120 @ 4'		C 1				X		X		12/12/24		X X X											
24		FL 121 @ 4'		C 1				X		X		12/12/24		X X X											
25		FL 122 @ 4'		C 1				X		X		12/12/24		X X X											
26		FL 123 @ 4'		C 1				X		X		12/12/24		X X X											
27		FL 124 @ 4'		C 1				X		X		12/12/24		X X X											
28		FL 125 @ 4'		C 1				X		X		12/12/24		X X X											
29		FL 126 @ 4'		C 1				X		X		12/12/24		X X X											
30		FL 127 @ 4'		C 1				X		X		12/12/24		X X X											

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Relinquished By: 		Date: 12-13-24 Time: 8:15		Received By: 		Date: Time:		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: All Results are emailed. Please provide Email address: pm@etechenv.com	
Relinquished By:		Date:		Received By:		REMARKS:		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C -4.8 Corrected Temp. °C -5.4		Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: (Initials)		Thermometer ID #140 Correction Factor -0.6°C	
								Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No Corrected Temp. °C	

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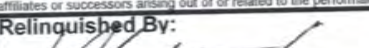
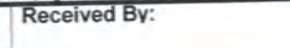

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 4 of 5

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[illegible]

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Relinquished By: 		Date: 12-13-24 Time: 8:15		Received By: 		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:		All Results are emailed. Please provide Email address: pm@etechenv.com	
Relinquished By:		Date: Time:		Received By:		REMARKS:			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C: -4.8 Corrected Temp. °C: -5.4		Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: (Initials) 		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Thermometer ID #140 Correction Factor -0.6°C	
								Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No Corrected Temp. °C	



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 5 of 5

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST																			
Project Manager: Lance Crenshaw				P.O. #:				<div style="display: flex; justify-content: space-around;"> <div>Chloride</div> <div>TPH (8015M)</div> <div>BTEX (8021B)</div> </div>																			
Address: 2617 West Marland				Company: Mewbourne																							
City: Hobbs State: NM Zip: 88240				Attn: Connor Walker																							
Phone #: (575) 264-9884 Fax #:				Address:																							
Project #: 20910 Project Owner: Mewbourne				City:																							
Project Name: Whitesnake 20/21 W2BC Fee #1H Battery				State: Zip:																							
Project Location: 32.296191, -104.11026				Phone #:																							
Sampler Name: Dominic Casarez				Fax #:																							
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING																			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME													
18247557																											
41	FL 138 @ 4'	C	1			X				X			12/12/24		X	X	X										
42	FL 139 @ 4'	C	1			X				X			12/12/24		X	X	X										
43	FL 140 @ 4'	C	1			X				X			12/12/24		X	X	X										

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Relinquished By:		Date: 12/13/24	Received By:		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Relinquished By:		Date:	Received By:		All Results are emailed. Please provide Email address: pm@etechenv.com	
Time: 8:15		Date:	Time:		REMARKS:	
Delivered By: (Circle One)		Observed Temp. °C 48.2	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	
Sampler - UPS - Bus - Other:		Corrected Temp. °C -54.4	CHECKED BY: (Initials) AD		Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No	
					Thermometer ID #140 Correction Factor -0.6°C	



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

December 20, 2024

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: WHITESNAKE 20/21 W2BC FEE #1H BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 12/16/24 8:29.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/16/2024	Sampling Date:	12/13/2024
Reported:	12/20/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 141 @ 4' (H247581-01)

BTEX 8021B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/17/2024	ND	2.00	100	2.00	3.51	
Toluene*	<0.050	0.050	12/17/2024	ND	2.03	102	2.00	8.74	
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.10	105	2.00	11.6	
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.22	104	6.00	12.0	
Total BTEX	<0.300	0.300	12/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B			mg/kg		Analyzed By: KV				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	928	16.0	12/18/2024	ND	432	108	400	0.00	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	189	94.6	200	3.21	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	169	84.6	200	3.62	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 93.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.2 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/16/2024	Sampling Date:	12/13/2024
Reported:	12/20/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 142 @ 4' (H247581-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	2.00	100	2.00	3.51		
Toluene*	<0.050	0.050	12/17/2024	ND	2.03	102	2.00	8.74		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.10	105	2.00	11.6		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.22	104	6.00	12.0		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	432	16.0	12/18/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	189	94.6	200	3.21	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	169	84.6	200	3.62	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 91.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/16/2024	Sampling Date:	12/13/2024
Reported:	12/20/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 143 @ 4' (H247581-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	2.00	100	2.00	3.51		
Toluene*	<0.050	0.050	12/17/2024	ND	2.03	102	2.00	8.74		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.10	105	2.00	11.6		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.22	104	6.00	12.0		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	12/18/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	189	94.6	200	3.21		
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	169	84.6	200	3.62		
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND						

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/16/2024	Sampling Date:	12/13/2024
Reported:	12/20/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 144 @ 4' (H247581-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	2.00	100	2.00	3.51		
Toluene*	<0.050	0.050	12/17/2024	ND	2.03	102	2.00	8.74		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.10	105	2.00	11.6		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.22	104	6.00	12.0		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	12/18/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	189	94.6	200	3.21		
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	169	84.6	200	3.62		
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND						

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/16/2024	Sampling Date:	12/13/2024
Reported:	12/20/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 145 @ 4' (H247581-05)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	2.00	100	2.00	3.51		
Toluene*	<0.050	0.050	12/17/2024	ND	2.03	102	2.00	8.74		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.10	105	2.00	11.6		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.22	104	6.00	12.0		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2100	16.0	12/18/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	189	94.6	200	3.21	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	169	84.6	200	3.62	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/16/2024	Sampling Date:	12/13/2024
Reported:	12/20/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 146 @ 4' (H247581-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	2.00	100	2.00	3.51		
Toluene*	<0.050	0.050	12/17/2024	ND	2.03	102	2.00	8.74		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.10	105	2.00	11.6		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.22	104	6.00	12.0		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	12/18/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	189	94.6	200	3.21		
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	169	84.6	200	3.62		
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND						

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.5 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/16/2024	Sampling Date:	12/13/2024
Reported:	12/20/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 147 @ 4' (H247581-07)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/17/2024	ND	2.00	100	2.00	3.51	
Toluene*	<0.050	0.050	12/17/2024	ND	2.03	102	2.00	8.74	
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.10	105	2.00	11.6	
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.22	104	6.00	12.0	
Total BTEX	<0.300	0.300	12/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	464	16.0	12/18/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	189	94.6	200	3.21	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	169	84.6	200	3.62	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.6 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/16/2024	Sampling Date:	12/13/2024
Reported:	12/20/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 148 @ 4' (H247581-08)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	2.00	100	2.00	3.51		
Toluene*	<0.050	0.050	12/17/2024	ND	2.03	102	2.00	8.74		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.10	105	2.00	11.6		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.22	104	6.00	12.0		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	12/18/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	189	94.6	200	3.21	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	169	84.6	200	3.62	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.8 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/16/2024	Sampling Date:	12/13/2024
Reported:	12/20/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 149 @ 4' (H247581-09)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/17/2024	ND	2.00	100	2.00	3.51	
Toluene*	<0.050	0.050	12/17/2024	ND	2.03	102	2.00	8.74	
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.10	105	2.00	11.6	
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.22	104	6.00	12.0	
Total BTEX	<0.300	0.300	12/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	720	16.0	12/18/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	189	94.6	200	3.21	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	169	84.6	200	3.62	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/16/2024	Sampling Date:	12/13/2024
Reported:	12/20/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 150 @ 4' (H247581-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	2.00	100	2.00	3.51		
Toluene*	<0.050	0.050	12/17/2024	ND	2.03	102	2.00	8.74		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.10	105	2.00	11.6		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.22	104	6.00	12.0		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	12/18/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	189	94.6	200	3.21		
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	169	84.6	200	3.62		
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND						

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/16/2024	Sampling Date:	12/13/2024
Reported:	12/20/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 151 @ 4' (H247581-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	2.00	100	2.00	3.51		
Toluene*	<0.050	0.050	12/17/2024	ND	2.03	102	2.00	8.74		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.10	105	2.00	11.6		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.22	104	6.00	12.0		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2600	16.0	12/18/2024	ND	448	112	400	0.00	QM-07	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	189	94.6	200	3.21	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	169	84.6	200	3.62	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.2 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/16/2024	Sampling Date:	12/13/2024
Reported:	12/20/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 152 @ 4' (H247581-12)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/17/2024	ND	2.00	100	2.00	3.51	
Toluene*	<0.050	0.050	12/17/2024	ND	2.03	102	2.00	8.74	
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.10	105	2.00	11.6	
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.22	104	6.00	12.0	
Total BTEX	<0.300	0.300	12/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6800	16.0	12/18/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	180	89.9	200	1.40	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	181	90.7	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 93.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/16/2024	Sampling Date:	12/13/2024
Reported:	12/20/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 153 @ 4' (H247581-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	2.00	100	2.00	3.51		
Toluene*	<0.050	0.050	12/17/2024	ND	2.03	102	2.00	8.74		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.10	105	2.00	11.6		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.22	104	6.00	12.0		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3520	16.0	12/18/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	180	89.9	200	1.40		
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	181	90.7	200	1.04		
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND						

Surrogate: 1-Chlorooctane 90.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.6 % 49.1-148

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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/16/2024	Sampling Date:	12/13/2024
Reported:	12/20/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 154 @ 4' (H247581-14)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/17/2024	ND	2.00	100	2.00	3.51	
Toluene*	<0.050	0.050	12/17/2024	ND	2.03	102	2.00	8.74	
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.10	105	2.00	11.6	
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.22	104	6.00	12.0	
Total BTEX	<0.300	0.300	12/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	992	16.0	12/18/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	180	89.9	200	1.40	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	181	90.7	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 98.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/16/2024	Sampling Date:	12/13/2024
Reported:	12/20/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 155 @ 4' (H247581-15)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	2.00	100	2.00	3.51		
Toluene*	<0.050	0.050	12/17/2024	ND	2.03	102	2.00	8.74		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.10	105	2.00	11.6		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.22	104	6.00	12.0		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	12/18/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	180	89.9	200	1.40	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	181	90.7	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/16/2024	Sampling Date:	12/13/2024
Reported:	12/20/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 156 @ 4' (H247581-16)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	2.00	100	2.00	3.51		
Toluene*	<0.050	0.050	12/17/2024	ND	2.03	102	2.00	8.74		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.10	105	2.00	11.6		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.22	104	6.00	12.0		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3760	16.0	12/18/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	180	89.9	200	1.40	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	181	90.7	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/16/2024	Sampling Date:	12/13/2024
Reported:	12/20/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 157 @ 4' (H247581-17)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/17/2024	ND	2.00	100	2.00	3.51	
Toluene*	<0.050	0.050	12/17/2024	ND	2.03	102	2.00	8.74	
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.10	105	2.00	11.6	
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.22	104	6.00	12.0	
Total BTEX	<0.300	0.300	12/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	12/18/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	180	89.9	200	1.40	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	181	90.7	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/16/2024
 Reported: 12/20/2024
 Project Name: WHITESNAKE 20/21 W2BC FEE #1H BAT
 Project Number: 20910
 Project Location: MEWBOURNE 32.296191-104.11026

Sampling Date: 12/13/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL 158 @ 4' (H247581-18)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	1.86	93.0	2.00	0.760		
Toluene*	<0.050	0.050	12/17/2024	ND	1.96	98.0	2.00	0.183		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.05	103	2.00	0.809		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.23	104	6.00	0.652		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	752	16.0	12/18/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	180	89.9	200	1.40	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	181	90.7	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 96.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/16/2024	Sampling Date:	12/13/2024
Reported:	12/20/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 159 @ 4' (H247581-19)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	1.86	93.0	2.00	0.760		
Toluene*	<0.050	0.050	12/17/2024	ND	1.96	98.0	2.00	0.183		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.05	103	2.00	0.809		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.23	104	6.00	0.652		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	560	16.0	12/18/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	180	89.9	200	1.40	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	181	90.7	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/16/2024	Sampling Date:	12/13/2024
Reported:	12/20/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 160 @ 4' (H247581-20)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	1.86	93.0	2.00	0.760		
Toluene*	<0.050	0.050	12/17/2024	ND	1.96	98.0	2.00	0.183		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.05	103	2.00	0.809		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.23	104	6.00	0.652		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	12/18/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	180	89.9	200	1.40		
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	181	90.7	200	1.04		
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND						

Surrogate: 1-Chlorooctane 83.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.4 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/16/2024	Sampling Date:	12/13/2024
Reported:	12/20/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 161 @ 4' (H247581-21)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	1.86	93.0	2.00	0.760		
Toluene*	<0.050	0.050	12/17/2024	ND	1.96	98.0	2.00	0.183		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.05	103	2.00	0.809		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.23	104	6.00	0.652		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	496	16.0	12/18/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	180	89.9	200	1.40	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	181	90.7	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 80.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.2 % 49.1-148

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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/16/2024	Sampling Date:	12/13/2024
Reported:	12/20/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 162 @ 4' (H247581-22)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	1.86	93.0	2.00	0.760		
Toluene*	<0.050	0.050	12/17/2024	ND	1.96	98.0	2.00	0.183		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.05	103	2.00	0.809		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.23	104	6.00	0.652		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	12/18/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	180	89.9	200	1.40	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	181	90.7	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 82.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/16/2024	Sampling Date:	12/13/2024
Reported:	12/20/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 163 @ 4' (H247581-23)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	1.86	93.0	2.00	0.760		
Toluene*	<0.050	0.050	12/17/2024	ND	1.96	98.0	2.00	0.183		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.05	103	2.00	0.809		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.23	104	6.00	0.652		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	12/18/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	180	89.9	200	1.40	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	181	90.7	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/16/2024	Sampling Date:	12/13/2024
Reported:	12/20/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 164 @ 4' (H247581-24)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	1.86	93.0	2.00	0.760		
Toluene*	<0.050	0.050	12/17/2024	ND	1.96	98.0	2.00	0.183		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.05	103	2.00	0.809		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.23	104	6.00	0.652		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	12/18/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	180	89.9	200	1.40	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	181	90.7	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 86.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/16/2024	Sampling Date:	12/13/2024
Reported:	12/20/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 165 @ 4' (H247581-25)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	1.86	93.0	2.00	0.760		
Toluene*	<0.050	0.050	12/17/2024	ND	1.96	98.0	2.00	0.183		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.05	103	2.00	0.809		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.23	104	6.00	0.652		
Total BTEx	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	12/18/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	180	89.9	200	1.40	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	181	90.7	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 90.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/16/2024	Sampling Date:	12/13/2024
Reported:	12/20/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 166 @ 4' (H247581-26)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	1.86	93.0	2.00	0.760		
Toluene*	<0.050	0.050	12/17/2024	ND	1.96	98.0	2.00	0.183		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.05	103	2.00	0.809		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.23	104	6.00	0.652		
Total BTEx	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	720	16.0	12/18/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	180	89.9	200	1.40	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	181	90.7	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 85.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.5 % 49.1-148

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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/16/2024	Sampling Date:	12/13/2024
Reported:	12/20/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 167 @ 4' (H247581-27)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	1.86	93.0	2.00	0.760		
Toluene*	<0.050	0.050	12/17/2024	ND	1.96	98.0	2.00	0.183		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.05	103	2.00	0.809		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.23	104	6.00	0.652		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	12/18/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	180	89.9	200	1.40	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	181	90.7	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 86.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/16/2024	Sampling Date:	12/13/2024
Reported:	12/20/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 168 @ 4' (H247581-28)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	1.86	93.0	2.00	0.760		
Toluene*	<0.050	0.050	12/17/2024	ND	1.96	98.0	2.00	0.183		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.05	103	2.00	0.809		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.23	104	6.00	0.652		
Total BTEx	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1360	16.0	12/18/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	180	89.9	200	1.40	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	181	90.7	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 90.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/16/2024	Sampling Date:	12/13/2024
Reported:	12/20/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 169 @ 4' (H247581-29)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	1.86	93.0	2.00	0.760		
Toluene*	<0.050	0.050	12/17/2024	ND	1.96	98.0	2.00	0.183		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.05	103	2.00	0.809		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.23	104	6.00	0.652		
Total BTEx	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	12/18/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	180	89.9	200	1.40	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	181	90.7	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 87.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/16/2024	Sampling Date:	12/13/2024
Reported:	12/20/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 170 @ 4' (H247581-30)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	1.86	93.0	2.00	0.760		
Toluene*	<0.050	0.050	12/17/2024	ND	1.96	98.0	2.00	0.183		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.05	103	2.00	0.809		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.23	104	6.00	0.652		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	12/18/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	180	89.9	200	1.40	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	181	90.7	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 85.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/16/2024	Sampling Date:	12/13/2024
Reported:	12/20/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 171 @ 4' (H247581-31)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	1.86	93.0	2.00	0.760		
Toluene*	<0.050	0.050	12/17/2024	ND	1.96	98.0	2.00	0.183		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.05	103	2.00	0.809		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.23	104	6.00	0.652		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	12/18/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	180	89.9	200	1.40	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	181	90.7	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 84.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.7 % 49.1-148

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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/16/2024	Sampling Date:	12/13/2024
Reported:	12/20/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 172 @ 4' (H247581-32)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	1.86	93.0	2.00	0.760		
Toluene*	<0.050	0.050	12/17/2024	ND	1.96	98.0	2.00	0.183		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.05	103	2.00	0.809		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.23	104	6.00	0.652		
Total BTEx	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3840	16.0	12/18/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	199	99.4	200	1.58	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	200	100	200	0.444	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 91.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/16/2024	Sampling Date:	12/13/2024
Reported:	12/20/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 173 @ 4' (H247581-33)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2024	ND	1.86	93.0	2.00	0.760	
Toluene*	<0.050	0.050	12/18/2024	ND	1.96	98.0	2.00	0.183	
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	2.05	103	2.00	0.809	
Total Xylenes*	<0.150	0.150	12/18/2024	ND	6.23	104	6.00	0.652	
Total BTEX	<0.300	0.300	12/18/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1660	16.0	12/18/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	199	99.4	200	1.58	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	200	100	200	0.444	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 93.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/16/2024
 Reported: 12/20/2024
 Project Name: WHITESNAKE 20/21 W2BC FEE #1H BAT
 Project Number: 20910
 Project Location: MEWBOURNE 32.296191-104.11026

Sampling Date: 12/13/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FL 174 @ 4' (H247581-34)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/18/2024	ND	1.86	93.0	2.00	0.760		
Toluene*	<0.050	0.050	12/18/2024	ND	1.96	98.0	2.00	0.183		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	2.05	103	2.00	0.809		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	6.23	104	6.00	0.652		
Total BTEx	<0.300	0.300	12/18/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	12/18/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	199	99.4	200	1.58	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	200	100	200	0.444	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 95.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/16/2024	Sampling Date:	12/13/2024
Reported:	12/20/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 175 @ 4' (H247581-35)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/18/2024	ND	1.86	93.0	2.00	0.760		
Toluene*	<0.050	0.050	12/18/2024	ND	1.96	98.0	2.00	0.183		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	2.05	103	2.00	0.809		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	6.23	104	6.00	0.652		
Total BTEX	<0.300	0.300	12/18/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	12/18/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	199	99.4	200	1.58	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	200	100	200	0.444	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 95.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.6 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/16/2024	Sampling Date:	12/13/2024
Reported:	12/20/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 176 @ 4' (H247581-36)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/18/2024	ND	1.86	93.0	2.00	0.760		
Toluene*	<0.050	0.050	12/18/2024	ND	1.96	98.0	2.00	0.183		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	2.05	103	2.00	0.809		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	6.23	104	6.00	0.652		
Total BTEx	<0.300	0.300	12/18/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	12/18/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	199	99.4	200	1.58	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	200	100	200	0.444	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 98.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.0 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/16/2024	Sampling Date:	12/13/2024
Reported:	12/20/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 177 @ 4' (H247581-37)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/18/2024	ND	1.86	93.0	2.00	0.760		
Toluene*	<0.050	0.050	12/18/2024	ND	1.96	98.0	2.00	0.183		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	2.05	103	2.00	0.809		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	6.23	104	6.00	0.652		
Total BTEX	<0.300	0.300	12/18/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	896	16.0	12/18/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	199	99.4	200	1.58	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	200	100	200	0.444	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 86.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.9 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/16/2024	Sampling Date:	12/13/2024
Reported:	12/20/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 178 @ 4' (H247581-38)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	2.28	114	2.00	4.39		
Toluene*	<0.050	0.050	12/17/2024	ND	2.28	114	2.00	4.25		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.19	109	2.00	4.55		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.93	116	6.00	3.90		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	608	16.0	12/18/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	199	99.4	200	1.58	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	200	100	200	0.444	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 90.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 4

Page 41 of 44

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST																													
Project Manager: Lance Crenshaw				P.O. #:				Chloride	TPH (8015M)	BTEX (8021B)																											
Address: 2617 West Marland				Company: Mewbourne																																	
City: Hobbs State: NM Zip: 88240				Attn: Connor Walker																																	
Phone #: (575) 264-9884 Fax #:				Address:																																	
Project #: 20910 Project Owner: Mewbourne				City:																																	
Project Name: Whitesnake 20/21 W2BC Fee #1H Battery				State: Zip:																																	
Project Location: 32.296191, -104.11026				Phone #:																																	
Sampler Name: Dominic Casarez				Fax #:																																	
FOR LAB USE ONLY		Lab I.D.		Sample I.D.		GRAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV.		SAMPLING																							

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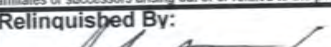


Relinquished By: 		Date: 11/16/24	Received By: 	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
Relinquished By:		Date:	Received By:	All Results are emailed. Please provide Email address: pm@etechnv.com
		Time:		REMARKS:
Delivered By: (Circle One)	Observed Temp. °C = 0.2	Sample Condition	CHECKED BY: (Initials)	Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>
Sampler - UPS - Bus - Other:	Corrected Temp. °C = 0.8	Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No		Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C
				Thermometer ID #140 Correction Factor -0.6°C

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Page 2 of 4

[illegible]

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Relinquished By:		Date:	Received By:		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:	
		Date: 12/16/24			All Results are emailed. Please provide Email address: pm@etechenv.com	
Relinquished By:		Time: 0829	Received By:		REMARKS:	
		Date:				
		Time:				
Delivered By: (Circle One)	Observed Temp. °C	Sample Condition	CHECKED BY:	Turnaround Time:	Standard <input checked="" type="checkbox"/> Bacteria (only) Sample Condition	
Sampler - UPS - Bus - Other:	-0.2	Cool Intact	(Initials)	Rush <input type="checkbox"/>	Cool Intact Observed Temp. °C	
	Corrected Temp. °C	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Thermometer ID #140	<input type="checkbox"/> Yes <input type="checkbox"/> No	
	-0.8	<input type="checkbox"/> No <input type="checkbox"/> No		Correction Factor -0.6°C	<input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C	



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 3 of 4

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST																																			
Project Manager: Lance Crenshaw				P.O. #:				<div style="display: flex; justify-content: space-around;"> <div>Chloride</div> <div>TPH (8015M)</div> <div>BTEX (8021B)</div> </div>																																			
Address: 2617 West Marland				Company: Mewbourne																																							
City: Hobbs State: NM Zip: 88240				Attn: Connor Walker																																							
Phone #: (575) 264-9884 Fax #:				Address:																																							
Project #: 20910 Project Owner: Mewbourne				City:																																							
Project Name: Whitesnake 20/21 W2BC Fee #1H Battery				State: Zip:																																							
Project Location: 32.296191, -104.11026				Phone #:																																							
Sampler Name: Dominic Casarez				Fax #:																																							
FOR LAB USE ONLY		Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV.		SAMPLING																													
										GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER:		ACID/BASE:		ICE / COOL		OTHER:		DATE		TIME													
H241755						C		1																																			
21		FL 161 @ 4'				C		1																																			
22		FL 162 @ 4'				C		1																																			
23		FL 163 @ 4'				C		1																																			
24		FL 164 @ 4'				C		1																																			
25		FL 165 @ 4'				C		1																																			
26		FL 166 @ 4'				C		1																																			
27		FL 167 @ 4'				C		1																																			
28		FL 168 @ 4'				C		1																																			
29		FL 169 @ 4'				C		1																																			
30		FL 170 @ 4'				C		1																																			

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Relinquished By:		Date: 12/10/24		Received By:		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Time: 0829						All Results are emailed. Please provide Email address: pm@etechenv.com	
Relinquished By:		Date:		Received By:		REMARKS:	
Time:							
Delivered By: (Circle One)		Observed Temp. °C -0.22		Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: (Initials)	
Sampler - UPS - Bus - Other:		Corrected Temp. °C -0.82				Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	
						Thermometer ID #140 Correction Factor -0.6°C	
						Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No Corrected Temp. °C	

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 4 of 4

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Relinquished By: 		Date: 12-16-24	Received By: 	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
Time: 0829				All Results are emailed. Please provide Email address: pm@etechenv.com
Relinquished By:		Date:	Received By:	REMARKS:
		Time:		
Delivered By: (Circle One)	Observed Temp. °C: -0.2	Sample Condition	CHECKED BY: (Initials)	Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>
Sampler - UPS - Bus - Other:	Corrected Temp. °C: -0.8	Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No
		<input type="checkbox"/> No <input type="checkbox"/> No		Thermometer ID #140 Correction Factor -0.6°C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C



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

December 23, 2024

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: WHITESNAKE 20/21 W2BC FEE #1H BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 12/17/24 14:58.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/17/2024	Sampling Date:	12/16/2024
Reported:	12/23/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 179 @ 4' (H247628-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/17/2024	ND	1.99	99.4	2.00	3.16	
Toluene*	<0.050	0.050	12/17/2024	ND	1.92	96.0	2.00	2.81	
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	1.92	96.1	2.00	2.82	
Total Xylenes*	<0.150	0.150	12/17/2024	ND	5.69	94.9	6.00	2.98	
Total BTX	<0.300	0.300	12/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	640	16.0	12/18/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	198	99.0	200	5.66	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	212	106	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/17/2024	Sampling Date:	12/16/2024
Reported:	12/23/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 180 @ 4' (H247628-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/18/2024	ND	1.99	99.4	2.00	3.16		
Toluene*	<0.050	0.050	12/18/2024	ND	1.92	96.0	2.00	2.81		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.92	96.1	2.00	2.82		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	5.69	94.9	6.00	2.98		
Total BTEx	<0.300	0.300	12/18/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1040	16.0	12/18/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	198	99.0	200	5.66	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	212	106	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/17/2024
 Reported: 12/23/2024
 Project Name: WHITESNAKE 20/21 W2BC FEE #1H BAT
 Project Number: 20910
 Project Location: MEWBOURNE 32.296191-104.11026

Sampling Date: 12/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 181 @ 4' (H247628-03)

BTEx 8021B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2024	ND	1.99	99.4	2.00	3.16	
Toluene*	<0.050	0.050	12/18/2024	ND	1.92	96.0	2.00	2.81	
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.92	96.1	2.00	2.82	
Total Xylenes*	<0.150	0.150	12/18/2024	ND	5.69	94.9	6.00	2.98	
Total BTEX	<0.300	0.300	12/18/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	12/18/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	198	99.0	200	5.66	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	212	106	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/17/2024	Sampling Date:	12/16/2024
Reported:	12/23/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 182 @ 4' (H247628-04)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/18/2024	ND	1.99	99.4	2.00	3.16		
Toluene*	<0.050	0.050	12/18/2024	ND	1.92	96.0	2.00	2.81		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.92	96.1	2.00	2.82		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	5.69	94.9	6.00	2.98		
Total BTEX	<0.300	0.300	12/18/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	656	16.0	12/18/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	198	99.0	200	5.66	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	212	106	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 93.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.4 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/17/2024	Sampling Date:	12/16/2024
Reported:	12/23/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 183 @ 4' (H247628-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/18/2024	ND	1.99	99.4	2.00	3.16		
Toluene*	<0.050	0.050	12/18/2024	ND	1.92	96.0	2.00	2.81		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.92	96.1	2.00	2.82		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	5.69	94.9	6.00	2.98		
Total BTEx	<0.300	0.300	12/18/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2680	16.0	12/18/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	198	99.0	200	5.66	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	212	106	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 89.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/17/2024
 Reported: 12/23/2024
 Project Name: WHITESNAKE 20/21 W2BC FEE #1H BAT
 Project Number: 20910
 Project Location: MEWBOURNE 32.296191-104.11026

Sampling Date: 12/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 184 @ 4' (H247628-06)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2024	ND	1.99	99.4	2.00	3.16	
Toluene*	<0.050	0.050	12/18/2024	ND	1.92	96.0	2.00	2.81	
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.92	96.1	2.00	2.82	
Total Xylenes*	<0.150	0.150	12/18/2024	ND	5.69	94.9	6.00	2.98	
Total BTEX	<0.300	0.300	12/18/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1360	16.0	12/18/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	198	99.0	200	5.66	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	212	106	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 92.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.5 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/17/2024	Sampling Date:	12/16/2024
Reported:	12/23/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 185 @ 4' (H247628-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/18/2024	ND	1.99	99.4	2.00	3.16		
Toluene*	<0.050	0.050	12/18/2024	ND	1.92	96.0	2.00	2.81		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.92	96.1	2.00	2.82		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	5.69	94.9	6.00	2.98		
Total BTEx	<0.300	0.300	12/18/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2160	16.0	12/18/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	198	99.0	200	5.66	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	212	106	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/17/2024	Sampling Date:	12/16/2024
Reported:	12/23/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 186 @ 4' (H247628-08)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/18/2024	ND	1.99	99.4	2.00	3.16		
Toluene*	<0.050	0.050	12/18/2024	ND	1.92	96.0	2.00	2.81		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.92	96.1	2.00	2.82		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	5.69	94.9	6.00	2.98		
Total BTEX	<0.300	0.300	12/18/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1140	16.0	12/18/2024	ND	448	112	400	0.00	QM-07	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	198	99.0	200	5.66	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	212	106	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/17/2024	Sampling Date:	12/16/2024
Reported:	12/23/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 187 @ 4' (H247628-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/18/2024	ND	1.99	99.4	2.00	3.16		
Toluene*	<0.050	0.050	12/18/2024	ND	1.92	96.0	2.00	2.81		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.92	96.1	2.00	2.82		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	5.69	94.9	6.00	2.98		
Total BTEX	<0.300	0.300	12/18/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	12/18/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2024	ND	198	99.0	200	5.66	
DRO >C10-C28*	<10.0	10.0	12/17/2024	ND	212	106	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	12/17/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/17/2024	Sampling Date:	12/16/2024
Reported:	12/23/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: NW 9 (H247628-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/18/2024	ND	1.99	99.4	2.00	3.16		
Toluene*	<0.050	0.050	12/18/2024	ND	1.92	96.0	2.00	2.81		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.92	96.1	2.00	2.82		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	5.69	94.9	6.00	2.98		
Total BTEX	<0.300	0.300	12/18/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	12/18/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	198	99.0	200	5.66	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	212	106	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/17/2024	Sampling Date:	12/16/2024
Reported:	12/23/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: NW 10 (H247628-11)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/18/2024	ND	1.99	99.4	2.00	3.16		
Toluene*	<0.050	0.050	12/18/2024	ND	1.92	96.0	2.00	2.81		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.92	96.1	2.00	2.82		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	5.69	94.9	6.00	2.98		
Total BTEX	<0.300	0.300	12/18/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	12/18/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	198	99.0	200	5.66	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	212	106	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 91.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.7 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/17/2024	Sampling Date:	12/16/2024
Reported:	12/23/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: NW 11 (H247628-12)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/18/2024	ND	1.99	99.4	2.00	3.16		
Toluene*	<0.050	0.050	12/18/2024	ND	1.92	96.0	2.00	2.81		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.92	96.1	2.00	2.82		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	5.69	94.9	6.00	2.98		
Total BTEX	<0.300	0.300	12/18/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	12/18/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	198	99.0	200	5.66	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	212	106	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 83.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.2 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/17/2024
 Reported: 12/23/2024
 Project Name: WHITESNAKE 20/21 W2BC FEE #1H BAT
 Project Number: 20910
 Project Location: MEWBOURNE 32.296191-104.11026

Sampling Date: 12/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: EW 9 (H247628-13)

BTEx 8021B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2024	ND	1.99	99.4	2.00	3.16	
Toluene*	<0.050	0.050	12/18/2024	ND	1.92	96.0	2.00	2.81	
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.92	96.1	2.00	2.82	
Total Xylenes*	<0.150	0.150	12/18/2024	ND	5.69	94.9	6.00	2.98	
Total BTEX	<0.300	0.300	12/18/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	12/18/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	203	101	200	2.31	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	202	101	200	3.83	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/17/2024	Sampling Date:	12/16/2024
Reported:	12/23/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: SW 12 (H247628-14)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/18/2024	ND	1.99	99.4	2.00	3.16		
Toluene*	<0.050	0.050	12/18/2024	ND	1.92	96.0	2.00	2.81		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.92	96.1	2.00	2.82		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	5.69	94.9	6.00	2.98		
Total BTEX	<0.300	0.300	12/18/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	12/18/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	203	101	200	2.31	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	202	101	200	3.83	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/17/2024	Sampling Date:	12/16/2024
Reported:	12/23/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: SW 13 (H247628-15)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/18/2024	ND	1.99	99.4	2.00	3.16		
Toluene*	<0.050	0.050	12/18/2024	ND	1.92	96.0	2.00	2.81		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.92	96.1	2.00	2.82		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	5.69	94.9	6.00	2.98		
Total BTEX	<0.300	0.300	12/18/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	12/18/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	203	101	200	2.31	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	202	101	200	3.83	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 123 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/17/2024	Sampling Date:	12/16/2024
Reported:	12/23/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: WW 9 (H247628-16)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/18/2024	ND	1.99	99.4	2.00	3.16		
Toluene*	<0.050	0.050	12/18/2024	ND	1.92	96.0	2.00	2.81		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.92	96.1	2.00	2.82		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	5.69	94.9	6.00	2.98		
Total BTEX	<0.300	0.300	12/18/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	12/18/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	203	101	200	2.31	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	202	101	200	3.83	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 125 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/17/2024	Sampling Date:	12/16/2024
Reported:	12/23/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: WW 10 (H247628-17)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/18/2024	ND	1.99	99.4	2.00	3.16		
Toluene*	<0.050	0.050	12/18/2024	ND	1.92	96.0	2.00	2.81		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.92	96.1	2.00	2.82		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	5.69	94.9	6.00	2.98		
Total BTEX	<0.300	0.300	12/18/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	12/18/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	203	101	200	2.31	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	202	101	200	3.83	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/17/2024	Sampling Date:	12/16/2024
Reported:	12/23/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: WW 11 (H247628-18)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/18/2024	ND	1.99	99.4	2.00	3.16		
Toluene*	<0.050	0.050	12/18/2024	ND	1.92	96.0	2.00	2.81		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.92	96.1	2.00	2.82		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	5.69	94.9	6.00	2.98		
Total BTEX	<0.300	0.300	12/18/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	12/18/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	203	101	200	2.31	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	202	101	200	3.83	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/17/2024
 Reported: 12/23/2024
 Project Name: WHITESNAKE 20/21 W2BC FEE #1H BAT
 Project Number: 20910
 Project Location: MEWBOURNE 32.296191-104.11026

Sampling Date: 12/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: WW 12 (H247628-19)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2024	ND	1.99	99.4	2.00	3.16	
Toluene*	<0.050	0.050	12/18/2024	ND	1.92	96.0	2.00	2.81	
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.92	96.1	2.00	2.82	
Total Xylenes*	<0.150	0.150	12/18/2024	ND	5.69	94.9	6.00	2.98	
Total BTEX	<0.300	0.300	12/18/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	12/18/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	203	101	200	2.31	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	202	101	200	3.83	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/17/2024	Sampling Date:	12/16/2024
Reported:	12/23/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: WW 13 (H247628-20)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/18/2024	ND	1.99	99.4	2.00	3.16		
Toluene*	<0.050	0.050	12/18/2024	ND	1.92	96.0	2.00	2.81		
Ethylbenzene*	<0.050	0.050	12/18/2024	ND	1.92	96.1	2.00	2.82		
Total Xylenes*	<0.150	0.150	12/18/2024	ND	5.69	94.9	6.00	2.98		
Total BTEX	<0.300	0.300	12/18/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	12/18/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	203	101	200	2.31	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	202	101	200	3.83	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/17/2024	Sampling Date:	12/16/2024
Reported:	12/23/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: WW 14 (H247628-21)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2024	ND	2.22	111	2.00	3.89		
Toluene*	<0.050	0.050	12/17/2024	ND	2.10	105	2.00	4.11		
Ethylbenzene*	<0.050	0.050	12/17/2024	ND	2.07	104	2.00	4.11		
Total Xylenes*	<0.150	0.150	12/17/2024	ND	6.13	102	6.00	4.08		
Total BTEX	<0.300	0.300	12/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	432	16.0	12/18/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2024	ND	203	101	200	2.31	
DRO >C10-C28*	<10.0	10.0	12/18/2024	ND	202	101	200	3.83	
EXT DRO >C28-C36	<10.0	10.0	12/18/2024	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "C. D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

Page 1 of 3

Company Name: Etech Environmental & Safety Solutions, Inc.										BILL TO		ANALYSIS REQUEST									
Project Manager: Lance Crenshaw										P.O. #:		Chloride	TPH (8015M)	BTEX (8021B)							
Address: 2617 West Marland										Company: Mewbourne											
City: Hobbs					State: NM Zip: 88240					Attn: Connor Walker											
Phone #: (575) 264-9884					Fax #:					Address:											
Project #: 20910					Project Owner: Mewbourne					City:											
Project Name: Whitesnake 20/21 W2BC Fee #1H Battery										State: Zip:											
Project Location: 32.296191, -104.11026										Phone #:											
Sampler Name: Dominic Casarez										Fax #:											
FOR LAB USE ONLY										PRESERV.		SAMPLING									
Lab I.D.		Sample I.D.		(GRAB OR C/COMP. # CONTAINERS)		MATRIX		PRESERV.		SAMPLING											
1	FL 179 @ 4'	C	1			X			X	12/16/24		X	X	X							
2	FL 180 @ 4'	C	1			X			X	12/16/24		X	X	X							
3	FL 181 @ 4'	C	1			X			X	12/16/24		X	X	X							
4	FL 182 @ 4'	C	1			X			X	12/16/24		X	X	X							
5	FL 183 @ 4'	C	1			X			X	12/16/24		X	X	X							
6	FL 184 @ 4'	C	1			X			X	12/16/24		X	X	X							
7	FL 185 @ 4'	C	1			X			X	12/16/24		X	X	X							
8	FL 186 @ 4'	C	1			X			X	12/16/24		X	X	X							
9	FL 187 @ 4'	C	1			X			X	12/16/24		X	X	X							
10	NW 9	C	1			X			X	12/16/24		X	X	X							

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Relinquished By: 		Date: 12.17.21		Received By: 		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Time: 1458		Time:		All Results are emailed. Please provide Email address: pm@etechnv.com			
Relinquished By:		Date:		Received By:		REMARKS:	
Time:		Time:					
Delivered By: (Circle One)		Observed Temp. °C -11.02		Sample Condition Cool Intact		CHECKED BY: (Initials) AD	
Sampler - UPS - Bus - Other:		Corrected Temp. °C -11.02		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Thermometer ID #140 Correction Factor -0.6°C	
						Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C	



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Page 2 of 3

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST																																					
Project Manager: Lance Crenshaw				P.O. #:				<div style="display: flex; justify-content: space-around;"> <div>Chloride</div> <div>TPH (8015M)</div> <div>BTEX (8021B)</div> </div>																																					
Address: 2617 West Marland				Company: Mewbourne																																									
City: Hobbs State: NM Zip: 88240				Attn: Connor Walker																																									
Phone #: (575) 264-9884 Fax #:				Address:																																									
Project #: 20910 Project Owner: Mewbourne				City:																																									
Project Name: Whitesnake 20/21 W2BC Fee #1H Battery				State: Zip:																																									
Project Location: 32.296191, -104.11026				Phone #:																																									
Sampler Name: Dominic Casarez				Fax #:																																									
FOR LAB USE ONLY		Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV.		SAMPLING																															
										GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER:		ACID/BASE:		ICE / COOL		OTHER:		DATE		TIME															
11247428																																													
11		NW 10				C 1																																							
12		NW 11				C 1																																							
13		EW 9				C 1																																							
14		SW 12				C 1																																							
15		SW 13				C 1																																							
16		WW 9				C 1																																							
17		WW 10				C 1																																							
18		WW 11				C 1																																							
19		WW 12				C 1																																							
20		WW 13				C 1																																							

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Relinquished By:		Date: 12-17-24		Received By:		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Time: 1458		Time:		Signature: [Signature]		All Results are emailed. Please provide Email address: pm@etechenv.com	
Relinquished By:		Date:		Received By:		REMARKS:	
Time:		Time:		Time:		Time:	
Delivered By: (Circle One)		Observed Temp. °C -11.0		Sample Condition Cool Intact		CHECKED BY: (Initials) [Signature]	
Sampler - UPS - Bus - Other:		Corrected Temp. °C -11.4		Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	
						Thermometer ID #140 Correction Factor -0.6°C	
						Bacteria (only) Sample Condition Cool Intact Observed Temp. °C	
						Corrected Temp. °C	

FORM-006 R 3.5 08/05/24




† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

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Page 3 of 3

[illegible]

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Relinquished By: 		Date: 12-17-24		Received By: 		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Time: 1458		Time:		All Results are emailed. Please provide Email address: pm@etechenv.com			
Relinquished By:		Date:		Received By:		REMARKS:	
		Time:					
Delivered By: (Circle One)		Observed Temp. °C -11.02		Sample Condition Cool Intact		CHECKED BY: (Initials) 	
Sampler - UPS - Bus - Other:		Corrected Temp. °C -11.62		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Thermometer ID #140 Correction Factor -0.6°C	
						Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C	



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

December 26, 2024

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: WHITESNAKE 20/21 W2BC FEE #1H BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 12/18/24 15:01.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/18/2024	Sampling Date:	12/17/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 188 @4' (H247660-01)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	1.87	93.3	2.00	8.06		
Toluene*	<0.050	0.050	12/19/2024	ND	1.91	95.7	2.00	6.20		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	1.94	96.9	2.00	4.95		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	5.84	97.4	6.00	4.70		
Total BTEx	<0.300	0.300	12/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1470	16.0	12/19/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	199	99.4	200	0.375	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	194	97.0	200	2.97	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 86.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/18/2024	Sampling Date:	12/17/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 189 @4' (H247660-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2024	ND	1.87	93.3	2.00	8.06		
Toluene*	<0.050	0.050	12/19/2024	ND	1.91	95.7	2.00	6.20		
Ethylbenzene*	<0.050	0.050	12/19/2024	ND	1.94	96.9	2.00	4.95		
Total Xylenes*	<0.150	0.150	12/19/2024	ND	5.84	97.4	6.00	4.70		
Total BTEX	<0.300	0.300	12/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1260	16.0	12/19/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	199	99.4	200	0.375	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	194	97.0	200	2.97	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 93.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/18/2024	Sampling Date:	12/17/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 190 @4' (H247660-03)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2024	ND	1.80	90.2	2.00	12.3		
Toluene*	<0.050	0.050	12/20/2024	ND	1.72	86.0	2.00	13.4		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	1.73	86.5	2.00	13.7		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.21	86.9	6.00	13.8		
Total BTEX	<0.300	0.300	12/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2000	16.0	12/19/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	190	95.1	200	1.91	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	193	96.6	200	0.591	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 123 % 48.2-134

Surrogate: 1-Chlorooctadecane 137 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/18/2024	Sampling Date:	12/17/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 191 @4' (H247660-04)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2024	ND	1.80	90.2	2.00	12.3		
Toluene*	<0.050	0.050	12/20/2024	ND	1.72	86.0	2.00	13.4		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	1.73	86.5	2.00	13.7		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.21	86.9	6.00	13.8		
Total BTEX	<0.300	0.300	12/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1440	16.0	12/19/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	190	95.1	200	1.91	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	193	96.6	200	0.591	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 136 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/18/2024	Sampling Date:	12/17/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 192 @4' (H247660-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2024	ND	1.80	90.2	2.00	12.3		
Toluene*	<0.050	0.050	12/20/2024	ND	1.72	86.0	2.00	13.4		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	1.73	86.5	2.00	13.7		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.21	86.9	6.00	13.8		
Total BTEX	<0.300	0.300	12/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2280	16.0	12/19/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	190	95.1	200	1.91	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	193	96.6	200	0.591	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 132 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/18/2024	Sampling Date:	12/17/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 193 @4' (H247660-06)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2024	ND	1.80	90.2	2.00	12.3		
Toluene*	<0.050	0.050	12/20/2024	ND	1.72	86.0	2.00	13.4		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	1.73	86.5	2.00	13.7		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.21	86.9	6.00	13.8		
Total BTEX	<0.300	0.300	12/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	12/19/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	190	95.1	200	1.91	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	193	96.6	200	0.591	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 126 % 48.2-134

Surrogate: 1-Chlorooctadecane 140 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/18/2024	Sampling Date:	12/17/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 194 @4' (H247660-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2024	ND	1.80	90.2	2.00	12.3		
Toluene*	<0.050	0.050	12/20/2024	ND	1.72	86.0	2.00	13.4		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	1.73	86.5	2.00	13.7		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.21	86.9	6.00	13.8		
Total BTEX	<0.300	0.300	12/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	12/19/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	190	95.1	200	1.91	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	193	96.6	200	0.591	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 123 % 48.2-134

Surrogate: 1-Chlorooctadecane 137 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/18/2024	Sampling Date:	12/17/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 195 @4' (H247660-08)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2024	ND	1.80	90.2	2.00	12.3		
Toluene*	<0.050	0.050	12/20/2024	ND	1.72	86.0	2.00	13.4		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	1.73	86.5	2.00	13.7		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.21	86.9	6.00	13.8		
Total BTEX	<0.300	0.300	12/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/19/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	190	95.1	200	1.91	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	193	96.6	200	0.591	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 124 % 48.2-134

Surrogate: 1-Chlorooctadecane 138 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/18/2024	Sampling Date:	12/17/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: FL 196 @4' (H247660-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2024	ND	1.80	90.2	2.00	12.3		
Toluene*	<0.050	0.050	12/20/2024	ND	1.72	86.0	2.00	13.4		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	1.73	86.5	2.00	13.7		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.21	86.9	6.00	13.8		
Total BTEX	<0.300	0.300	12/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/19/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	190	95.1	200	1.91	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	193	96.6	200	0.591	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/18/2024	Sampling Date:	12/17/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: EW 10 (H247660-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2024	ND	1.80	90.2	2.00	12.3		
Toluene*	<0.050	0.050	12/20/2024	ND	1.72	86.0	2.00	13.4		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	1.73	86.5	2.00	13.7		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.21	86.9	6.00	13.8		
Total BTEX	<0.300	0.300	12/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/19/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	190	95.1	200	1.91	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	193	96.6	200	0.591	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 128 % 48.2-134

Surrogate: 1-Chlorooctadecane 139 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/18/2024	Sampling Date:	12/17/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: EW 11 (H247660-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2024	ND	1.80	90.2	2.00	12.3		
Toluene*	<0.050	0.050	12/20/2024	ND	1.72	86.0	2.00	13.4		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	1.73	86.5	2.00	13.7		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.21	86.9	6.00	13.8		
Total BTEX	<0.300	0.300	12/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/19/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	190	95.1	200	1.91	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	193	96.6	200	0.591	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/18/2024	Sampling Date:	12/17/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: EW 12 (H247660-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2024	ND	1.80	90.2	2.00	12.3		
Toluene*	<0.050	0.050	12/20/2024	ND	1.72	86.0	2.00	13.4		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	1.73	86.5	2.00	13.7		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.21	86.9	6.00	13.8		
Total BTEX	<0.300	0.300	12/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	12/19/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	190	95.1	200	1.91	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	193	96.6	200	0.591	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
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 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/18/2024	Sampling Date:	12/17/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: EW 13 (H247660-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2024	ND	1.80	90.2	2.00	12.3		
Toluene*	<0.050	0.050	12/20/2024	ND	1.72	86.0	2.00	13.4		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	1.73	86.5	2.00	13.7		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.21	86.9	6.00	13.8		
Total BTEX	<0.300	0.300	12/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/19/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	190	95.1	200	1.91	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	193	96.6	200	0.591	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/18/2024
 Reported: 12/26/2024
 Project Name: WHITESNAKE 20/21 W2BC FEE #1H BAT
 Project Number: 20910
 Project Location: MEWBOURNE 32.296191-104.11026

Sampling Date: 12/17/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: EW 14 (H247660-14)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2024	ND	1.80	90.2	2.00	12.3	
Toluene*	<0.050	0.050	12/20/2024	ND	1.72	86.0	2.00	13.4	
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	1.73	86.5	2.00	13.7	
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.21	86.9	6.00	13.8	
Total BTEX	<0.300	0.300	12/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/19/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	190	95.1	200	1.91	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	193	96.6	200	0.591	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/18/2024	Sampling Date:	12/17/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: EW 15 (H247660-15)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2024	ND	1.80	90.2	2.00	12.3		
Toluene*	<0.050	0.050	12/20/2024	ND	1.72	86.0	2.00	13.4		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	1.73	86.5	2.00	13.7		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.21	86.9	6.00	13.8		
Total BTEx	<0.300	0.300	12/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/19/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	190	95.1	200	1.91	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	193	96.6	200	0.591	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/18/2024	Sampling Date:	12/17/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: EW 16 (H247660-16)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2024	ND	1.80	90.2	2.00	12.3		
Toluene*	<0.050	0.050	12/20/2024	ND	1.72	86.0	2.00	13.4		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	1.73	86.5	2.00	13.7		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.21	86.9	6.00	13.8		
Total BTEx	<0.300	0.300	12/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	12/19/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	190	95.1	200	1.91	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	193	96.6	200	0.591	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received: 12/18/2024
 Reported: 12/26/2024
 Project Name: WHITESNAKE 20/21 W2BC FEE #1H BAT
 Project Number: 20910
 Project Location: MEWBOURNE 32.296191-104.11026

Sampling Date: 12/17/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: WW 15 (H247660-17)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2024	ND	1.80	90.2	2.00	12.3	
Toluene*	<0.050	0.050	12/20/2024	ND	1.72	86.0	2.00	13.4	
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	1.73	86.5	2.00	13.7	
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.21	86.9	6.00	13.8	
Total BTEX	<0.300	0.300	12/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/19/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	190	95.1	200	1.91	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	193	96.6	200	0.591	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 123 % 48.2-134

Surrogate: 1-Chlorooctadecane 137 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/18/2024	Sampling Date:	12/17/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: WW 16 (H247660-18)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2024	ND	1.80	90.2	2.00	12.3		
Toluene*	<0.050	0.050	12/20/2024	ND	1.72	86.0	2.00	13.4		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	1.73	86.5	2.00	13.7		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.21	86.9	6.00	13.8		
Total BTEX	<0.300	0.300	12/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	12/19/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	190	95.1	200	1.91	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	193	96.6	200	0.591	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 135 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/18/2024	Sampling Date:	12/17/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: NW 12 (H247660-19)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2024	ND	1.80	90.2	2.00	12.3		
Toluene*	<0.050	0.050	12/20/2024	ND	1.72	86.0	2.00	13.4		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	1.73	86.5	2.00	13.7		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.21	86.9	6.00	13.8		
Total BTEx	<0.300	0.300	12/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	12/19/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	190	95.1	200	1.91	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	193	96.6	200	0.591	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/18/2024	Sampling Date:	12/17/2024
Reported:	12/26/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: SW 14 (H247660-20)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2024	ND	1.80	90.2	2.00	12.3		
Toluene*	<0.050	0.050	12/20/2024	ND	1.72	86.0	2.00	13.4		
Ethylbenzene*	<0.050	0.050	12/20/2024	ND	1.73	86.5	2.00	13.7		
Total Xylenes*	<0.150	0.150	12/20/2024	ND	5.21	86.9	6.00	13.8		
Total BTEX	<0.300	0.300	12/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	12/19/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2024	ND	190	95.1	200	1.91	
DRO >C10-C28*	<10.0	10.0	12/19/2024	ND	193	96.6	200	0.591	
EXT DRO >C28-C36	<10.0	10.0	12/19/2024	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 136 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

**ARDINAL LABORATORIES**

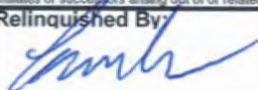

101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech				BILL TO				ANALYSIS REQUEST													
Project Manager: Lance Crenshaw				P.O. #:				Chloride	TPH (8015M)	BTEX (8021B)											
Address:				Company Mewbourne																	
City: State: NM Zip:				Attn: Connor Walker																	
Phone #: Fax #:				Address:																	
Project #: Project Owner:				City:																	
Project Name: Whitesnake				State: Zip:																	
Project Location:				Phone #:																	
Sampler Name: Dominic Casarez				Fax #:																	
FOR LAB USE ONLY						MATRIX		PRESERV.		SAMPLING											
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE	ICE / COOL	OTHER:	DATE	TIME							
4247660																					
1	FI 188 @ 4'	C	1			X				X			12/17/24		X	X	X				
2	FI 189 @ 4'	C	1			X				X			12/17/24		X	X	X				
3	FI 190 @ 4'	C	1			X				X			12/17/24		X	X	X				
4	FI 191 @ 4'	C	1			X				X			12/17/24		X	X	X				
5	FI 192 @ 4'	C	1			X				X			12/17/24		X	X	X				
6	FI 193 @ 4'	C	1			X				X			12/17/24		X	X	X				
7	FI 194 @ 4'	C	1			X				X			12/17/24		X	X	X				
8	FI 195 @ 4'	C	1			X				X			12/17/24		X	X	X				
9	FI 196 @ 4'	C	1			X				X			12/17/24		X	X	X				
10	EW10	C	1			X				X			12/17/24		X	X	X				

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Relinquished By: 	Date: 12/18/24 Time: 1:51	Received By: 	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No REMARKS:
Relinquished By:	Date: Time:	Received By:	

Delivered By: (Circle One) 1.02 / 1.00
 Sampler - UPS - Bus - Other: 1.32 / #1140

Sample Condition
 Cool ☒ Intact ☒
☐ Yes ☐ Yes
☐ No ☐ No

CHECKED BY: (Initials) DP

Please send results to pm@etechenv.com



CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 24 of 24

Company Name: Etech Project Manager: Lance Crenshaw Address: City: State: NM Zip: Phone #: Fax #: Project #: Project Owner: Project Name: Whitesnake Project Location: Sampler Name: Dominic Casarez										BILL TO P.O. #: Company: Mewbourne Attn: Connor Walker Address: City: State: Zip: Phone #: Fax #:										ANALYSIS REQUEST									
FOR LAB USE ONLY										Chloride TPH (8015M) BTEX (8021B)																			
Lab I.D. H242660		Sample I.D.		(GRAB OR (COMP. # CONTAINERS	MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:				PRESERV. ACID/BASE: ICE / COOL OTHER:	SAMPLING DATE TIME																			
11		EW11		c 1	x				x	12/17/24		x x x																	
12		EW12		c 1	x				x	12/17/24		x x x																	
13		EW13		c 1	x				x	12/17/24		x x x																	
14		EW14		c 1	x				x	12/17/24		x x x																	
15		EW15		c 1	x				x	12/17/24		x x x																	
16		EW16		c 1	x				x	12/17/24		x x x																	
17		WW15		c 1	x				x	12/17/24		x x x																	
18		WW16		c 1	x				x	12/17/24		x x x																	
19		NW12		c 1	x				x	12/17/24		x x x																	
20		SW14		c 1	x				x	12/17/24		x x x																	

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

Relinquished By: Relinquished By: Date: 12-18-24 Time: 1501	Received By: Received By: Date: Time:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No REMARKS: Please send results to pm@etechenv.com
--	--	---

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) AD
--	---	--

FORM-006
Revision 1.0

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476



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

December 30, 2024

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: WHITESNAKE 20/21 W2BC FEE #1H BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 12/20/24 12:09.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Mike Snyder". The signature is fluid and cursive, with the first name "Mike" and last name "Snyder" clearly distinguishable.

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	12/20/2024	Sampling Date:	12/18/2024
Reported:	12/30/2024	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20910	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE 32.296191-104.11026		

Sample ID: WW 4B (H247732-01)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/26/2024	ND	2.08	104	2.00	0.0663		
Toluene*	<0.050	0.050	12/26/2024	ND	2.09	104	2.00	0.0474		
Ethylbenzene*	<0.050	0.050	12/26/2024	ND	2.00	100	2.00	0.151		
Total Xylenes*	<0.150	0.150	12/26/2024	ND	6.40	107	6.00	0.539		
Total BTX	<0.300	0.300	12/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/27/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/26/2024	ND	202	101	200	0.0906	
DRO >C10-C28*	<10.0	10.0	12/26/2024	ND	187	93.4	200	0.730	
EXT DRO >C28-C36	<10.0	10.0	12/26/2024	ND					

Surrogate: 1-Chlorooctane 133 % 48.2-134

Surrogate: 1-Chlorooctadecane 132 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "Mike Snyder", is written over a horizontal line.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: ETECH		BILL TO		ANALYSIS REQUEST									
Project Manager:		P.O. #:											
Address:		Company: Newbourn											
City: State: Zip:		Attn: Copnor Walker											
Phone #: Fax #:		Address:											
Project #: Project Owner:		City:											
Project Name: Whitesnake		State: Zip:											
Project Location:		Phone #:											
Sampler Name:		Fax #:											
FOR LAB USE ONLY													
Lab I.D.	Sample I.D.	(GRAB OR (COMP. # CONTAINERS	MATRIX	PRESERV.	SAMPLING								
H247732	WW46	C1	GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER	ACID/BASE ICE / COOL OTHER	DATE 12-18	TIME	TPH	CI	BTEX				
							X	X	X				

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable services. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors. Nothing out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based on any of the above stated reasons or otherwise.

Relinquished By:	Date: 12-20-24 Time: 12:09	Received By:	Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #:
Relinquished By:	Date:	Received By:	All Results are emailed. Please provide Email address: pm@etechenv.com
Time:		REMARKS:	
Delivered By: (Circle One)	Observed Temp. °C: -7.7	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>
Sampler - UPS - Bus - Other:	Corrected Temp. °C: -8.3	CHECKED BY: (Initials) SK	Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No
FORM 000-R 3.4 07/11/25		Thermometer ID #140 Correction Factor: -0.6°C	Observed Temp. °C: Corrected Temp. °C:

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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

January 10, 2025

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: WHITESNAKE 20/21 W2BC FEE #1H BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 01/09/25 14:38.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/09/2025	Sampling Date:	01/09/2025
Reported:	01/10/2025	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20904	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296049-104.110200		

Sample ID: FL - C 1 @ 4' (H250104-01)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/09/2025	ND	1.82	90.8	2.00	1.99	QM-07
Toluene*	<0.050	0.050	01/09/2025	ND	1.92	96.0	2.00	0.456	QM-07, QR-03
Ethylbenzene*	<0.050	0.050	01/09/2025	ND	1.96	98.1	2.00	0.200	QM-07, QR-03
Total Xylenes*	<0.150	0.150	01/09/2025	ND	5.97	99.5	6.00	0.0919	QM-07, QR-03
Total BTEx	<0.300	0.300	01/09/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4160	16.0	01/10/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/09/2025	ND	194	97.2	200	6.39	
DRO >C10-C28*	<10.0	10.0	01/09/2025	ND	178	89.0	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	01/09/2025	ND					

Surrogate: 1-Chlorooctane 84.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.2 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/09/2025	Sampling Date:	01/09/2025
Reported:	01/10/2025	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20904	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296049-104.110200		

Sample ID: FL - C 2 @ 4' (H250104-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/09/2025	ND	1.82	90.8	2.00	1.99		
Toluene*	<0.050	0.050	01/09/2025	ND	1.92	96.0	2.00	0.456		
Ethylbenzene*	<0.050	0.050	01/09/2025	ND	1.96	98.1	2.00	0.200		
Total Xylenes*	<0.150	0.150	01/09/2025	ND	5.97	99.5	6.00	0.0919		
Total BTEX	<0.300	0.300	01/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4160	16.0	01/10/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/09/2025	ND	194	97.2	200	6.39	
DRO >C10-C28*	<10.0	10.0	01/09/2025	ND	178	89.0	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	01/09/2025	ND					

Surrogate: 1-Chlorooctane 88.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.1 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/09/2025	Sampling Date:	01/09/2025
Reported:	01/10/2025	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20904	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296049-104.110200		

Sample ID: FL - C 3 @ 4' (H250104-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/09/2025	ND	1.82	90.8	2.00	1.99		
Toluene*	<0.050	0.050	01/09/2025	ND	1.92	96.0	2.00	0.456		
Ethylbenzene*	<0.050	0.050	01/09/2025	ND	1.96	98.1	2.00	0.200		
Total Xylenes*	<0.150	0.150	01/09/2025	ND	5.97	99.5	6.00	0.0919		
Total BTEX	<0.300	0.300	01/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	01/10/2025	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/09/2025	ND	194	97.2	200	6.39	
DRO >C10-C28*	<10.0	10.0	01/09/2025	ND	178	89.0	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	01/09/2025	ND					

Surrogate: 1-Chlorooctane 91.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/09/2025	Sampling Date:	01/09/2025
Reported:	01/10/2025	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20904	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296049-104.110200		

Sample ID: FL - C 4 @ 4' (H250104-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/09/2025	ND	1.82	90.8	2.00	1.99		
Toluene*	<0.050	0.050	01/09/2025	ND	1.92	96.0	2.00	0.456		
Ethylbenzene*	<0.050	0.050	01/09/2025	ND	1.96	98.1	2.00	0.200		
Total Xylenes*	<0.150	0.150	01/09/2025	ND	5.97	99.5	6.00	0.0919		
Total BTEX	<0.300	0.300	01/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	01/10/2025	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/09/2025	ND	194	97.2	200	6.39	
DRO >C10-C28*	<10.0	10.0	01/09/2025	ND	178	89.0	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	01/09/2025	ND					

Surrogate: 1-Chlorooctane 90.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/09/2025	Sampling Date:	01/09/2025
Reported:	01/10/2025	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20904	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296049-104.110200		

Sample ID: NW - C 1 (H250104-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/09/2025	ND	1.82	90.8	2.00	1.99		
Toluene*	<0.050	0.050	01/09/2025	ND	1.92	96.0	2.00	0.456		
Ethylbenzene*	<0.050	0.050	01/09/2025	ND	1.96	98.1	2.00	0.200		
Total Xylenes*	<0.150	0.150	01/09/2025	ND	5.97	99.5	6.00	0.0919		
Total BTEX	<0.300	0.300	01/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	01/10/2025	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/09/2025	ND	194	97.2	200	6.39	
DRO >C10-C28*	<10.0	10.0	01/09/2025	ND	178	89.0	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	01/09/2025	ND					

Surrogate: 1-Chlorooctane 89.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/09/2025	Sampling Date:	01/09/2025
Reported:	01/10/2025	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20904	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296049-104.110200		

Sample ID: WW - C 1 (H250104-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/09/2025	ND	1.82	90.8	2.00	1.99		
Toluene*	<0.050	0.050	01/09/2025	ND	1.92	96.0	2.00	0.456		
Ethylbenzene*	<0.050	0.050	01/09/2025	ND	1.96	98.1	2.00	0.200		
Total Xylenes*	<0.150	0.150	01/09/2025	ND	5.97	99.5	6.00	0.0919		
Total BTEX	<0.300	0.300	01/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	01/10/2025	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/09/2025	ND	194	97.2	200	6.39	
DRO >C10-C28*	<10.0	10.0	01/09/2025	ND	178	89.0	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	01/09/2025	ND					

Surrogate: 1-Chlorooctane 83.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/09/2025	Sampling Date:	01/09/2025
Reported:	01/10/2025	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20904	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296049-104.110200		

Sample ID: WW - C 2 (H250104-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/09/2025	ND	1.82	90.8	2.00	1.99		
Toluene*	<0.050	0.050	01/09/2025	ND	1.92	96.0	2.00	0.456		
Ethylbenzene*	<0.050	0.050	01/09/2025	ND	1.96	98.1	2.00	0.200		
Total Xylenes*	<0.150	0.150	01/09/2025	ND	5.97	99.5	6.00	0.0919		
Total BTEX	<0.300	0.300	01/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	01/10/2025	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/09/2025	ND	194	97.2	200	6.39	
DRO >C10-C28*	<10.0	10.0	01/09/2025	ND	178	89.0	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	01/09/2025	ND					

Surrogate: 1-Chlorooctane 92.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/09/2025	Sampling Date:	01/09/2025
Reported:	01/10/2025	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20904	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296049-104.110200		

Sample ID: EW - C 1 (H250104-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/09/2025	ND	1.82	90.8	2.00	1.99		
Toluene*	<0.050	0.050	01/09/2025	ND	1.92	96.0	2.00	0.456		
Ethylbenzene*	<0.050	0.050	01/09/2025	ND	1.96	98.1	2.00	0.200		
Total Xylenes*	<0.150	0.150	01/09/2025	ND	5.97	99.5	6.00	0.0919		
Total BTEX	<0.300	0.300	01/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/10/2025	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/10/2025	ND	194	97.2	200	6.39	
DRO >C10-C28*	<10.0	10.0	01/10/2025	ND	178	89.0	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	01/10/2025	ND					

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/09/2025	Sampling Date:	01/09/2025
Reported:	01/10/2025	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20904	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296049-104.110200		

Sample ID: EW - C 2 (H250104-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/09/2025	ND	1.82	90.8	2.00	1.99		
Toluene*	<0.050	0.050	01/09/2025	ND	1.92	96.0	2.00	0.456		
Ethylbenzene*	<0.050	0.050	01/09/2025	ND	1.96	98.1	2.00	0.200		
Total Xylenes*	<0.150	0.150	01/09/2025	ND	5.97	99.5	6.00	0.0919		
Total BTEX	<0.300	0.300	01/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	01/10/2025	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/10/2025	ND	194	97.2	200	6.39	
DRO >C10-C28*	<10.0	10.0	01/10/2025	ND	178	89.0	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	01/10/2025	ND					

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/09/2025	Sampling Date:	01/09/2025
Reported:	01/10/2025	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20904	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296049-104.110200		

Sample ID: FL - C 5 @ 4' (H250104-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/09/2025	ND	1.82	90.8	2.00	1.99		
Toluene*	<0.050	0.050	01/09/2025	ND	1.92	96.0	2.00	0.456		
Ethylbenzene*	<0.050	0.050	01/09/2025	ND	1.96	98.1	2.00	0.200		
Total Xylenes*	<0.150	0.150	01/09/2025	ND	5.97	99.5	6.00	0.0919		
Total BTEX	<0.300	0.300	01/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	528	16.0	01/10/2025	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/10/2025	ND	194	97.2	200	6.39	
DRO >C10-C28*	<10.0	10.0	01/10/2025	ND	178	89.0	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	01/10/2025	ND					

Surrogate: 1-Chlorooctane 98.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	01/09/2025	Sampling Date:	01/09/2025
Reported:	01/10/2025	Sampling Type:	Soil
Project Name:	WHITESNAKE 20/21 W2BC FEE #1H BAT	Sampling Condition:	Cool & Intact
Project Number:	20904	Sample Received By:	Alyssa Parras
Project Location:	MEWBOURNE 32.296049-104.110200		

Sample ID: FL - C 6 @ 4' (H250104-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/09/2025	ND	1.82	90.8	2.00	1.99		
Toluene*	<0.050	0.050	01/09/2025	ND	1.92	96.0	2.00	0.456		
Ethylbenzene*	<0.050	0.050	01/09/2025	ND	1.96	98.1	2.00	0.200		
Total Xylenes*	<0.150	0.150	01/09/2025	ND	5.97	99.5	6.00	0.0919		
Total BTEX	<0.300	0.300	01/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1520	16.0	01/10/2025	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/09/2025	ND	185	92.6	200	1.19	
DRO >C10-C28*	<10.0	10.0	01/09/2025	ND	174	87.2	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	01/09/2025	ND					

Surrogate: 1-Chlorooctane 86.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST																													
Project Manager: Lance Crenshaw				P.O. #:				Chloride TPH (8015M) BTEX (8021B)																													
Address: 2614 W Marland				Company: Newbourne Oil Co.																																	
City: Hobbs State: NM Zip: 88240				Attn: Conner Walker																																	
Phone #: (505) 396-2371 Fax #: (505) 396-2371				Address: 4801 Business Park																																	
Project #: 20904 Project Owner: Newbourne Oil Co.				City: Hobbs State: NM Zip: 88240																																	
Project Name: White Snake 20-21 W23C FBE #14 Battery				Phone #: (515) 393-5905																																	
Project Location: 32.296049, -104.110200				Fax #:																																	
Sampler Name: Addison Elston																																					
FOR LAB USE ONLY																																					
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV.		SAMPLING																									
				GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER:		ACID/BASE:		ICE / COOL		OTHER:		DATE		TIME													
H250104				C		1		X								X		1-9-24		09:30																	
1		FL-C1@4'		C		1		X								X		1-9-24		10:00																	
2		FL-C2@4'		C		1		X								X		1-9-24		11:15																	
3		FL-C3@4'		C		1		X								X		1-9-24		11:45																	
4		FL-C4@4'		C		1		X								X		1-9-24		12:15																	
5		NW-C1		C		1		X								X		1-9-24		11:15																	
6		NW-C1		C		1		X								X		1-9-24		11:45																	
7		NW-C2		C		1		X								X		1-9-24		11:15																	
8		EW-C1		C		1		X								X		1-9-24		11:45																	
9		EW-C2		C		1		X								X		1-9-24		12:15																	
10		FL-C5@4'		C		1		X								X		1-9-24		12:15																	
<p>PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.</p>																																					
Relinquished By:				Date: 1-9-25				Received By:				Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No				Add'l Phone #:																					
Addison Elston				Time: 1438				Aparicio				Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No				Add'l Fax #:																					
Relinquished By:				Date:				Received By:				REMARKS:																									
				Time:								24 Hour Rush																									
Please email results to pm@etechenv.com.																																					
Delivered By: (Circle One) <input checked="" type="checkbox"/> UPS <input type="checkbox"/> Bus <input type="checkbox"/> Other: 05-C-0.62												Sample Condition				CHECKED BY:																					
Sampler - UPS - Bus - Other: 01-4 #140												Cool Intact				(Initials)																					
												<input type="checkbox"/> Yes <input type="checkbox"/> No				JP																					

FORM-006

Revision 1.0

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

**ARDINAL LABORATORIES**

101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

Appendix E

Laboratory Analytical Reports (Groundwater)



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

September 03, 2024

CONNER WALKER

MEWBOURNE OIL COMPANY

P. O. BOX 5270

HOBBS, NM 88240

RE: CWMS WHITESNAKE RISER

Enclosed are the results of analyses for samples received by the laboratory on 08/28/24 14:58.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

MEWBOURNE OIL COMPANY
CONNER WALKER
P. O. BOX 5270
HOBBS NM, 88240
Fax To: (575) 937-6252

Received:	08/28/2024	Sampling Date:	08/28/2024
Reported:	09/03/2024	Sampling Type:	Water
Project Name:	CWMS WHITESNAKE RISER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NOT GIVEN		

Sample ID: GW 1@22 (H245244-01)

Chloride, SM4500Cl-B (Water)		mg/L		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	6000	4.00	08/29/2024	ND	108	108	100	3.77	
TDS 160.1		mg/L		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TDS*	12600	15.0	08/30/2024	13.0	518	104	500	2.13	

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Mewbourne Oil Company</u>				BILL TO				ANALYSIS REQUEST															
Project Manager: <u>Curtis Walker</u>				P.O. #:																			
Address:				Company:																			
City:		State:		Zip:		Attn:																	
Phone #:		Fax #:		Address:																			
Project #:		Project Owner:		City:																			
Project Name: <u>CWMS WHITESNAKE RIVER</u>				State: Zip:																			
Project Location: <u>CWMS WHITESNAKE RIVER</u>				Phone #:																			
Sampler Name: <u>J. Broom</u>				Fax #:																			
FOR LAB USE ONLY																							
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX				PRESERV.		SAMPLING		DATE		TIME		TDS		CL-	
								GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER				ACID/BASE: ICE / COOL OTHER											
4245244		GW 1 @ 22'						✓				✓		8-22-24		0900							

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

Relinquished By: <u>Jeff Broom</u>		Date: <u>8-21-24</u>		Received By: <u>Spodigney</u>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
		Time: <u>1458</u>				All Results are emailed. Please provide Email address:	
Relinquished By:		Date:		Received By:		REMARKS:	
		Time:					
Delivered By: (Circle One)		Observed Temp. °C <u>19.3C</u>		Sample Condition		CHECKED BY: (Initials) <u>SK</u>	
Sampler - UPS - Bus - Other:		Corrected Temp. °C <u>18.7C</u>		Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Turnaround Time: <u>3 day</u>	
				Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/>		Bacteria (only) Sample Condition	
				<input type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact		Cool Intact Observed Temp. °C	
				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
						Corrected Temp. °C	

FORM-006 R 3.3 08/03/24

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Appendix F

Regulatory Correspondence

From: OCDOnline@state.nm.us
To: [Jeff Broom](#)
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 375068
Date: Monday, August 19, 2024 12:12:07 PM

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2422659329.

The sampling event is expected to take place:

When: 08/23/2024 @ 07:00

Where: C-20-23S-28E 0 FNL 0 FEL (32.29585,-104.11035)

Additional Information: Dominic Casarez
432-813-1036

Additional Instructions: From Start Point: 32.297937, -104.105132 (US-HWY 285 and E London Rd) Head W on W London R for .43 miles, S for .10 miles, E across pad for .09 miles to arrive at release: White Snake 20-21 W2BC Fee #1H Battery (GPS: 32.296049, -104.110200)

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
To: [Jeff Broom](#)
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 375072
Date: Monday, August 19, 2024 12:15:53 PM

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2422659329.

The sampling event is expected to take place:

When: 08/26/2024 @ 07:00

Where: C-20-23S-28E 0 FNL 0 FEL (32.29585,-104.11035)

Additional Information: Dominic Casarez (432)813-1062

Additional Instructions: From Start Point: 32.297937, -104.105132 (US-HWY 285 and E London Rd) Head W on W London R for .43 miles, S for .10 miles, E across pad for .09 miles to arrive at release: White Snake 20-21 W2BC Fee #1H Battery (GPS: 32.296049, -104.110200)

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
To: [Jeff Broom](#)
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 375073
Date: Monday, August 19, 2024 12:17:58 PM

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2422659329.

The sampling event is expected to take place:

When: 08/27/2024 @ 07:00

Where: C-20-23S-28E 0 FNL 0 FEL (32.29585,-104.11035)

Additional Information: Dominic Casarez (432)813-1062

Additional Instructions: From Start Point: 32.297937, -104.105132 (US-HWY 285 and E London Rd) Head W on W London R for .43 miles, S for .10 miles, E across pad for .09 miles to arrive at release: White Snake 20-21 W2BC Fee #1H Battery (GPS: 32.296049, -104.110200)

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
To: [Jeff Broom](#)
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 375075
Date: Monday, August 19, 2024 12:20:32 PM

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2422659329.

The sampling event is expected to take place:

When: 08/28/2024 @ 07:00

Where: C-20-23S-28E 0 FNL 0 FEL (32.29585,-104.11035)

Additional Information: Dominic Casarez (432)813-1036

Additional Instructions: From Start Point: 32.297937, -104.105132 (US-HWY 285 and E London Rd) Head W on W London R for .43 miles, S for .10 miles, E across pad for .09 miles to arrive at release: White Snake 20-21 W2BC Fee #1H Battery (GPS: 32.296049, -104.110200)

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
To: [Jeff Broom](#)
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 375078
Date: Monday, August 19, 2024 12:22:15 PM

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2422659329.

The sampling event is expected to take place:

When: 08/29/2024 @ 07:00

Where: C-20-23S-28E 0 FNL 0 FEL (32.29585,-104.11035)

Additional Information: Dominic Casarez (432)813-1036

Additional Instructions: From Start Point: 32.297937, -104.105132 (US-HWY 285 and E London Rd) Head W on W London R for .43 miles, S for .10 miles, E across pad for .09 miles to arrive at release: White Snake 20-21 W2BC Fee #1H Battery (GPS: 32.296049, -104.110200)

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
To: [Jeff Broom](#)
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 375081
Date: Monday, August 19, 2024 12:24:20 PM

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2422659329.

The sampling event is expected to take place:

When: 08/30/2024 @ 07:00

Where: C-20-23S-28E 0 FNL 0 FEL (32.29585,-104.11035)

Additional Information: Dominic Casarez (432)813-1036

Additional Instructions: From Start Point: 32.297937, -104.105132 (US-HWY 285 and E London Rd) Head W on W London R for .43 miles, S for .10 miles, E across pad for .09 miles to arrive at release: White Snake 20-21 W2BC Fee #1H Battery (GPS: 32.296049, -104.110200)

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
To: [Jeff Broom](#)
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 407498
Date: Monday, December 2, 2024 11:22:46 AM

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2422659329.

The sampling event is expected to take place:

When: 12/04/2024 @ 07:30

Where: C-20-23S-28E 0 FNL 0 FEL (32.29585,-104.11035)

Additional Information: Dominic Casarez
432-813-1036

Additional Instructions: From Start Point: 32.297937, -104.105132 (US-HWY 285 and E London Rd) Head W on W London R for .43 miles, S for .10 miles, E across pad for .09 miles to arrive at release: White Snake 20-21 W2BC Fee #1H Battery (GPS: 32.296049, -104.110200)

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
To: [Jeff Broom](#)
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 407503
Date: Monday, December 2, 2024 11:25:56 AM

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2422659329.

The sampling event is expected to take place:

When: 12/05/2024 @ 07:30

Where: C-20-23S-28E 0 FNL 0 FEL (32.29585,-104.11035)

Additional Information: Dominic Casarez, 432-813-1036

Additional Instructions: From Start Point: 32.297937, -104.105132 (US-HWY 285 and E London Rd) Head W on W London R for .43 miles, S for .10 miles, E across pad for .09 miles to arrive at release: White Snake 20-21 W2BC Fee #1H Battery (GPS: 32.296049, -104.110200)

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
To: [Jeff Broom](#)
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 407505
Date: Monday, December 2, 2024 11:27:53 AM

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2422659329.

The sampling event is expected to take place:

When: 12/06/2024 @ 07:30

Where: C-20-23S-28E 0 FNL 0 FEL (32.29585,-104.11035)

Additional Information: Dominic Casarez, 432-813-1036

Additional Instructions: From Start Point: 32.297937, -104.105132 (US-HWY 285 and E London Rd) Head W on W London R for .43 miles, S for .10 miles, E across pad for .09 miles to arrive at release: White Snake 20-21 W2BC Fee #1H Battery (GPS: 32.296049, -104.110200)

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
To: [Jeff Broom](#)
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 407509
Date: Monday, December 2, 2024 11:30:00 AM

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2422659329.

The sampling event is expected to take place:

When: 12/09/2024 @ 07:30

Where: C-20-23S-28E 0 FNL 0 FEL (32.29585,-104.11035)

Additional Information: Dominic Casarez, 432-813-1036

Additional Instructions: From Start Point: 32.297937, -104.105132 (US-HWY 285 and E London Rd) Head W on W London R for .43 miles, S for .10 miles, E across pad for .09 miles to arrive at release: White Snake 20-21 W2BC Fee #1H Battery (GPS: 32.296049, -104.110200)

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
To: [Jeff Broom](#)
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 407513
Date: Monday, December 2, 2024 11:32:07 AM

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2422659329.

The sampling event is expected to take place:

When: 12/10/2024 @ 07:30

Where: C-20-23S-28E 0 FNL 0 FEL (32.29585,-104.11035)

Additional Information: Dominic Casarez, 432-813-1036

Additional Instructions: From Start Point: 32.297937, -104.105132 (US-HWY 285 and E London Rd) Head W on W London R for .43 miles, S for .10 miles, E across pad for .09 miles to arrive at release: White Snake 20-21 W2BC Fee #1H Battery (GPS: 32.296049, -104.110200)

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
To: [Jeff Broom](#)
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 407520
Date: Monday, December 2, 2024 11:33:54 AM

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2422659329.

The sampling event is expected to take place:

When: 12/11/2024 @ 07:30

Where: C-20-23S-28E 0 FNL 0 FEL (32.29585,-104.11035)

Additional Information: Dominic Casarez, 432-813-1036

Additional Instructions: From Start Point: 32.297937, -104.105132 (US-HWY 285 and E London Rd) Head W on W London R for .43 miles, S for .10 miles, E across pad for .09 miles to arrive at release: White Snake 20-21 W2BC Fee #1H Battery (GPS: 32.296049, -104.110200)

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
To: [Jeff Broom](#)
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 407522
Date: Monday, December 2, 2024 11:35:54 AM

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2422659329.

The sampling event is expected to take place:

When: 12/12/2024 @ 07:30

Where: C-20-23S-28E 0 FNL 0 FEL (32.29585,-104.11035)

Additional Information: Dominic Casarez, 432-813-1036

Additional Instructions: From Start Point: 32.297937, -104.105132 (US-HWY 285 and E London Rd) Head W on W London R for .43 miles, S for .10 miles, E across pad for .09 miles to arrive at release: White Snake 20-21 W2BC Fee #1H Battery (GPS: 32.296049, -104.110200)

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
To: [Jeff Broom](#)
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 407525
Date: Monday, December 2, 2024 11:37:56 AM

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2422659329.

The sampling event is expected to take place:

When: 12/13/2024 @ 07:30

Where: C-20-23S-28E 0 FNL 0 FEL (32.29585,-104.11035)

Additional Information: Dominic Casarez, 432-813-1036

Additional Instructions: From Start Point: 32.297937, -104.105132 (US-HWY 285 and E London Rd) Head W on W London R for .43 miles, S for .10 miles, E across pad for .09 miles to arrive at release: White Snake 20-21 W2BC Fee #1H Battery (GPS: 32.296049, -104.110200)

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
To: [Jeff Broom](#)
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 411214
Date: Thursday, December 12, 2024 1:17:29 PM

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2422659329.

The sampling event is expected to take place:

When: 12/16/2024 @ 07:30

Where: C-20-23S-28E 0 FNL 0 FEL (32.29585,-104.11035)

Additional Information: Dominic Casarez, 432-813-1036

Additional Instructions: From Start Point: 32.297937, -104.105132 (US-HWY 285 and E London Rd) Head W on W London R for .43 miles, S for .10 miles, E across pad for .09 miles to arrive at release: White Snake 20-21 W2BC Fee #1H Battery (GPS: 32.296049, -104.110200)

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
To: [Jeff Broom](#)
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 411221
Date: Thursday, December 12, 2024 1:19:35 PM

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2422659329.

The sampling event is expected to take place:

When: 12/17/2024 @ 07:30

Where: C-20-23S-28E 0 FNL 0 FEL (32.29585,-104.11035)

Additional Information: Dominic Casarez, 432-813-1036

Additional Instructions: From Start Point: 32.297937, -104.105132 (US-HWY 285 and E London Rd) Head W on W London R for .43 miles, S for .10 miles, E across pad for .09 miles to arrive at release: White Snake 20-21 W2BC Fee #1H Battery (GPS: 32.296049, -104.110200)

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
To: [Jeff Broom](#)
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 411224
Date: Thursday, December 12, 2024 1:21:19 PM

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2422659329.

The sampling event is expected to take place:

When: 12/18/2024 @ 07:30

Where: C-20-23S-28E 0 FNL 0 FEL (32.29585,-104.11035)

Additional Information: Dominic Casarez, 432-813-1036

Additional Instructions: From Start Point: 32.297937, -104.105132 (US-HWY 285 and E London Rd) Head W on W London R for .43 miles, S for .10 miles, E across pad for .09 miles to arrive at release: White Snake 20-21 W2BC Fee #1H Battery (GPS: 32.296049, -104.110200)

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
To: [Jeff Broom](#)
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 411225
Date: Thursday, December 12, 2024 1:23:30 PM

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2422659329.

The sampling event is expected to take place:

When: 12/19/2024 @ 07:30

Where: C-20-23S-28E 0 FNL 0 FEL (32.29585,-104.11035)

Additional Information: Dominic Casarez, 432-813-1036

Additional Instructions: From Start Point: 32.297937, -104.105132 (US-HWY 285 and E London Rd) Head W on W London R for .43 miles, S for .10 miles, E across pad for .09 miles to arrive at release: White Snake 20-21 W2BC Fee #1H Battery (GPS: 32.296049, -104.110200)

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
To: [Jeff Broom](#)
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 411228
Date: Thursday, December 12, 2024 1:25:12 PM

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2422659329.

The sampling event is expected to take place:

When: 12/20/2024 @ 07:30

Where: C-20-23S-28E 0 FNL 0 FEL (32.29585,-104.11035)

Additional Information: Dominic Casarez, 432-813-1036

Additional Instructions: From Start Point: 32.297937, -104.105132 (US-HWY 285 and E London Rd) Head W on W London R for .43 miles, S for .10 miles, E across pad for .09 miles to arrive at release: White Snake 20-21 W2BC Fee #1H Battery (GPS: 32.296049, -104.110200)

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
To: [Jeff Broom](#)
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 416462
Date: Thursday, January 2, 2025 1:20:58 PM

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2422659329.

The sampling event is expected to take place:

When: 01/06/2025 @ 07:30

Where: C-20-23S-28E 0 FNL 0 FEL (32.29585,-104.11035)

Additional Information: Dominic Casarez, 432-813-1036

Additional Instructions: From Start Point: 32.297937, -104.105132 (US-HWY 285 and E London Rd) Head W on W London R for .43 miles, S for .10 miles, E across pad for .09 miles to arrive at release: White Snake 20-21 W2BC Fee #1H Battery (GPS: 32.296049, -104.110200)

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
To: [Jeff Broom](#)
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 416465
Date: Thursday, January 2, 2025 1:23:35 PM

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2422659329.

The sampling event is expected to take place:

When: 01/07/2025 @ 07:30

Where: C-20-23S-28E 0 FNL 0 FEL (32.29585,-104.11035)

Additional Information: Dominic Casarez, 432-813-1036

Additional Instructions: From Start Point: 32.297937, -104.105132 (US-HWY 285 and E London Rd) Head W on W London R for .43 miles, S for .10 miles, E across pad for .09 miles to arrive at release: White Snake 20-21 W2BC Fee #1H Battery (GPS: 32.296049, -104.110200)

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
To: [Jeff Broom](#)
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 416466
Date: Thursday, January 2, 2025 1:25:03 PM

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2422659329.

The sampling event is expected to take place:

When: 01/08/2025 @ 07:30

Where: C-20-23S-28E 0 FNL 0 FEL (32.29585,-104.11035)

Additional Information: Dominic Casarez, 432-813-1036

Additional Instructions: From Start Point: 32.297937, -104.105132 (US-HWY 285 and E London Rd) Head W on W London R for .43 miles, S for .10 miles, E across pad for .09 miles to arrive at release: White Snake 20-21 W2BC Fee #1H Battery (GPS: 32.296049, -104.110200)

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
To: [Jeff Broom](#)
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 416475
Date: Thursday, January 2, 2025 1:46:09 PM

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2422659329.

The sampling event is expected to take place:

When: 01/09/2025 @ 07:30

Where: C-20-23S-28E 0 FNL 0 FEL (32.29585,-104.11035)

Additional Information: Dominic Casarez, 432-813-1036

Additional Instructions: From Start Point: 32.297937, -104.105132 (US-HWY 285 and E London Rd) Head W on W London R for .43 miles, S for .10 miles, E across pad for .09 miles to arrive at release: White Snake 20-21 W2BC Fee #1H Battery (GPS: 32.296049, -104.110200)

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
To: [Jeff Broom](#)
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 416476
Date: Thursday, January 2, 2025 1:47:45 PM

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2422659329.

The sampling event is expected to take place:

When: 01/10/2025 @ 07:30

Where: C-20-23S-28E 0 FNL 0 FEL (32.29585,-104.11035)

Additional Information: Dominic Casarez, 432-813-1036

Additional Instructions: From Start Point: 32.297937, -104.105132 (US-HWY 285 and E London Rd) Head W on W London R for .43 miles, S for .10 miles, E across pad for .09 miles to arrive at release: White Snake 20-21 W2BC Fee #1H Battery (GPS: 32.296049, -104.110200)

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
To: [Jeff Broom](#)
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 416477
Date: Thursday, January 2, 2025 1:49:18 PM

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2422659329.

The sampling event is expected to take place:

When: 01/13/2025 @ 07:30

Where: C-20-23S-28E 0 FNL 0 FEL (32.29585,-104.11035)

Additional Information: Dominic Casarez, 432-813-1036

Additional Instructions: From Start Point: 32.297937, -104.105132 (US-HWY 285 and E London Rd) Head W on W London R for .43 miles, S for .10 miles, E across pad for .09 miles to arrive at release: White Snake 20-21 W2BC Fee #1H Battery (GPS: 32.296049, -104.110200)

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
To: [Jeff Broom](#)
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 416478
Date: Thursday, January 2, 2025 1:51:37 PM

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2422659329.

The sampling event is expected to take place:

When: 01/14/2025 @ 07:30

Where: C-20-23S-28E 0 FNL 0 FEL (32.29585,-104.11035)

Additional Information: Dominic Casarez, 432-813-1036

Additional Instructions: From Start Point: 32.297937, -104.105132 (US-HWY 285 and E London Rd) Head W on W London R for .43 miles, S for .10 miles, E across pad for .09 miles to arrive at release: White Snake 20-21 W2BC Fee #1H Battery (GPS: 32.296049, -104.110200)

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
To: [Jeff Broom](#)
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 416479
Date: Thursday, January 2, 2025 1:53:24 PM

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2422659329.

The sampling event is expected to take place:

When: 01/15/2025 @ 07:30

Where: C-20-23S-28E 0 FNL 0 FEL (32.29585,-104.11035)

Additional Information: Dominic Casarez, 432-813-1036

Additional Instructions: From Start Point: 32.297937, -104.105132 (US-HWY 285 and E London Rd) Head W on W London R for .43 miles, S for .10 miles, E across pad for .09 miles to arrive at release: White Snake 20-21 W2BC Fee #1H Battery (GPS: 32.296049, -104.110200)

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
To: [Jeff Broom](#)
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 416480
Date: Thursday, January 2, 2025 1:55:20 PM

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2422659329.

The sampling event is expected to take place:

When: 01/16/2025 @ 07:30

Where: C-20-23S-28E 0 FNL 0 FEL (32.29585,-104.11035)

Additional Information: Dominic Casarez, 432-813-1036

Additional Instructions: From Start Point: 32.297937, -104.105132 (US-HWY 285 and E London Rd) Head W on W London R for .43 miles, S for .10 miles, E across pad for .09 miles to arrive at release: White Snake 20-21 W2BC Fee #1H Battery (GPS: 32.296049, -104.110200)

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
To: [Jeff Broom](#)
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 416481
Date: Thursday, January 2, 2025 1:56:57 PM

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2422659329.

The sampling event is expected to take place:

When: 01/17/2025 @ 07:30

Where: C-20-23S-28E 0 FNL 0 FEL (32.29585,-104.11035)

Additional Information: Dominic Casarez, 432-813-1036

Additional Instructions: From Start Point: 32.297937, -104.105132 (US-HWY 285 and E London Rd) Head W on W London R for .43 miles, S for .10 miles, E across pad for .09 miles to arrive at release: White Snake 20-21 W2BC Fee #1H Battery (GPS: 32.296049, -104.110200)

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
To: [Jeff Broom](#)
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 416482
Date: Thursday, January 2, 2025 1:59:33 PM

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2422659329.

The sampling event is expected to take place:

When: 01/06/2025 @ 07:30

Where: C-20-23S-28E 0 FNL 0 FEL (32.29585,-104.11035)

Additional Information: Dominic Casarez, 432-813-1036

Additional Instructions: From Start Point: 32.297937, -104.105132 (US-HWY 285 and E London Rd) Head W on W London R for .43 miles, S for .10 miles, E across pad for .09 miles to arrive at release: White Snake 20-21 W2BC Fee #1H Battery (GPS: 32.296049, -104.110200)

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
To: [Jeff Broom](#)
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 416485
Date: Thursday, January 2, 2025 2:01:27 PM

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2422659329.

The sampling event is expected to take place:

When: 01/07/2025 @ 07:30

Where: C-20-23S-28E 0 FNL 0 FEL (32.29585,-104.11035)

Additional Information: Dominic Casarez, 432-813-1036

Additional Instructions: From Start Point: 32.297937, -104.105132 (US-HWY 285 and E London Rd) Head W on W London R for .43 miles, S for .10 miles, E across pad for .09 miles to arrive at release: White Snake 20-21 W2BC Fee #1H Battery (GPS: 32.296049, -104.110200)

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@state.nm.us
To: [Jeff Broom](#)
Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 416486
Date: Thursday, January 2, 2025 2:03:35 PM

To whom it may concern (c/o Jeff Broom for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2422659329.

The sampling event is expected to take place:

When: 01/08/2025 @ 07:30

Where: C-20-23S-28E 0 FNL 0 FEL (32.29585,-104.11035)

Additional Information: Dominic Casarez, 432-813-1036

Additional Instructions: From Start Point: 32.297937, -104.105132 (US-HWY 285 and E London Rd) Head W on W London R for .43 miles, S for .10 miles, E across pad for .09 miles to arrive at release: White Snake 20-21 W2BC Fee #1H Battery (GPS: 32.296049, -104.110200)

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS

Action 445620

QUESTIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 445620
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2422659329
Incident Name	NAPP2422659329 CWMS WHITESNAKE RISER @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received

Location of Release Source	
Please answer all the questions in this group.	
Site Name	CWMS WHITESNAKE RISER
Date Release Discovered	07/30/2024
Surface Owner	Private

Incident Details	
Please answer all the questions in this group.	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Pipeline (Any) Produced Water Released: 543 BBL Recovered: 66 BBL Lost: 477 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 445620

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 445620
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

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	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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.

I hereby agree and sign off to the above statement	Name: Connor Walker Title: Senior Engineer Email: cwalker@mewbourne.com Date: 08/13/2024
--	---

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Phone: (505) 476-3441

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

QUESTIONS, Page 3

Action 445620

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 445620
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Less than or equal 25 (ft.)
What method was used to determine the depth to ground water	Direct Measurement
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1000 (ft.) and ½ (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1000 (ft.) and ½ (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1000 (ft.) and ½ (mi.)
Any other fresh water well or spring	Between 1000 (ft.) and ½ (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1000 (ft.) and ½ (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Between 1000 (ft.) and ½ (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	71200
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	1230
GRO+DRO (EPA SW-846 Method 8015M)	952
BTEX (EPA SW-846 Method 8021B or 8260B)	0.5
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	08/02/2024
On what date will (or did) the final sampling or liner inspection occur	11/15/2024
On what date will (or was) the remediation complete(d)	11/29/2024
What is the estimated surface area (in square feet) that will be reclaimed	86330
What is the estimated volume (in cubic yards) that will be reclaimed	12790
What is the estimated surface area (in square feet) that will be remediated	86330
What is the estimated volume (in cubic yards) that will be remediated	12790
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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

QUESTIONS, Page 4

Action 445620

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 445620
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	<i>Not answered.</i>
OR which OCD approved well (API) will be used for off-site disposal	<i>Not answered.</i>
OR is the off-site disposal site, to be used, out-of-state	Yes
In which state is the disposal taking place	Texas
What is the name of the out-of-state facility	R360 Red Bluff Facility
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
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.	
I hereby agree and sign off to the above statement	Name: Connor Walker Title: Senior Engineer Email: cwalker@mewbourne.com Date: 10/28/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

Sante Fe Main Office
Phone: (505) 476-3441

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

QUESTIONS, Page 5

Action 445620

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 445620
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

Sante Fe Main Office
Phone: (505) 476-3441

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

QUESTIONS, Page 6

Action 445620

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 445620
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	416481
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/17/2025
What was the (estimated) number of samples that were to be gathered	95
What was the sampling surface area in square feet	38000

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	86032
What was the total volume (cubic yards) remediated	19234
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	86032
What was the total volume (in cubic yards) reclaimed	19234
Summarize any additional remediation activities not included by answers (above)	Please see attached closure request for complete remediation activities.
<p><i>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 (in .pdf format) 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.</i></p>	
<p>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.</p>	
I hereby agree and sign off to the above statement	Name: Connor Walker Title: Senior Engineer Email: cwalker@mewbourne.com Date: 03/26/2025

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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State of New Mexico
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Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 7

Action 445620

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 445620
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 445620

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 445620
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
nvez	None	6/16/2025