

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2103559332
District RP	
Facility ID	
Application ID	

Closure

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

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

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Nikki Mishler Title: Sr. Environmental Representative
 Signature: Nikki Mishler Date: 12/19/22
 email: nikki.mishler@permianres.com Telephone: 432-634-8722

OCD Only

Received by: Jocelyn Harimon Date: 12/19/2022

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

Closure Approved by: Robert Hamlet Date: 1/24/2023
 Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced



402 E. Wood Avenue
Carlsbad, New Mexico 88220
Tel. 432.701.2159
www.ntgenvironmental.com

December 19, 2022

Mike Bratcher
District Supervisor
Oil Conservation Division, District 2
811 S. First Street
Artesia, New Mexico 88210

**Re: Closure Report
SMOKEY BITS CTB
Colgate Production, LLC.
Site Location: Unit L-36-18S-30E
(Lat 32.700959, Long -103.933389)
Eddy County, New Mexico
Incident ID: NAPP2103559332**

Mr. Bratcher:

On behalf of Colgate Production, LLC (Colgate), New Tech Global Environmental, LLC (NTGE) has prepared this letter to document site assessment and remedial action activities at the SMOKEY BITS CTB location (Site). The Site is located approximately 24.5 miles northeast of Carlsbad, New Mexico in Eddy County (Figures 1 and 2).

Background

Based on the initial C-141 submitted by the previous operator OXY USA INC (OXY) and obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on November 7, 2020. The release was a result of a leaking heater treater causing fluid to discharge into the earthen containment area. The discharge resulted in the release of approximately 20 barrels (bbls) of crude oil of which 19 Bbls were recovered. Upon discovery, the well was shut-in and area was secured. The initial C-141 form is attached.

Site Characterization

The Site is located within a high karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there are no known water sources within a ½ mile radius of the location. “BBC DELINEATION/REMEDATION WORKPLAN” states that the depth to groundwater is at 183.99 feet below ground surface (bgs). The site characterization information and the associated USGS summary report is attached within the report”.

Regulatory Criteria

In accordance with the NMOCD regulatory criteria established in 19.15.29.12 NMAC, the following criteria are applicable to the Site.

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.
- TPH: 100 mg/kg (GRO + DRO + MRO).
- Chloride: 600 mg/kg

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December 19, 2022
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Site Assessment

On February 17, 2021, the previous operator (OXY) contracted BBC International Incorporated (BBC) to conduct site assessment activities to assess the horizontal and vertical extent of impacts at the Site. A total of six sample points (SP-1 through SP-6) were installed within the release area to characterize and vertically delineate the potential impacts. Additionally, four horizontal delineation sample points (North Surface, East Surface, West Surface, and South Surface) were installed to define the extent of potential impacts. Soil samples were collected in 1 ft depth intervals and collected from soil borings advanced to depths ranging from 0 – 6 ft bgs.

Soil samples were collected and analyzed for TPH (EPA method 8015 modified), BTEX (EPA Method 8021B), and chloride (method SM4500Cl-B). Analytical results of the samples are included in attached BBC report. Laboratory reports containing analytical methods and chain-of-custody documents are attached.

Sample locations and lab analytics are shown within the attached “BBC DELINEATION/REMEDIATION WORKPLAN”. The horizontal and vertical extent of impacts were identified at the Site.

Remedial Action Activities and Confirmation Sampling

Based on the analytical results, Colgate proceeded with the remedial actions at the Site to include the excavation and disposal of impacted soils above the regulatory limits. The release area was excavated to the depths detailed below and illustrated on Figure 4.

- The areas of SP-1 & SP-3 were excavated to a depth of 4 ft bgs.
- The area of SP-2 was excavated to a depth of 2 ft bgs.
- The areas of SP-4, SP-5 and SP-6 were excavated to a depth of 3ft bgs.

The soils were field screened during excavation activities to aide in determining final excavation depths. Following excavation activities on August 16, 2022, a total of 45 composite confirmation samples were collected from the excavation base (i.e., CS-1 through CS-44) and 9 composite confirmation samples were collected from the excavation sidewalls (i.e., SW-1 through SW-9) to ensure impacted soil was removed.

The confirmation base samples were collected from areas representing no greater than 200 square ft, and per written approval (attached) sidewalls were collected from areas representing no greater than 500 square feet and analyzed for TPH (EPA method 8015 modified), BTEX (EPA Method 8021B), and chloride (method SM4500Cl-B or 300.0). Analytical results indicated that impact for TPH and or chlorides was still present throughout the release. See Table 1 for analytical results.

Moving forward the excavation was extended vertically and horizontally to encompass areas that indicated further impact. Soils were field screened for TPH and chlorides to help aid in the determination of vertical and horizontal extent.

- CS-7, CS-8, CS-9, CS-13, CS-14, CS-15, CS-19, CS-20, CS-21, CS-25, CS-26, CS-27, CS-34 and CS-35 were extended vertically to a depth of 5ft bgs.
- CS-6, CS-10, CS-11, CS-12, CS-16, CS-17, CS-18, CS-22, CS-23, CS-24, CS-28, CS-29, CS-30, CS-31, CS-36, CS-37 and CS-38 was extended vertically to a depth of 7.5ft bgs.
- CS-33, CS-41 and CS-43 was extended vertically to a depth of 3.5ft bgs.

Mr. Mike Bratcher
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- SW-9 was extended 5ft horizontally.

Upon completion of additional excavation activities, NTGE commenced resampling of the confirmation samples on September 6, 2022. After receipt of the sample analytics, it was noted that the only one sample point (i.e., CS-6) had TPH above NMOCD standards.

- CS-6 extended to 8ft bgs.
- SW-10 and SW-11 added to characterize the new sidewalls opened for CS-6.

The site was resampled on September 16, 2022, with the samples (CS-6, SW-10, SW-11) all below NMOCD standards.

The excavated soils were transported to a NMOCD approved facility, Lea Land LLC. (Lea Land of Carlsbad, NM), for final disposition. A total of 2,376 cubic yards of impacted soils were transported to Lea Land.

The final excavation extent and confirmation sample locations are shown on Figure 4. Analytical results of the confirmation samples are included in Table 1. Following receipt of the analytical results the area was backfilled and graded to a near natural state.

Closing

Based on the assessment and subsequent remedial action activities, the Site is compliant with the regulatory limits and no further actions are required at the site. A copy of the final C- 141 and NMOCD sampling notification are attached. Colgate formally request a no further action designation for the Site.

If you have any questions regarding this report or need additional information, please contact us at 432-701-2159.

Sincerely,
NTG Environmental



Ethan Sessums
Project Manager

Attachments:

Initial And Final C-141
Site Characterization Information
Tables
Figures
Photographic Log
Laboratory Reports and Chain-of-Custody Documents

Ethan Sessums

From: Ethan Sessums
Sent: Friday, August 12, 2022 9:19 AM
To: ocd.enviro@state.nm.us
Subject: Confirmation Sampling Event

We will be conducting confirmation sampling at the Colgate Smokey Bits facility on 8/15/22 around 10 am MST.
NAPP2103559332

Ethan Sessums
Project Manager
NTG Environmental New Mexico
402 E Wood Ave, Carlsbad, NM 88220
M: 254-266-5456 W: 432-701-2159
Email: esessums@ntglobal.com
<http://www.ntgenvironmental.com/>



Ethan Sessums

From: Ethan Sessums
Sent: Thursday, September 1, 2022 3:12 PM
To: ocd.enviro@state.nm.us
Cc: Jordan Tyner
Subject: Smokey Bits Resampling Event

We will be conducting confirmation sampling at the Colgate Smokey Bits facility on 9/6/22 around 10 am MST.
NAPP2103559332

Ethan Sessums
Project Manager
NTG Environmental New Mexico
402 E Wood Ave, Carlsbad, NM 88220
M: 254-266-5456 W: 432-701-2159
Email: esessums@ntglobal.com
<http://www.ntgenvironmental.com/>



Ethan Sessums

From: Ethan Sessums
Sent: Wednesday, September 14, 2022 2:16 PM
To: ocd.enviro@state.nm.us
Cc: Jordan Tyner
Subject: Sampling Event

We will be conducting confirmation sampling at the Colgate Smokey Bits facility on 9/16/22 around 10 am MST.
NAPP2103559332

Ethan Sessums
Project Manager
NTG Environmental New Mexico
402 E Wood Ave, Carlsbad, NM 88220
M: 254-266-5456 W: 432-701-2159
Email: esessums@ntglobal.com
<http://www.ntgenvironmental.com/>



Ethan Sessums

From: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Sent: Monday, December 12, 2022 10:44 AM
To: Ethan Sessums
Cc: Bratcher, Michael, EMNRD; Nobui, Jennifer, EMNRD; Harimon, Jocelyn, EMNRD
Subject: (Variance/Extension) NAPP2103559332 SMOKEY BITS CTB @ L-36-18S-30E 0N 0E

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

RE: Incident #**NAPP2103559332**

Ethan,

The variance request for 500 ft² confirmation samples is approved. Your request for an extension to **January 12th, 2023** is approved. Please include this e-mail correspondence in the remediation and/or closure report.

Robert Hamlet • Environmental Specialist - Advanced
Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Ave. | Artesia, NM 88210
575.909.0302 | robert.hamlet@state.nm.us
<http://www.emnrd.state.nm.us/OCD/>



From: Ethan Sessums <ESessums@ntglobal.com>
Sent: Monday, December 12, 2022 10:33 AM
To: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: [EXTERNAL] Smokey Bits NAPP2103559332

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

As mentioned in the meeting at 10 am this site will require a 500 Sqft sample collection variance to achieve closure, as well as a 30-day extension for closure report submission.

To reiterate this site was confirmation sampled and it was realized after the fact that the sidewall samples had not been recalculated upon extension of excavation depths. The sidewalls are all clean at based on our lab data.

Thank you all for your time!

Ethan Sessums
Project Manager

C-141 Documentation

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

State of New Mexico
Energy Minerals and Natural
Resources Department

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

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

Incident ID	NAPP2103559332
District RP	
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Release Notification

Responsible Party

Responsible Party	OXY USA INC.	OGRID	16696
Contact Name	WADE DITTRICH	Contact Telephone	(575) 390-2828
Contact email	WADE_DITTRICH@OXY.COM	Incident # (assigned by OCD)	
Contact mailing address	PO BOX 4294; HOUSTON, TX 77210		

Location of Release Source

Latitude N 32.700959 Longitude W -103.933389
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	SMOKEY BITS CTB	Site Type	BATTERY
Date Release Discovered	11/7/2020	API# (if applicable)	

Unit Letter	Section	Township	Range	County
L	36	T18S	R30E	EDDY COUNTY, NM

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

Nature and Volume of Release

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

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 20 BBLS	Volume Recovered (bbls) 19 BBLS
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<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 (provide units)	Volume/Weight Recovered (provide units)

Cause of Release
WEAR & TEAR

Form C-141

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Oil Conservation Division


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Was this a major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>Wade Dittrich</u>	Title: <u>Environmental Coordinator</u>
Signature: <u></u>	Date: <u>11-16-2020</u>
email: <u>wade_dittrich@oxy.com</u>	Telephone: <u>(575) 390-2828</u>
<u>OCD Only</u>	
Received by: _____	Date: _____

Incident ID	NAPP2103559332
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Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>183.99</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

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

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

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

Form C-141


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Oil Conservation Division

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Printed Name: Wade Dittrich Title: Environmental Coordinator
Signature:  Date: 5-14-21
email: wade_dittrich@oxy.com Telephone: (575) 390-2828

OCD Only

Received by: _____ Date: _____

Form C-141

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Remediation Plan

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

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

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

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

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Printed Name: Wade Dittrich Title: Environmental Coordinator
Signature:  Date: 5-14-21
email: wade_dittrich@oxy.com Telephone: (575) 390-2828

OCD Only

Received by: _____ Date: _____

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

Signature: _____ Date: _____

State of New Mexico
Oil Conservation Division

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

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

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Printed Name: Nikki Mishler Title: Sr. Environmental Representative
 Signature: Nikki Mishler Date: 12/19/22
 email: nikki.mishler@permianres.com Telephone: 432-634-8722

OCD Only

Received by: Jocelyn Harimon Date: 12/19/2022

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

Location of spill: Smokey Bits CTBDate of Spill: 11/7/2020Site Soil Type: Silt (caliche)Average Daily Production: BBL Oil BBL Water

Total Area Calculations						
Total Surface Area	width		length		wet soil depth	oil (%)
Rectangle Area #1	52 ft	X	87 ft	X	0 in	100%
Rectangle Area #2	0 ft	X	0 ft	X	0 in	0%
Rectangle Area #3	0 ft	X	0 ft	X	0 in	0%
Rectangle Area #4	0 ft	X	0 ft	X	0 in	0%
Rectangle Area #5	0 ft	X	0 ft	X	0 in	0%
Rectangle Area #6	0 ft	X	0 ft	X	0 in	0%
Rectangle Area #7	0 ft	X	0 ft	X	0 in	0%
Rectangle Area #8	0 ft	X	0 ft	X	0 in	0%

Porosity 0.16 gal per gal**Saturated Soil Volume Calculations:**

		H2O		OIL
Area #1	4524 sq. ft.	cu. ft.		cu. ft.
Area #2	0 sq. ft.	cu. ft.		cu. ft.
Area #3	0 sq. ft.	cu. ft.		cu. ft.
Area #4	0 sq. ft.	cu. ft.		cu. ft.
Area #5	0 sq. ft.	cu. ft.		cu. ft.
Area #6	0 sq. ft.	cu. ft.		cu. ft.
Area #7	0 sq. ft.	cu. ft.		cu. ft.
Area #8	0 sq. ft.	cu. ft.		cu. ft.
Total Solid/Liquid Volume:	4,524 sq. ft.	cu. ft.	38	cu. ft.

Estimated Volumes Spilled

	H2O		OIL
Liquid in Soil:	0.0 BBL		1.1 BBL
Liquid Recovered :	0.0 BBL		19.0 BBL
Spill Liquid	0.0 BBL		20.1 BBL
Total Spill Liquid:		20.1	

Recovered Volumes

Estimated oil recovered: **19.0 BBL**
 Estimated water recovered: **0.0 BBL**

Soil Type	Porosity
Clay	0.15
Peat	0.40
Glacial Sediments	0.13
Sandy Clay	0.12
Silt	0.16
Loess	0.25
Fine Sand	0.16
Medium Sand	0.25
Coarse Sand	0.26
Gravelly Sand	0.26
Fine Gravel	0.26
Medium Gravel	0.25
Coarse Gravel	0.18
Sandstone	0.25
Siltstone	0.18
Shale	0.05
Limestone	0.13
Basalt	0.19
Volcanic Tuff	0.20
Standing Liquids	

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

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

CONDITIONS

Action 17090

CONDITIONS OF APPROVAL

Operator:	OXY USA INC	P.O. Box 4294	Houston, TX772104294	OGRID:	16696	Action Number:	17090	Action Type:	C-141
OCD Reviewer									Condition
marcus									None

SITE CHARACTERIZATION INFORMATION



USGS Home
Contact USGS
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National Water Information System: Web Interface


USGS Water Resources

Data Category:
Groundwater

Geographic Area:
New Mexico

GO

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- [Full News](#) 

Groundwater levels for New Mexico

Click to hide state-specific text

Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 324244103561601

Minimum number of levels = 1








[Save file of selected sites](#) to local disk for future upload

USGS 324244103561601 18S.30E.26.414144

Eddy County, New Mexico
Latitude 32°42'55.8", Longitude 103°56'16.4" NAD83
Land-surface elevation 3,431 feet above NAVD88
This well is completed in the Chinle Formation (231CHNL) local aquifer.

Output formats

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

Date	Time	 Water-level date-time accuracy	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	 Water-level accuracy	 Status	 Method of measurement	 Measuring agency	 Source of measurement	 Water-level approval status
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
1976-05-28		D	194.39			2		U		U	A
1983-04-12		D	186.04			2		U		U	A
1990-10-10		D	183.02			2		S		U	A
1994-03-16		D	183.99			2		S		U	A

Released to Imaging: 1/24/2023 8:25:16 AM

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level accuracy	2	Water level accuracy to nearest hundredth of a foot
Status		The reported water-level measurement represents a static level
Method of measurement	S	Steel-tape measurement.
Method of measurement	U	Unknown method.
Measuring agency		Not determined
Source of measurement	U	Source is unknown.
Water-level approval status	A	Approved for publication -- Processing and review completed.

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Title: Groundwater for New Mexico: Water Levels

URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>

Page Contact Information: [New Mexico Water Data Maintainer](#)

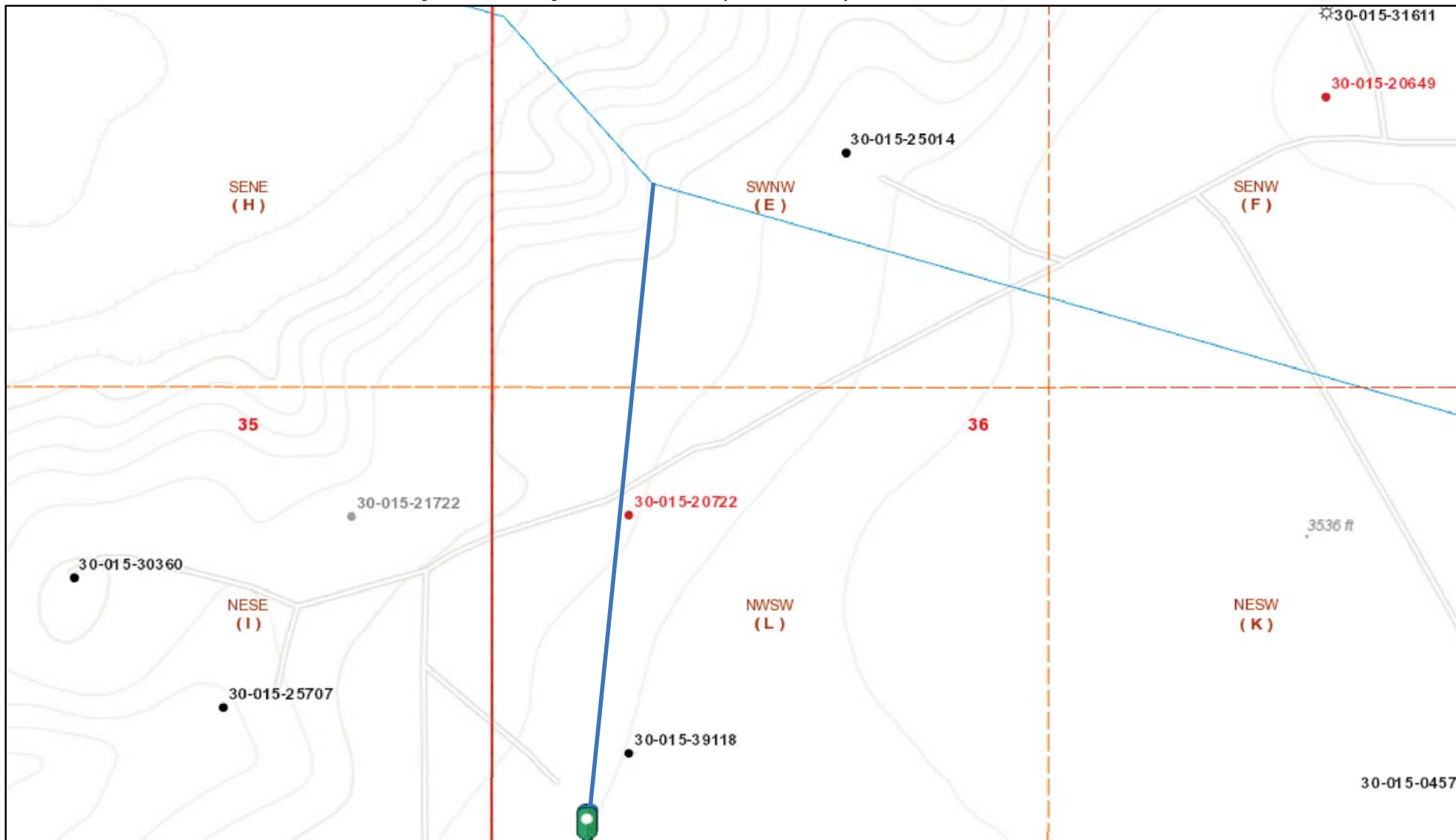
Page Last Modified: 2020-12-22 10:52:45 EST

0.26 0.24 nadww01



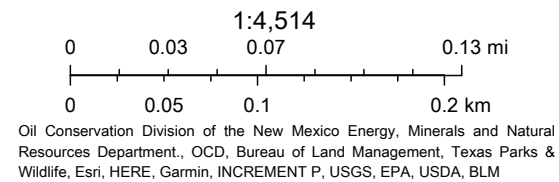
Received by OCD: 12/19/2022 2:49:05 PM

Oxy Smokey Bits CTB (11-7-20) 1,565 ft to h2o



12/22/2020, 8:42:40 AM

- | | | | | |
|---------------------|----------------------------|----------------|----------------------------|--------------------|
| Wells - Large Scale | CO2, Cancelled | Gas, Active | Gas, Temporarily Abandoned | Injection, Plugged |
| undefined | CO2, New | Gas, Cancelled | Injection, Active | |
| Miscellaneous | CO2, Plugged | Gas, New | Injection, Cancelled | |
| CO2, Active | CO2, Temporarily Abandoned | Gas, Plugged | Injection, New | |





Oxy Smokey Bits CTB

Leak Date: 11-7-2020
Eddy County, NM

BLM CAVE KARST MAP

Legend

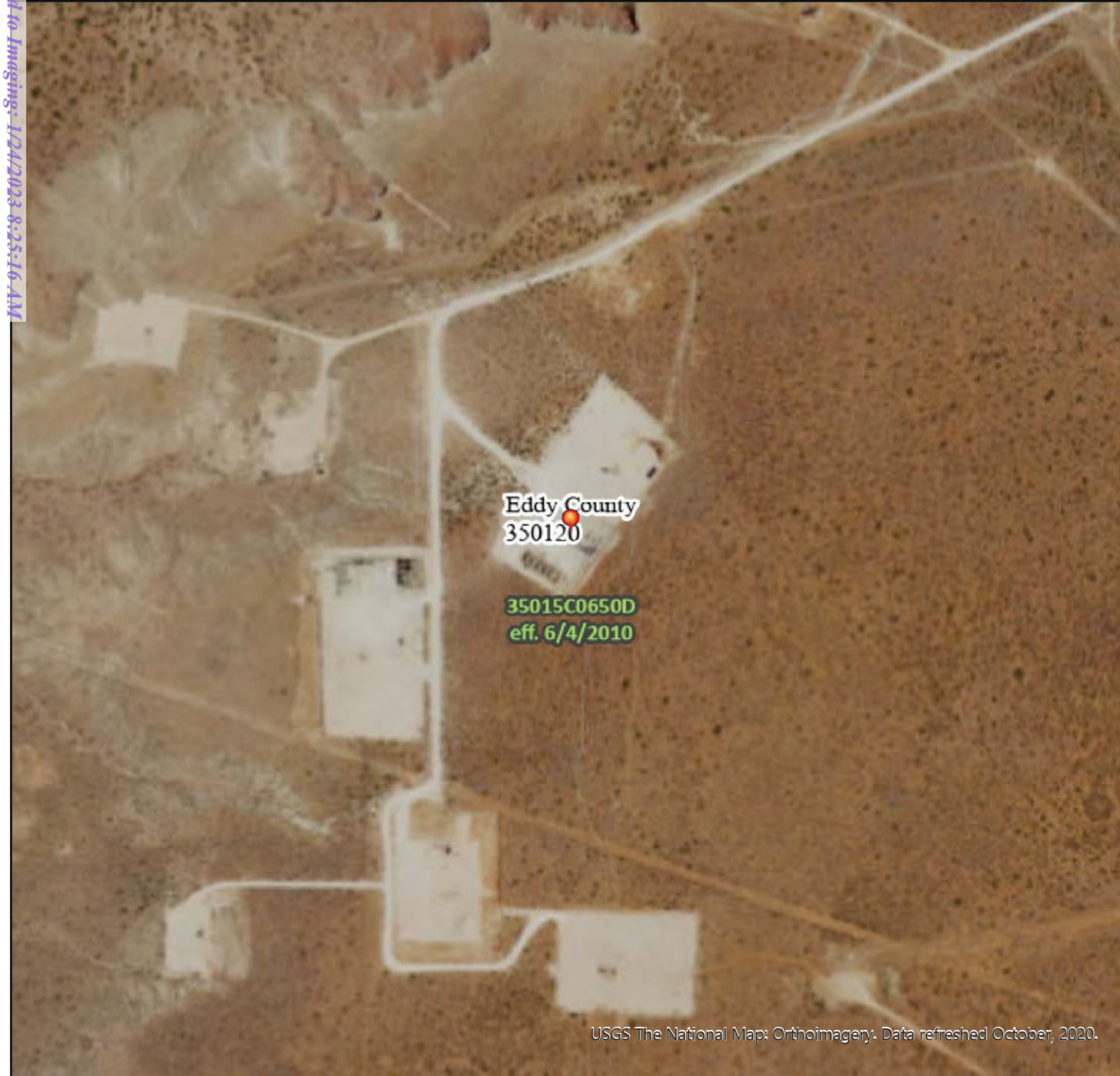
-  High Potential
-  Leak Area



National Flood Hazard Layer FIRMette



103°56'19"W 32°42'19"N



USGS The National Map: Orthoimagery. Data refreshed October, 2020.

0 250 500 1,000 1,500 2,000 Feet 1:6,000

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone X
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard Zone D
		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance
		17.5 Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped
		The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.



This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **12/22/2020 at 10:48 AM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

TABLES

Table 1 - Confirmation Soil Samples
Colgate Production, LLC
Smokey Bits CTB
Eddy County, New Mexico

Sample ID	Date	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
		DRO	GRO	MRO	Total						
CS-1	8/16/2022	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	41.5
CS-2	8/16/2022	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	76.1
CS-3	8/16/2022	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	40.7
CS-4	8/16/2022	89.8	<49.9	<49.9	89.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	80.7
CS-5	8/16/2022	54.5	<50.0	<50.0	54.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	108.0
CS-6	8/16/2022	385	<50.0	<50.0	385.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	64.4
	9/6/2022	222.0	<10.0	39.8	261.8	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	9/16/2022	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	98.1
CS-7	8/16/2022	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	51.4
	9/6/2022	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-8	8/16/2022	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	41.8
	9/6/2022	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-9	8/16/2022	464.0	<50.0	<50.0	464.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	87.5
	9/6/2022	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160.0
CS-10	8/16/2022	286.0	<49.9	<49.9	286.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	94.6
	9/6/2022	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112.0
CS-11	8/16/2022	447.0	<49.9	<49.9	447.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	99.7
	9/6/2022	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-12	8/16/2022	280.0	<50.0	<50.0	280.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	49.1
	9/6/2022	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
Regulatory Limits ^A						100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

^A - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- total petroleum hydrocarbons

ft-feet

 - exceeds regulatory limits

Table 1 - Confirmation Soil Samples
Colgate Production, LLC
Smokey Bits CTB
Eddy County, New Mexico

Sample ID	Date	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
		DRO	GRO	MRO	Total						
CS-13	8/16/2022	324.0	<49.9	<49.9	324.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	75.2
	9/6/2022	<10.0	<10.0	<10.0	<10.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	32.0
CS-14	8/16/2022	574.0	<49.9	<49.9	574.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	72.9
	9/6/2022	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192.0
CS-15	8/16/2022	461.0	<50.0	<50.0	461.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	140.0
	9/6/2022	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176.0
CS-16	8/16/2022	573.0	<49.9	<49.9	573.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	160.0
	9/6/2022	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-17	8/16/2022	730.0	<49.9	<49.9	730.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	85.3
	9/6/2022	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-18	8/16/2022	265.0	<50.0	<50.0	265.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	63.0
	9/6/2022	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128.0
CS-19	8/16/2022	516.0	<50.0	<50.0	516.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	65.0
	9/6/2022	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-20	8/16/2022	384.0	<50.0	<50.0	384.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	144.0
	9/6/2022	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112.0
CS-21	8/16/2022	108.0	<50.0	<50.0	108.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,300
	9/6/2022	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-22	8/16/2022	143.0	<50.0	<50.0	143.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	43.8
	9/6/2022	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
Regulatory Limits ^A						100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

^A - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- total petroleum hydrocarbons

ft-feet

 - exceeds regulatory limits

Table 1 - Confirmation Soil Samples
Colgate Production, LLC
Smokey Bits CTB
Eddy County, New Mexico

Sample ID	Date	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
		DRO	GRO	MRO	Total						
CS-23	8/16/2022	299.0	<49.9	<49.9	299.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	60.2
	9/6/2022	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144.0
CS-24	8/16/2022	354.0	<49.8	<49.8	354.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	43.0
	9/6/2022	11.8	<10.0	<10.0	11.8	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-25	8/16/2022	500.0	<50.0	<50.0	500.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	110.0
	9/6/2022	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256.0
CS-26	8/16/2022	267.0	<50.0	<50.0	267.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	336.0
	9/6/2022	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128.0
CS-27	8/16/2022	534.0	<49.9	<49.9	534.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	76.7
	9/6/2022	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-28	8/16/2022	238.0	<49.8	<49.8	238.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	38.1
	9/6/2022	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-29	8/16/2022	186.0	<50.0	<50.0	186.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	65.1
	9/6/2022	34.3	<10.0	<10.0	34.3	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-30	8/16/2022	188.0	<50.0	<50.0	188.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	19.3
	9/6/2022	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144.0
CS-31	8/16/2022	265.0	<50.0	<50.0	265.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	17.7
	9/6/2022	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-32	8/16/2022	<10.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	51.0
Regulatory Limits ^A						100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

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Colgate Production, LLC
Smokey Bits CTB
Eddy County, New Mexico

Sample ID	Date	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
		DRO	GRO	MRO	Total						
CS-33	8/16/2022	160.0	<50.0	<50.0	160.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	112.0
	9/6/2022	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240.0
CS-34	8/16/2022	182.0	<49.9	<49.9	182.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	68.6
	9/6/2022	19.5	<10.0	<10.0	19.5	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-35	8/16/2022	136.0	<49.9	<49.9	136.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	68.5
	9/6/2022	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-36	8/16/2022	417.0	<49.9	82.7	500.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	90.8
	9/6/2022	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112.0
CS-37	8/16/2022	1,220.0	<50.0	232.0	1,450.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	80.4
	9/6/2022	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-38 (7')	8/16/2022	902.0	<49.9	160.0	1,060.0	<0.050	<0.050	<0.050	<0.150	<0.300	55.5
CS-38 (7.5')	8/16/2022	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	50.9
CS-39	8/16/2022	50.6	<50.0	<50.0	50.6	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	43.2
CS-40	8/16/2022	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	87.2
CS-41	8/16/2022	110.0	<49.9	<49.9	110.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	56.5
	9/6/2022	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-42	8/16/2022	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	71.0
CS-43	8/16/2022	162.0	<49.8	<49.8	162.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,090
	9/6/2022	30.5	<10.0	<10.0	30.5	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-44	8/16/2022	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	56.2
	8/16/2022	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	50.9
SW-1	8/16/2022	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	42.1
Regulatory Limits ^A						100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

^A - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- total petroleum hydrocarbons

ft-feet

 - exceeds regulatory limits

NTGE Project No. 225842

Prepared By:



Table 1 - Confirmation Soil Samples
Colgate Production, LLC
Smokey Bits CTB
Eddy County, New Mexico

Sample ID	Date	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
		DRO	GRO	MRO	Total						
SW-2	8/16/2022	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	23.6
SW-3	8/16/2022	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	84.8
SW-4	8/16/2022	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	426.0
SW-5	8/16/2022	94.8	<50.0	<50.0	94.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	310.0
SW-6	8/16/2022	71.0	<50.0	<50.0	71.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	222.0
SW-7	8/16/2022	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	63.2
SW-8	8/16/2022	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	23.9
SW-9	8/16/2022	624.0	<50.0	<50.0	624.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	113.0
	9/6/2022	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-10	9/16/2022	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	99.5
SW-11	9/16/2022	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	55.8
Regulatory Limits^A						100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

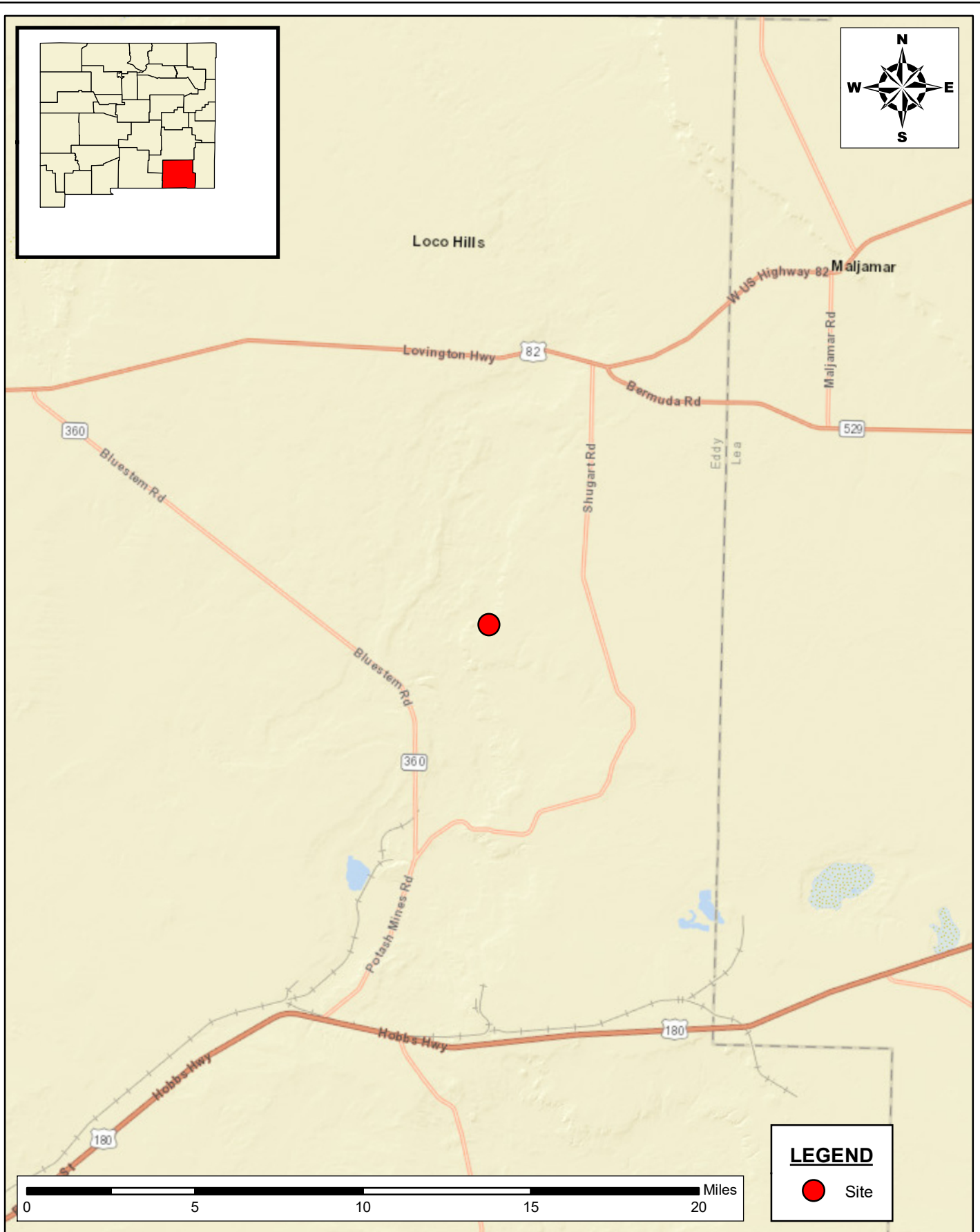
TPH- total petroleum hydrocarbons

ft-feet

 - exceeds regulatory limits

FIGURES

Document Path: P:\2022 PROJECTS\COLGATE\RSC\225842 - Smokey Bits CTBY - Figures\GIS\Figure 1 -- Site Location Map_DH.mxd



CLOSURE REPORT
SITE LOCATION MAP
COLGATE PRODUCTION LLC
SMOKEY BITS
EDDY COUNTY, NEW MEXICO



New Tech Global Environmental, LLC
 911 Regional Park Drive
 Houston, Texas 77060
 T - 281.872.9300
 F - 281.872.4521
 Web: www.ntglobal.com

NOTES:

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 1

SHEET NUMBER:

1 of 1

SCALE: As Shown DATE: 12/5/2022 PROJECT #: 225842

Document Path: P:\2022 PROJECTS\COLGATE\RSC\225842 - Smokey Bits CTBY7 - Figures\GIS\Figure 2 - Extent Area Map_DH.mxd

**CLOSURE REPORT**

AREA MAP
COLGATE PRODUCTION LLC
SMOKEY BITS
EDDY COUNTY, NEW MEXICO



New Tech Global Environmental, LLC
911 Regional Park Drive
Houston, Texas 77060
T - 281.872.9300
F - 281.872.4521
Web: www.ntglobal.com

NOTES:

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 2

SHEET NUMBER:

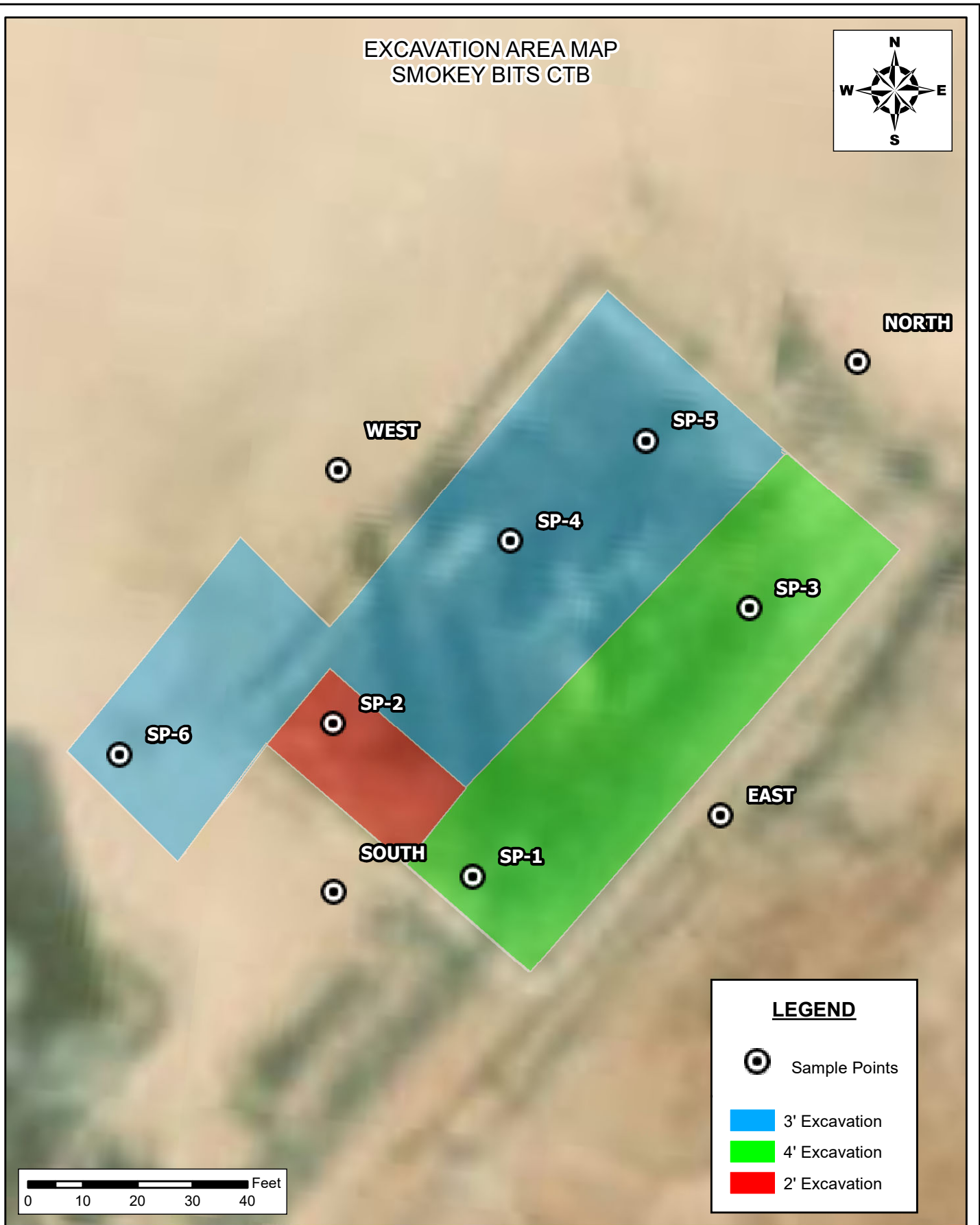
1 of 1

SCALE: As Shown

DATE: 12/5/2022

PROJECT #: 225842

Document Path: P:\2022 PROJECT\COLGATE\RSC\225842 - Smokey Bits CTB\7 - Figures\GIS\Figure 3 -- Excavation.mxd



**CLOSURE REPORT
EXCAVATION AREA MAP
SMOKEY BITS CTB
COLGATE PRODUCTION LLC
EDDY COUNTY, NEW MEXICO**

SCALE: AS SHOWN DATE: 10/27/2022 PROJECT #: 225842



New Tech Global Environmental, LLC
911 Regional Park Drive
Houston, Texas 77060
T - 281.872.9300
F - 281.872.4521
Web: www.ntgenviroinmental.com

NOTES:

1. Base Image: ESRI Maps & Data 2017
2. Map Projection: NAD 1983

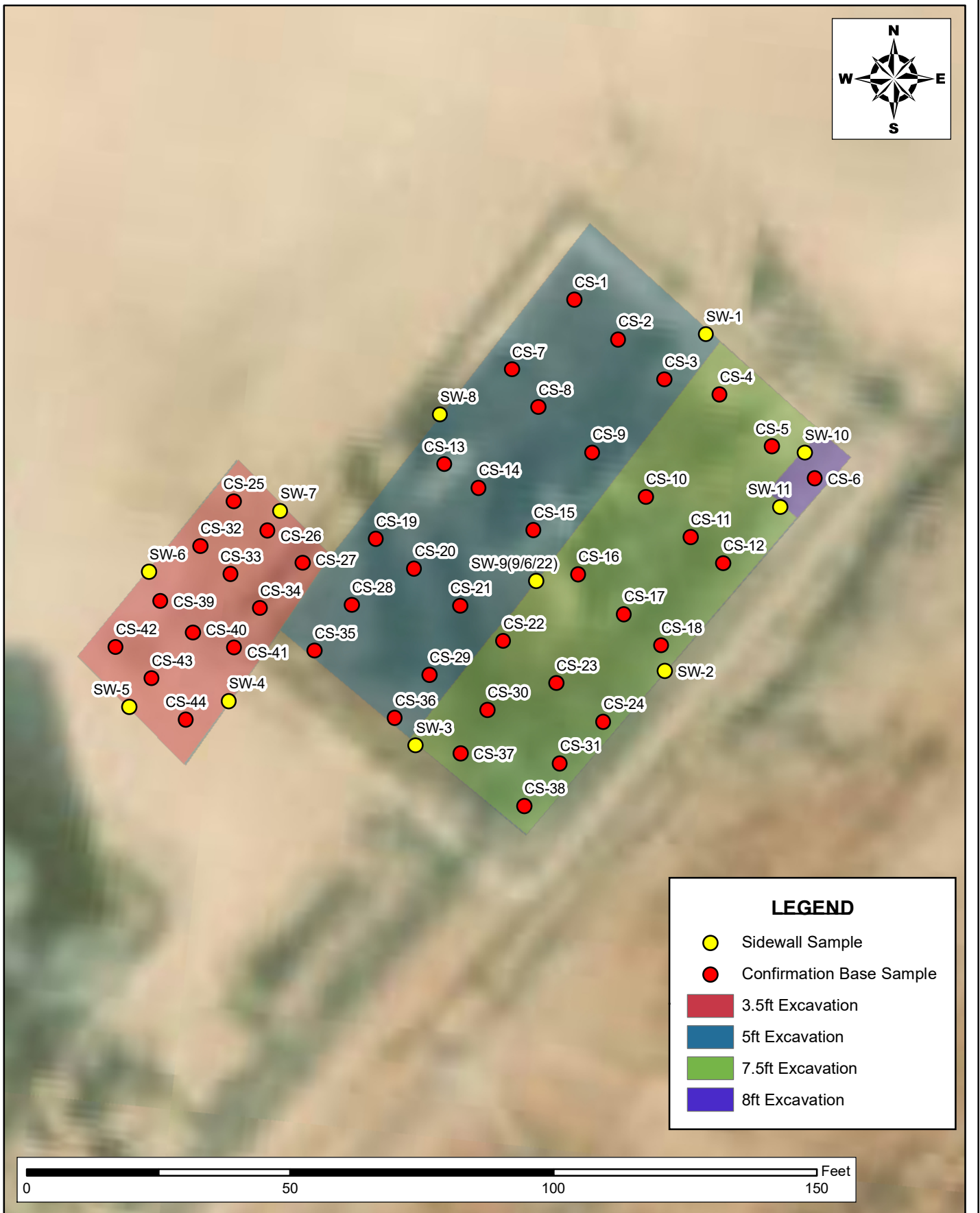
DRAWING NUMBER:

FIGURE 3

SHEET NUMBER:

1 of 1

Document Path: P:\2022 PROJECTS\COLGATE\IRSC\225842 - Smokey Bits CTB\7 - Figures\GIS\Figure 4 - Confirmation Samples map_DHI.mxd



CLOSURE REPORT
 CONFIRMATION MAP
 SMOKEY BITS CTB
 COLGATE PRODUCTION LLC
 EDDY COUNTY, NEW MEXICO.



New Tech Global Environmental, LLC
 911 Regional Park Drive
 Houston, Texas 77060
 T - 281.872.9300
 F - 281.872.4521
 Web: www.ntgenviroinmental.com

NOTES:

1. Base Image: ESRI Maps & Data 2017
2. Map Projection: NAD 1983

DRAWING NUMBER:

FIGURE 4

SHEET NUMBER:

1 of 1

PHOTOGRAPHIC LOG

PHOTOGRAPHIC LOG

Colgate Production, LLC

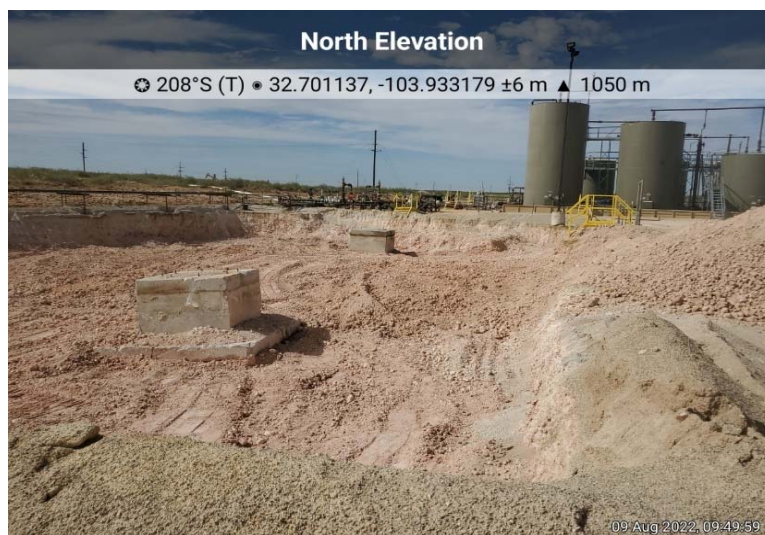
Photograph No. 1

Facility: Smokey Bits CTB

County: Eddy County, New Mexico

Description:

View of excavation.



Photograph No. 2

Facility: Smokey Bits CTB

County: Eddy County, New Mexico

Description:

View of excavation.



Photograph No. 3

Facility: Smokey Bits CTB

County: Eddy County, New Mexico

Description:

View of excavation.



PHOTOGRAPHIC LOG

Colgate Production, LLC

Photograph No. 4

Facility: Smokey Bits CTB

County: Eddy County, New Mexico

Description:
View of backfill.



Photograph No. 5

Facility: Smokey Bits CTB

County: Eddy County, New Mexico

Description:
View of backfill.



Photograph No. 6

Facility: Smokey Bits CTB

County: Eddy County, New Mexico

Description:
View of backfill.



LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS

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

November 17, 2022

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: SMOKEY BITS CTB

Enclosed are the results of analyses for samples received by the laboratory on 09/07/22 15:21.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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/ga/lab_accred_certif.html.

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SMOKEY BITS CTB
Project Number: 225842
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
17-Nov-22 10:15

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CS - 6	H224112-01	Soil	06-Sep-22 00:00	07-Sep-22 15:21
CS - 7	H224112-02	Soil	06-Sep-22 00:00	07-Sep-22 15:21
CS - 8	H224112-03	Soil	06-Sep-22 00:00	07-Sep-22 15:21
CS - 9	H224112-04	Soil	06-Sep-22 00:00	07-Sep-22 15:21
CS - 10	H224112-05	Soil	06-Sep-22 00:00	07-Sep-22 15:21
CS - 11	H224112-06	Soil	06-Sep-22 00:00	07-Sep-22 15:21
CS - 12	H224112-07	Soil	06-Sep-22 00:00	07-Sep-22 15:21
CS - 13	H224112-08	Soil	06-Sep-22 00:00	07-Sep-22 15:21
CS - 14	H224112-09	Soil	06-Sep-22 00:00	07-Sep-22 15:21
CS - 15	H224112-10	Soil	06-Sep-22 00:00	07-Sep-22 15:21
CS - 16	H224112-11	Soil	06-Sep-22 00:00	07-Sep-22 15:21
CS - 17	H224112-12	Soil	06-Sep-22 00:00	07-Sep-22 15:21
CS - 18	H224112-13	Soil	06-Sep-22 00:00	07-Sep-22 15:21
CS - 19	H224112-14	Soil	06-Sep-22 00:00	07-Sep-22 15:21
CS - 20	H224112-15	Soil	06-Sep-22 00:00	07-Sep-22 15:21
CS - 21	H224112-16	Soil	06-Sep-22 00:00	07-Sep-22 15:21
CS - 22	H224112-17	Soil	06-Sep-22 00:00	07-Sep-22 15:21
CS - 23	H224112-18	Soil	06-Sep-22 00:00	07-Sep-22 15:21
CS - 24	H224112-19	Soil	06-Sep-22 00:00	07-Sep-22 15:21
CS - 25	H224112-20	Soil	06-Sep-22 00:00	07-Sep-22 15:21
CS - 26	H224112-21	Soil	06-Sep-22 00:00	07-Sep-22 15:21
CS - 27	H224112-22	Soil	06-Sep-22 00:00	07-Sep-22 15:21
CS - 28	H224112-23	Soil	06-Sep-22 00:00	07-Sep-22 15:21
CS - 29	H224112-24	Soil	06-Sep-22 00:00	07-Sep-22 15:21
CS - 30	H224112-25	Soil	06-Sep-22 00:00	07-Sep-22 15:21
CS - 31	H224112-26	Soil	06-Sep-22 00:00	07-Sep-22 15:21
CS - 33	H224112-27	Soil	06-Sep-22 00:00	07-Sep-22 15:21

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SMOKEY BITS CTB
Project Number: 225842
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
17-Nov-22 10:15

CS - 34	H224112-28	Soil	06-Sep-22 00:00	07-Sep-22 15:21
CS - 35	H224112-29	Soil	06-Sep-22 00:00	07-Sep-22 15:21
CS - 36	H224112-30	Soil	06-Sep-22 00:00	07-Sep-22 15:21
CS - 37	H224112-31	Soil	06-Sep-22 00:00	07-Sep-22 15:21
CS - 41	H224112-32	Soil	06-Sep-22 00:00	07-Sep-22 15:21
CS - 43	H224112-33	Soil	06-Sep-22 00:00	07-Sep-22 15:21
SW - 9	H224112-34	Soil	06-Sep-22 00:00	07-Sep-22 15:21

11/17/22 - Client removed the sample depths on all samples on 11/16/22 (see COC). This is the revised report and replaces the one sent on 09/12/22.

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SMOKEY BITS CTB
Project Number: 225842
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
17-Nov-22 10:15

CS - 6
H224112-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	48.0		16.0	mg/kg	4	2090911	AC	09-Sep-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Toluene*	<0.050	0.050	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	2090828	JH/	09-Sep-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		115 %		69.9-140	2090828	JH/	09-Sep-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	
DRO >C10-C28*	222	10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	
EXT DRO >C28-C36	39.8	10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	

Surrogate: 1-Chlorooctane		80.7 %		45.3-161	2090818	MS	09-Sep-22	8015B	
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Surrogate: 1-Chlorooctadecane		107 %		46.3-178	2090818	MS	09-Sep-22	8015B	
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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:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SMOKEY BITS CTB
Project Number: 225842
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
17-Nov-22 10:15

CS - 7**H224112-02 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	48.0		16.0	mg/kg	4	2090911	AC	09-Sep-22	4500-Cl-B	
----------	------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2090828	JH/	09-Sep-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		115 %		69.9-140		2090828	JH/	09-Sep-22	8021B	
---------------------------------------	--	-------	--	----------	--	---------	-----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	

Surrogate: 1-Chlorooctane		83.4 %		45.3-161		2090818	MS	09-Sep-22	8015B	
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Surrogate: 1-Chlorooctadecane		93.9 %		46.3-178		2090818	MS	09-Sep-22	8015B	
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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:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SMOKEY BITS CTB
Project Number: 225842
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
17-Nov-22 10:15

CS - 8**H224112-03 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	2090911	AC	09-Sep-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2090828	JH/	09-Sep-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			114 %	69.9-140		2090828	JH/	09-Sep-22	8021B	
---------------------------------------	--	--	-------	----------	--	---------	-----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	

Surrogate: 1-Chlorooctane			70.0 %	45.3-161		2090818	MS	09-Sep-22	8015B	
---------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

Surrogate: 1-Chlorooctadecane			82.9 %	46.3-178		2090818	MS	09-Sep-22	8015B	
-------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SMOKEY BITS CTB
Project Number: 225842
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
17-Nov-22 10:15

CS - 9**H224112-04 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	160		16.0	mg/kg	4	2090911	AC	09-Sep-22	4500-Cl-B	
----------	-----	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			116 %	69.9-140		2090828	JH/	09-Sep-22	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	
Surrogate: 1-Chlorooctane			79.2 %	45.3-161		2090818	MS	09-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			88.2 %	46.3-178		2090818	MS	09-Sep-22	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SMOKEY BITS CTB
Project Number: 225842
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
17-Nov-22 10:15

CS - 10**H224112-05 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	112		16.0	mg/kg	4	2090911	AC	09-Sep-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2090828	JH/	09-Sep-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		116 %		69.9-140		2090828	JH/	09-Sep-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	

Surrogate: 1-Chlorooctane		76.8 %		45.3-161		2090818	MS	09-Sep-22	8015B	
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Surrogate: 1-Chlorooctadecane		83.8 %		46.3-178		2090818	MS	09-Sep-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SMOKEY BITS CTB
Project Number: 225842
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
17-Nov-22 10:15

CS - 11**H224112-06 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	80.0		16.0	mg/kg	4	2090911	AC	09-Sep-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2090828	JH/	09-Sep-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			113 %	69.9-140		2090828	JH/	09-Sep-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	

Surrogate: 1-Chlorooctane			79.7 %	45.3-161		2090818	MS	09-Sep-22	8015B	
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Surrogate: 1-Chlorooctadecane			87.7 %	46.3-178		2090818	MS	09-Sep-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SMOKEY BITS CTB
Project Number: 225842
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
17-Nov-22 10:15

CS - 12**H224112-07 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	2090911	AC	09-Sep-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2090828	JH/	09-Sep-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		115 %		69.9-140		2090828	JH/	09-Sep-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	

Surrogate: 1-Chlorooctane		74.3 %		45.3-161		2090818	MS	09-Sep-22	8015B	
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Surrogate: 1-Chlorooctadecane		85.4 %		46.3-178		2090818	MS	09-Sep-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SMOKEY BITS CTB
Project Number: 225842
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
17-Nov-22 10:15

CS - 13
H224112-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	2090911	AC	09-Sep-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			113 %	69.9-140		2090828	JH/	09-Sep-22	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	
Surrogate: 1-Chlorooctane			82.7 %	45.3-161		2090818	MS	09-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			95.1 %	46.3-178		2090818	MS	09-Sep-22	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SMOKEY BITS CTB
Project Number: 225842
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
17-Nov-22 10:15

CS - 14
H224112-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	192		16.0	mg/kg	4	2090911	AC	09-Sep-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2090828	JH/	09-Sep-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		114 %		69.9-140		2090828	JH/	09-Sep-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	

Surrogate: 1-Chlorooctane		67.5 %		45.3-161		2090818	MS	09-Sep-22	8015B	
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Surrogate: 1-Chlorooctadecane		77.4 %		46.3-178		2090818	MS	09-Sep-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SMOKEY BITS CTB
Project Number: 225842
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
17-Nov-22 10:15

CS - 15
H224112-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	176		16.0	mg/kg	4	2090911	AC	09-Sep-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			114 %	69.9-140		2090828	JH/	09-Sep-22	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	
Surrogate: 1-Chlorooctane			87.9 %	45.3-161		2090818	MS	09-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			102 %	46.3-178		2090818	MS	09-Sep-22	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SMOKEY BITS CTB
Project Number: 225842
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
17-Nov-22 10:15

CS - 16
H224112-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	48.0		16.0	mg/kg	4	2090911	AC	09-Sep-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			114 %	69.9-140		2090828	JH/	09-Sep-22	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	
Surrogate: 1-Chlorooctane			73.6 %	45.3-161		2090818	MS	09-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			85.3 %	46.3-178		2090818	MS	09-Sep-22	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SMOKEY BITS CTB
Project Number: 225842
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
17-Nov-22 10:15

CS - 17**H224112-12 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	48.0		16.0	mg/kg	4	2090911	AC	09-Sep-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2090828	JH/	09-Sep-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			114 %	69.9-140		2090828	JH/	09-Sep-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	

Surrogate: 1-Chlorooctane			80.7 %	45.3-161		2090818	MS	09-Sep-22	8015B	
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Surrogate: 1-Chlorooctadecane			91.7 %	46.3-178		2090818	MS	09-Sep-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SMOKEY BITS CTB
Project Number: 225842
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
17-Nov-22 10:15

CS - 18
H224112-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	128		16.0	mg/kg	4	2090911	AC	09-Sep-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			114 %	69.9-140		2090828	JH/	09-Sep-22	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	
Surrogate: 1-Chlorooctane			89.5 %	45.3-161		2090818	MS	09-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			99.0 %	46.3-178		2090818	MS	09-Sep-22	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SMOKEY BITS CTB
Project Number: 225842
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
17-Nov-22 10:15

CS - 19**H224112-14 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	2090911	AC	09-Sep-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2090828	JH/	09-Sep-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			113 %	69.9-140		2090828	JH/	09-Sep-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	

Surrogate: 1-Chlorooctane			79.5 %	45.3-161		2090818	MS	09-Sep-22	8015B	
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Surrogate: 1-Chlorooctadecane			87.9 %	46.3-178		2090818	MS	09-Sep-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SMOKEY BITS CTB
Project Number: 225842
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
17-Nov-22 10:15

CS - 20
H224112-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	112		16.0	mg/kg	4	2090911	AC	09-Sep-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2090828	JH/	09-Sep-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		114 %		69.9-140		2090828	JH/	09-Sep-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	

Surrogate: 1-Chlorooctane		78.6 %		45.3-161		2090818	MS	09-Sep-22	8015B	
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Surrogate: 1-Chlorooctadecane		91.4 %		46.3-178		2090818	MS	09-Sep-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SMOKEY BITS CTB
Project Number: 225842
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
17-Nov-22 10:15

CS - 21**H224112-16 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	2090911	AC	09-Sep-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2090828	JH/	09-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2090828	JH/	09-Sep-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 114 % 69.9-140 2090828 JH/ 09-Sep-22 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	

Surrogate: 1-Chlorooctane 79.2 % 45.3-161 2090818 MS 09-Sep-22 8015B

Surrogate: 1-Chlorooctadecane 89.0 % 46.3-178 2090818 MS 09-Sep-22 8015B

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SMOKEY BITS CTB
Project Number: 225842
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
17-Nov-22 10:15

CS - 22**H224112-17 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	96.0		16.0	mg/kg	4	2090911	AC	09-Sep-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2090829	JH	09-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2090829	JH	09-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2090829	JH	09-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2090829	JH	09-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2090829	JH	09-Sep-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			112 %	69.9-140		2090829	JH	09-Sep-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	

Surrogate: 1-Chlorooctane			83.4 %	45.3-161		2090818	MS	09-Sep-22	8015B	
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Surrogate: 1-Chlorooctadecane			93.6 %	46.3-178		2090818	MS	09-Sep-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SMOKEY BITS CTB
Project Number: 225842
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
17-Nov-22 10:15

CS - 23
H224112-18 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	144		16.0	mg/kg	4	2090911	AC	09-Sep-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2090829	JH	09-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2090829	JH	09-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2090829	JH	09-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2090829	JH	09-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2090829	JH	09-Sep-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %	69.9-140		2090829	JH	09-Sep-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	

Surrogate: 1-Chlorooctane			82.9 %	45.3-161		2090818	MS	09-Sep-22	8015B	
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Surrogate: 1-Chlorooctadecane			93.3 %	46.3-178		2090818	MS	09-Sep-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SMOKEY BITS CTB
Project Number: 225842
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
17-Nov-22 10:15

CS - 24
H224112-19 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	2090911	AC	09-Sep-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2090829	JH	09-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2090829	JH	09-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2090829	JH	09-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2090829	JH	09-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2090829	JH	09-Sep-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			102 %	69.9-140		2090829	JH	09-Sep-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	
DRO >C10-C28*	11.8		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	

Surrogate: 1-Chlorooctane			75.1 %	45.3-161		2090818	MS	09-Sep-22	8015B	
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Surrogate: 1-Chlorooctadecane			85.8 %	46.3-178		2090818	MS	09-Sep-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SMOKEY BITS CTB
Project Number: 225842
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
17-Nov-22 10:15

CS - 25**H224112-20 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	256		16.0	mg/kg	4	2090911	AC	09-Sep-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2090829	JH	09-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2090829	JH	09-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2090829	JH	09-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2090829	JH	09-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2090829	JH	09-Sep-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %	69.9-140		2090829	JH	09-Sep-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090818	MS	09-Sep-22	8015B	

Surrogate: 1-Chlorooctane			79.2 %	45.3-161		2090818	MS	09-Sep-22	8015B	
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Surrogate: 1-Chlorooctadecane			89.3 %	46.3-178		2090818	MS	09-Sep-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SMOKEY BITS CTB
Project Number: 225842
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
17-Nov-22 10:15

CS - 26**H224112-21 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	128		16.0	mg/kg	4	2090912	AC	09-Sep-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2090829	JH	09-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2090829	JH	09-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2090829	JH	09-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2090829	JH	09-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2090829	JH	09-Sep-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %	69.9-140		2090829	JH	09-Sep-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2090819	CK	09-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090819	CK	09-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090819	CK	09-Sep-22	8015B	

Surrogate: 1-Chlorooctane			64.7 %	45.3-161		2090819	CK	09-Sep-22	8015B	
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Surrogate: 1-Chlorooctadecane			64.8 %	46.3-178		2090819	CK	09-Sep-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SMOKEY BITS CTB
Project Number: 225842
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
17-Nov-22 10:15

CS - 27**H224112-22 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	2090912	AC	09-Sep-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2090829	JH	09-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2090829	JH	09-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2090829	JH	09-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2090829	JH	09-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2090829	JH	09-Sep-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %	69.9-140		2090829	JH	09-Sep-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2090819	CK	09-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090819	CK	09-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090819	CK	09-Sep-22	8015B	

Surrogate: 1-Chlorooctane			78.6 %	45.3-161		2090819	CK	09-Sep-22	8015B	
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Surrogate: 1-Chlorooctadecane			79.5 %	46.3-178		2090819	CK	09-Sep-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SMOKEY BITS CTB
Project Number: 225842
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
17-Nov-22 10:15

CS - 28
H224112-23 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	96.0		16.0	mg/kg	4	2090912	AC	09-Sep-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2090829	JH	09-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2090829	JH	09-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2090829	JH	09-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2090829	JH	09-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2090829	JH	09-Sep-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		106 %		69.9-140		2090829	JH	09-Sep-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2090819	CK	09-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090819	CK	09-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090819	CK	09-Sep-22	8015B	

Surrogate: 1-Chlorooctane		84.6 %		45.3-161		2090819	CK	09-Sep-22	8015B	
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Surrogate: 1-Chlorooctadecane		86.4 %		46.3-178		2090819	CK	09-Sep-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SMOKEY BITS CTB
Project Number: 225842
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
17-Nov-22 10:15

CS - 29**H224112-24 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	48.0		16.0	mg/kg	4	2090912	AC	09-Sep-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2090829	JH	09-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2090829	JH	09-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2090829	JH	09-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2090829	JH	09-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2090829	JH	09-Sep-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %	69.9-140		2090829	JH	09-Sep-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2090819	CK	09-Sep-22	8015B	
DRO >C10-C28*	34.3		10.0	mg/kg	1	2090819	CK	09-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090819	CK	09-Sep-22	8015B	

Surrogate: 1-Chlorooctane			82.3 %	45.3-161		2090819	CK	09-Sep-22	8015B	
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Surrogate: 1-Chlorooctadecane			83.9 %	46.3-178		2090819	CK	09-Sep-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SMOKEY BITS CTB
Project Number: 225842
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
17-Nov-22 10:15

CS - 30**H224112-25 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	144		16.0	mg/kg	4	2090912	AC	09-Sep-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2090829	JH	09-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2090829	JH	09-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2090829	JH	09-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2090829	JH	09-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2090829	JH	09-Sep-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %	69.9-140		2090829	JH	09-Sep-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2090819	CK	09-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090819	CK	09-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090819	CK	09-Sep-22	8015B	

Surrogate: 1-Chlorooctane			81.2 %	45.3-161		2090819	CK	09-Sep-22	8015B	
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Surrogate: 1-Chlorooctadecane			82.0 %	46.3-178		2090819	CK	09-Sep-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SMOKEY BITS CTB
Project Number: 225842
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
17-Nov-22 10:15

CS - 31
H224112-26 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	80.0		16.0	mg/kg	4	2090912	AC	09-Sep-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2090829	JH	10-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2090829	JH	10-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2090829	JH	10-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2090829	JH	10-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2090829	JH	10-Sep-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		105 %	69.9-140			2090829	JH	10-Sep-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2090819	CK	09-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090819	CK	09-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090819	CK	09-Sep-22	8015B	

Surrogate: 1-Chlorooctane		79.2 %	45.3-161			2090819	CK	09-Sep-22	8015B	
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Surrogate: 1-Chlorooctadecane		79.9 %	46.3-178			2090819	CK	09-Sep-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SMOKEY BITS CTB
Project Number: 225842
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
17-Nov-22 10:15

CS - 33**H224112-27 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	240		16.0	mg/kg	4	2090912	AC	09-Sep-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2090829	JH	10-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2090829	JH	10-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2090829	JH	10-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2090829	JH	10-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2090829	JH	10-Sep-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %	69.9-140		2090829	JH	10-Sep-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2090819	CK	09-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090819	CK	09-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090819	CK	09-Sep-22	8015B	

Surrogate: 1-Chlorooctane			81.3 %	45.3-161		2090819	CK	09-Sep-22	8015B	
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Surrogate: 1-Chlorooctadecane			80.6 %	46.3-178		2090819	CK	09-Sep-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SMOKEY BITS CTB
Project Number: 225842
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
17-Nov-22 10:15

CS - 34**H224112-28 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	80.0		16.0	mg/kg	4	2090912	AC	09-Sep-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2090829	JH	10-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2090829	JH	10-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2090829	JH	10-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2090829	JH	10-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2090829	JH	10-Sep-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			112 %	69.9-140		2090829	JH	10-Sep-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2090819	CK	09-Sep-22	8015B	
DRO >C10-C28*	19.5		10.0	mg/kg	1	2090819	CK	09-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090819	CK	09-Sep-22	8015B	

Surrogate: 1-Chlorooctane			74.2 %	45.3-161		2090819	CK	09-Sep-22	8015B	
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Surrogate: 1-Chlorooctadecane			74.9 %	46.3-178		2090819	CK	09-Sep-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SMOKEY BITS CTB
Project Number: 225842
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
17-Nov-22 10:15

CS - 35**H224112-29 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	48.0		16.0	mg/kg	4	2090912	AC	09-Sep-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2090829	JH	10-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2090829	JH	10-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2090829	JH	10-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2090829	JH	10-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2090829	JH	10-Sep-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %	69.9-140		2090829	JH	10-Sep-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2090819	CK	09-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090819	CK	09-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090819	CK	09-Sep-22	8015B	

Surrogate: 1-Chlorooctane			71.6 %	45.3-161		2090819	CK	09-Sep-22	8015B	
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Surrogate: 1-Chlorooctadecane			70.6 %	46.3-178		2090819	CK	09-Sep-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SMOKEY BITS CTB
Project Number: 225842
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
17-Nov-22 10:15

CS - 36**H224112-30 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	112		16.0	mg/kg	4	2090912	AC	09-Sep-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2090829	JH	10-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2090829	JH	10-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2090829	JH	10-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2090829	JH	10-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2090829	JH	10-Sep-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %	69.9-140		2090829	JH	10-Sep-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2090819	CK	09-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090819	CK	09-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090819	CK	09-Sep-22	8015B	

Surrogate: 1-Chlorooctane			73.3 %	45.3-161		2090819	CK	09-Sep-22	8015B	
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Surrogate: 1-Chlorooctadecane			74.0 %	46.3-178		2090819	CK	09-Sep-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SMOKEY BITS CTB
Project Number: 225842
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
17-Nov-22 10:15

CS - 37**H224112-31 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	2090912	AC	09-Sep-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2090829	JH	10-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2090829	JH	10-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2090829	JH	10-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2090829	JH	10-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2090829	JH	10-Sep-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			102 %	69.9-140		2090829	JH	10-Sep-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2090819	CK	09-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090819	CK	09-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090819	CK	09-Sep-22	8015B	

Surrogate: 1-Chlorooctane			72.4 %	45.3-161		2090819	CK	09-Sep-22	8015B	
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Surrogate: 1-Chlorooctadecane			72.6 %	46.3-178		2090819	CK	09-Sep-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SMOKEY BITS CTB
Project Number: 225842
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
17-Nov-22 10:15

CS - 41**H224112-32 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	64.0		16.0	mg/kg	4	2090912	AC	09-Sep-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2090829	JH	10-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2090829	JH	10-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2090829	JH	10-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2090829	JH	10-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2090829	JH	10-Sep-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			107 %	69.9-140		2090829	JH	10-Sep-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2090819	CK	09-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090819	CK	09-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090819	CK	09-Sep-22	8015B	

Surrogate: 1-Chlorooctane			79.3 %	45.3-161		2090819	CK	09-Sep-22	8015B	
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Surrogate: 1-Chlorooctadecane			79.3 %	46.3-178		2090819	CK	09-Sep-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SMOKEY BITS CTB
Project Number: 225842
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
17-Nov-22 10:15

CS - 43**H224112-33 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	48.0		16.0	mg/kg	4	2090912	AC	09-Sep-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2090829	JH	10-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2090829	JH	10-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2090829	JH	10-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2090829	JH	10-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2090829	JH	10-Sep-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			106 %	69.9-140		2090829	JH	10-Sep-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2090819	CK	09-Sep-22	8015B	
DRO >C10-C28*	30.5		10.0	mg/kg	1	2090819	CK	09-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090819	CK	09-Sep-22	8015B	

Surrogate: 1-Chlorooctane			70.7 %	45.3-161		2090819	CK	09-Sep-22	8015B	
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Surrogate: 1-Chlorooctadecane			72.0 %	46.3-178		2090819	CK	09-Sep-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SMOKEY BITS CTB
Project Number: 225842
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
17-Nov-22 10:15

SW - 9**H224112-34 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	2090912	AC	09-Sep-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2090829	JH	10-Sep-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2090829	JH	10-Sep-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2090829	JH	10-Sep-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2090829	JH	10-Sep-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2090829	JH	10-Sep-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140 2090829 JH 10-Sep-22 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2090819	CK	09-Sep-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2090819	CK	09-Sep-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2090819	CK	09-Sep-22	8015B	

Surrogate: 1-Chlorooctane 59.4 % 45.3-161 2090819 CK 09-Sep-22 8015B

Surrogate: 1-Chlorooctadecane 59.7 % 46.3-178 2090819 CK 09-Sep-22 8015B

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SMOKEY BITS CTB
Project Number: 225842
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
17-Nov-22 10:15

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 2090911 - 1:4 DI Water**Blank (2090911-BLK1)**

Prepared & Analyzed: 09-Sep-22

Chloride	ND	16.0	mg/kg						
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LCS (2090911-BS1)

Prepared & Analyzed: 09-Sep-22

Chloride	432	16.0	mg/kg	400	108	80-120			
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LCS Dup (2090911-BSD1)

Prepared & Analyzed: 09-Sep-22

Chloride	432	16.0	mg/kg	400	108	80-120	0.00	20	
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Batch 2090912 - 1:4 DI Water**Blank (2090912-BLK1)**

Prepared & Analyzed: 09-Sep-22

Chloride	ND	16.0	mg/kg						
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LCS (2090912-BS1)

Prepared & Analyzed: 09-Sep-22

Chloride	400	16.0	mg/kg	400	100	80-120			
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LCS Dup (2090912-BSD1)

Prepared & Analyzed: 09-Sep-22

Chloride	416	16.0	mg/kg	400	104	80-120	3.92	20	
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Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SMOKEY BITS CTB
Project Number: 225842
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
17-Nov-22 10:15

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2090828 - Volatiles**Blank (2090828-BLK1)**

Prepared: 08-Sep-22 Analyzed: 09-Sep-22

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0575		mg/kg	0.0500		115	69.9-140			

LCS (2090828-BS1)

Prepared: 08-Sep-22 Analyzed: 09-Sep-22

Benzene	2.01	0.050	mg/kg	2.00		101	83.4-122			
Toluene	2.01	0.050	mg/kg	2.00		101	84.2-126			
Ethylbenzene	1.94	0.050	mg/kg	2.00		96.9	84.2-121			
m,p-Xylene	4.06	0.100	mg/kg	4.00		102	89.9-126			
o-Xylene	2.02	0.050	mg/kg	2.00		101	84.3-123			
Total Xylenes	6.08	0.150	mg/kg	6.00		101	89.1-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.0552		mg/kg	0.0500		110	69.9-140			

LCS Dup (2090828-BSD1)

Prepared: 08-Sep-22 Analyzed: 09-Sep-22

Benzene	2.07	0.050	mg/kg	2.00		104	83.4-122	3.01	12.6	
Toluene	2.08	0.050	mg/kg	2.00		104	84.2-126	3.22	13.3	
Ethylbenzene	2.02	0.050	mg/kg	2.00		101	84.2-121	4.10	13.9	
m,p-Xylene	4.25	0.100	mg/kg	4.00		106	89.9-126	4.45	13.6	
o-Xylene	2.11	0.050	mg/kg	2.00		105	84.3-123	4.12	14.1	
Total Xylenes	6.35	0.150	mg/kg	6.00		106	89.1-124	4.34	13.4	
Surrogate: 4-Bromofluorobenzene (PID)	0.0555		mg/kg	0.0500		111	69.9-140			

Batch 2090829 - Volatiles**Blank (2090829-BLK1)**

Prepared: 08-Sep-22 Analyzed: 09-Sep-22

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SMOKEY BITS CTB
Project Number: 225842
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
17-Nov-22 10:15

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2090829 - Volatiles**Blank (2090829-BLK1)**

Prepared: 08-Sep-22 Analyzed: 09-Sep-22

Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0518		mg/kg	0.0500		104	69.9-140			

LCS (2090829-BS1)

Prepared: 08-Sep-22 Analyzed: 09-Sep-22

Benzene	1.95	0.050	mg/kg	2.00		97.3	83.4-122			
Toluene	2.20	0.050	mg/kg	2.00		110	84.2-126			
Ethylbenzene	2.17	0.050	mg/kg	2.00		108	84.2-121			
m,p-Xylene	4.50	0.100	mg/kg	4.00		113	89.9-126			
o-Xylene	2.20	0.050	mg/kg	2.00		110	84.3-123			
Total Xylenes	6.70	0.150	mg/kg	6.00		112	89.1-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.0546		mg/kg	0.0500		109	69.9-140			

LCS Dup (2090829-BS1)

Prepared: 08-Sep-22 Analyzed: 09-Sep-22

Benzene	1.96	0.050	mg/kg	2.00		98.0	83.4-122	0.734	12.6	
Toluene	2.19	0.050	mg/kg	2.00		110	84.2-126	0.359	13.3	
Ethylbenzene	2.13	0.050	mg/kg	2.00		107	84.2-121	1.51	13.9	
m,p-Xylene	4.46	0.100	mg/kg	4.00		111	89.9-126	0.905	13.6	
o-Xylene	2.18	0.050	mg/kg	2.00		109	84.3-123	0.930	14.1	
Total Xylenes	6.64	0.150	mg/kg	6.00		111	89.1-124	0.913	13.4	
Surrogate: 4-Bromofluorobenzene (PID)	0.0533		mg/kg	0.0500		107	69.9-140			

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SMOKEY BITS CTB
Project Number: 225842
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
17-Nov-22 10:15

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 2090818 - General Prep - Organics**Blank (2090818-BLK1)**

Prepared: 08-Sep-22 Analyzed: 09-Sep-22

GRO C6-C10	ND	10.0	mg/kg						
DRO >C10-C28	ND	10.0	mg/kg						
EXT DRO >C28-C36	ND	10.0	mg/kg						
Surrogate: 1-Chlorooctane	44.7		mg/kg	50.0		89.3	45.3-161		
Surrogate: 1-Chlorooctadecane	48.7		mg/kg	50.0		97.4	46.3-178		

LCS (2090818-BS1)

Prepared: 08-Sep-22 Analyzed: 09-Sep-22

GRO C6-C10	178	10.0	mg/kg	200		88.9	76.8-124		
DRO >C10-C28	196	10.0	mg/kg	200		98.0	74.9-127		
Total TPH C6-C28	374	10.0	mg/kg	400		93.4	77.5-124		
Surrogate: 1-Chlorooctane	46.2		mg/kg	50.0		92.5	45.3-161		
Surrogate: 1-Chlorooctadecane	52.5		mg/kg	50.0		105	46.3-178		

LCS Dup (2090818-BS1)

Prepared: 08-Sep-22 Analyzed: 09-Sep-22

GRO C6-C10	187	10.0	mg/kg	200		93.3	76.8-124	4.81	17.2
DRO >C10-C28	203	10.0	mg/kg	200		102	74.9-127	3.60	18.6
Total TPH C6-C28	390	10.0	mg/kg	400		97.4	77.5-124	4.17	17.6
Surrogate: 1-Chlorooctane	49.9		mg/kg	50.0		99.8	45.3-161		
Surrogate: 1-Chlorooctadecane	60.4		mg/kg	50.0		121	46.3-178		

Batch 2090819 - General Prep - Organics**Blank (2090819-BLK1)**

Prepared: 08-Sep-22 Analyzed: 09-Sep-22

GRO C6-C10	ND	10.0	mg/kg						
DRO >C10-C28	ND	10.0	mg/kg						
EXT DRO >C28-C36	ND	10.0	mg/kg						
Surrogate: 1-Chlorooctane	45.7		mg/kg	50.0		91.5	45.3-161		
Surrogate: 1-Chlorooctadecane	48.0		mg/kg	50.0		95.9	46.3-178		

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SMOKEY BITS CTB
Project Number: 225842
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
17-Nov-22 10:15

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 2090819 - General Prep - Organics**LCS (2090819-BS1)**

Prepared: 08-Sep-22 Analyzed: 09-Sep-22

GRO C6-C10	208	10.0	mg/kg	200		104	76.8-124		
DRO >C10-C28	209	10.0	mg/kg	200		105	74.9-127		
Total TPH C6-C28	418	10.0	mg/kg	400		104	77.5-124		
Surrogate: 1-Chlorooctane	51.8		mg/kg	50.0		104	45.3-161		
Surrogate: 1-Chlorooctadecane	53.2		mg/kg	50.0		106	46.3-178		

LCS Dup (2090819-BS1)

Prepared: 08-Sep-22 Analyzed: 09-Sep-22

GRO C6-C10	209	10.0	mg/kg	200		105	76.8-124	0.287	17.2
DRO >C10-C28	215	10.0	mg/kg	200		108	74.9-127	2.99	18.6
Total TPH C6-C28	424	10.0	mg/kg	400		106	77.5-124	1.65	17.6
Surrogate: 1-Chlorooctane	51.0		mg/kg	50.0		102	45.3-161		
Surrogate: 1-Chlorooctadecane	54.6		mg/kg	50.0		109	46.3-178		

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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

Work Order No: 1824112

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Project Manager:		Ethan Sessums		Bill to: (if different)		Ethan Sessums	
Company Name:		NTG Environmental		Company Name:		NTGE	
Address:		402 E Wood Ave		Address:		402 E Wood Ave.	
City, State ZIP:		Carlsbad, NM 88220		City, State ZIP:		Carlsbad, NM 88220	
Phone:		254-266-5456		Email:		esessums@ntglobal.com	

Project Name:		Smokey Bits CTB		Turn Around		Pres. Code	
Project Number:		225842		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush			
Project Location:		Eddy Co		Due Date:			
Sampler's Name:		Jordan Tyner		TAT starts the day received by the lab, if received by 4:30pm			
PO #:							

SAMPLE RECEIPT		Temp Blank:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Wet Ice:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Received Intact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:		113		-0.10°C	
Cooler Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Correction Factor:		2.4°C			
Sample Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Temperature Reading:		1.8°C			
Total Containers:		74		Corrected Temperature:					

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST										Preservative Codes	
CS-6 (7)	9/6/2022		X		Comp	1	X	X	X								None: NO	DI Water: H ₂ O
CS-7 (5)	9/6/2022		X		Comp	1	X	X	X								Cool: Cool	MeOH: Me
CS-8 (5)	9/6/2022		X		Comp	1	X	X	X								HCL: HC	HNO ₃ : HN
CS-9 (5)	9/6/2022		X		Comp	1	X	X	X								H ₂ SO ₄ : H ₂	NaOH: Na
CS-10 (7)	9/6/2022		X		Comp	1	X	X	X								H ₃ PO ₄ : HP	
CS-11 (7)	9/6/2022		X		Comp	1	X	X	X								NaHSO ₄ : NABIS	
CS-12 (7)	9/6/2022		X		Comp	1	X	X	X								Na ₂ S ₂ O ₃ : NaSO ₃	
CS-13 (5)	9/6/2022		X		Comp	1	X	X	X								Zn Acetate+NaOH: Zn	
CS-14 (5)	9/6/2022		X		Comp	1	X	X	X								NaOH+Ascorbic Acid: SAPC	
CS-15 (5)	9/6/2022		X		Comp	1	X	X	X									

Relinquished by: (Signature)		Received by: (Signature)		Date/Time		Relinquished by: (Signature)		Received by: (Signature)		Date/Time	
<i>[Signature]</i>		<i>[Signature]</i>		9-7-22 15:01							

Additional Comments:

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Chain of Custody

Work Order No: 424112Page 2 of 4

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Project Manager:	Ethan Sessums	Bill to: (if different)	Ethan Sessums
Company Name:	NTG Environmental	Company Name:	NTGE
Address:	402 E Wood Ave	Address:	402 E Wood Ave.
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Carlsbad, NM 88220
Phone:	254-266-5456	Email:	esessums@ntglobal.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level I <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Smokey Bits CTB	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code		ANALYSIS REQUEST										Preservative Codes	
Project Number:	225842	Due Date:														None: NO	DI Water: H ₂ O
Project Location:	Eddy Co	TAT starts the day received by the lab, if received by 4:30pm														Cool: Cool	MeOH: Me
Sampler's Name:	Jordan Tyner	Thermometer ID:														HCL: HC	HNO ₃ : HN
PO #:		Wet Ice:														H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT	Temp Blank: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Wet Ice:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>											H ₃ PO ₄ : HP	
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:														NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:														Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Corrected Temperature:														Zn Acetate+NaOH: Zn	
Total Containers:	74															NaOH+Ascorbic Acid: SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters										Sample Comments	
CS-16 (7)	9/6/2022		X		Comp	1	X	X	X									
CS-17 (7)	9/6/2022		X		Comp	1	X	X	X									
CS-18 (7)	9/6/2022		X		Comp	1	X	X	X									
CS-19 (5)	9/6/2022		X		Comp	1	X	X	X									
CS-20 (5)	9/6/2022		X		Comp	1	X	X	X									
CS-21 (5)	9/6/2022		X		Comp	1	X	X	X									
CS-22 (7)	9/6/2022		X		Comp	1	X	X	X									
CS-23 (7)	9/6/2022		X		Comp	1	X	X	X									
CS-24 (7)	9/6/2022		X		Comp	1	X	X	X									
CS-25 (5)	9/6/2022		X		Comp	1	X	X	X									

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <u>[Signature]</u>	<u>[Signature]</u>	9/22/2021	2		
3			4		
5			6		



Chain of Custody

Work Order No: H224112

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Project Manager:	Ethan Sessums	Bill to: (if different)	Ethan Sessums
Company Name:	NTG Environmental	Company Name:	NTGE
Address:	402 E Wood Ave	Address:	402 E Wood Ave.
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Carlsbad, NM 88220
Phone:	254-266-5456	Email:	esessums@ntglobal.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Smokey Bits CTB	Turn Around		Pres. Code		ANALYSIS REQUEST						Preservative Codes		
Project Number:	225842	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush										None: NO	DI Water: H ₂ O	
Project Location:	Eddy Co	Due Date:										Cool: Cool	MeOH: Me	
Sampler's Name:	Jordan Tyner	TAT starts the day received by the lab, if received by 4:30pm										HCL: HC	HNO ₃ : HN	
PO #:												H ₂ SO ₄ : H ₂	NaOH: Na	
SAMPLE RECEIPT		Temp Blank:	Yes () No (X)	Wet Ice:	(X) Yes () No								HOLD	
Received Intact:	Yes (X) No ()	Thermometer ID:											H ₃ PO ₄ : HP	
Cooler Custody Seals:	Yes () No (X) N/A	Correction Factor:											NaHSO ₄ : NABIS	
Sample Custody Seals:	Yes () No (X) N/A	Temperature Reading:											Na ₂ S ₂ O ₃ : NaSO ₃	
Total Containers:	74	Corrected Temperature:											Zn Acetate+NaOH: Zn	
													NaOH+Ascorbic Acid: SAPC	

[illegible]

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>[Signature]</i>			2		
3 <i>[Signature]</i>	<i>[Signature]</i>	9.22.2015	4		
			5		
			6		



Chain of Custody

Work Order No: HA24112

Page 4 of 4

Page 47 of 47

Project Manager:	Ethan Sessums	Bill to: (if different)	Ethan Sessums
Company Name:	NTG Environmental	Company Name:	NTGE
Address:	402 E Wood Ave	Address:	402 E Wood Ave.
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Carlsbad, NM 88220
Phone:	254-266-5456	Email:	esessums@ntglobal.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level: Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Smokey Bits CTB	Turn Around		Pres. Code	ANALYSIS REQUEST										Preservative Codes	
Project Number:	225842	<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush												None: NO	DI Water: H ₂ O
Project Location:	Eddy Co	Due Date:													Cool: Cool	MeOH: Me
Sampler's Name:	Jordan Tyner	TAT starts the day received by the lab, if received by 4:30pm													HCL: HC	HNO ₃ : HN
PO #:															H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT	Temp Blank:	Yes (No)	Wet Ice:	Yes (No)											H ₃ PO ₄ : HP	
Received Inact:	Yes (No)		Thermometer ID:	113											NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes (No)		Correction Factor:	-0.00											Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	Yes (No)		Temperature Reading:	24.1											Zn Acetate+NaOH: Zn	
Total Containers:	74		Corrected Temperature:	1.8											NaOH+Ascorbic Acid: SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											</
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Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	9/22/2022 1531			



Environment Testing America

ANALYTICAL REPORT

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Tel: (575)988-3199

Laboratory Job ID: 890-3006-1

Laboratory Sample Delivery Group: 225842

Client Project/Site: SMOKEY BITS CTB

For:

NT Global
701 Tradewinds Blvd
Midland, Texas 79706

Attn: Ethan Sessums

A handwritten signature in black ink that reads "Jessica Kramer".

Authorized for release by:

9/30/2022 11:38:10 AM

Jessica Kramer, Project Manager
(432)704-5440

Jessica.Kramer@et.eurofinsus.com

LINKS

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

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

Client: NT Global
Project/Site: SMOKEY BITS CTB

Laboratory Job ID: 890-3006-1
SDG: 225842

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Definitions/Glossary

Client: NT Global
Project/Site: SMOKEY BITS CTB

Job ID: 890-3006-1
SDG: 225842

Qualifiers

GC VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: NT Global
Project/Site: SMOKEY BITS CTB

Job ID: 890-3006-1
SDG: 225842

Job ID: 890-3006-1**Laboratory: Eurofins Carlsbad****Narrative****Job Narrative
890-3006-1****Receipt**

The samples were received on 9/19/2022 4:08 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.6°C

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: SW-10 (890-3006-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-35204 and analytical batch 880-35466 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: (LCS 880-35209/1-A) and (LCSD 880-35209/2-A). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: (880-19356-A-59-D MS) and (880-19356-A-59-E MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-35209 and analytical batch 880-35466 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (880-19356-A-59-F). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-35209 and analytical batch 880-35466 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample duplicate (LCSC) recovery was within acceptance limits.

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

GC Semi VOA

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-35018 and analytical batch 880-35120 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10.

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

HPLC/IC

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

Client Sample Results

Client: NT Global
Project/Site: SMOKEY BITS CTB

Job ID: 890-3006-1
SDG: 225842

Client Sample ID: SW-10

Lab Sample ID: 890-3006-1

Date Collected: 09/16/22 00:00

Matrix: Solid

Date Received: 09/19/22 16:08

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		09/27/22 16:49	09/28/22 10:29	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/27/22 16:49	09/28/22 10:29	1
Ethylbenzene	<0.00198	U **	0.00198		mg/Kg		09/27/22 16:49	09/28/22 10:29	1
m-Xylene & p-Xylene	<0.00397	U **	0.00397		mg/Kg		09/27/22 16:49	09/28/22 10:29	1
o-Xylene	<0.00198	U **	0.00198		mg/Kg		09/27/22 16:49	09/28/22 10:29	1
Xylenes, Total	<0.00397	U **	0.00397		mg/Kg		09/27/22 16:49	09/28/22 10:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	09/27/22 16:49	09/28/22 10:29	1
1,4-Difluorobenzene (Surr)	67	S1-	70 - 130	09/27/22 16:49	09/28/22 10:29	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			09/28/22 12:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/23/22 16:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		09/21/22 08:32	09/23/22 01:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/21/22 08:32	09/23/22 01:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/21/22 08:32	09/23/22 01:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	09/21/22 08:32	09/23/22 01:13	1
o-Terphenyl	101		70 - 130	09/21/22 08:32	09/23/22 01:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	99.5		4.95		mg/Kg			09/22/22 18:58	1

Client Sample ID: SW-11

Lab Sample ID: 890-3006-2

Date Collected: 09/16/22 00:00

Matrix: Solid

Date Received: 09/19/22 16:08

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/30/22 07:58	09/30/22 11:25	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/30/22 07:58	09/30/22 11:25	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/30/22 07:58	09/30/22 11:25	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/30/22 07:58	09/30/22 11:25	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/30/22 07:58	09/30/22 11:25	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/30/22 07:58	09/30/22 11:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	09/30/22 07:58	09/30/22 11:25	1
1,4-Difluorobenzene (Surr)	70		70 - 130	09/30/22 07:58	09/30/22 11:25	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global
Project/Site: SMOKEY BITS CTB

Job ID: 890-3006-1
SDG: 225842

Client Sample ID: SW-11

Lab Sample ID: 890-3006-2

Date Collected: 09/16/22 00:00

Matrix: Solid

Date Received: 09/19/22 16:08

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/28/22 12:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/23/22 16:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		09/21/22 08:32	09/23/22 01:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/21/22 08:32	09/23/22 01:35	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/21/22 08:32	09/23/22 01:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				09/21/22 08:32	09/23/22 01:35	1
o-Terphenyl	101		70 - 130				09/21/22 08:32	09/23/22 01:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	55.8		5.01		mg/Kg			09/22/22 19:03	1

Client Sample ID: CS-6

Lab Sample ID: 890-3006-3

Date Collected: 09/16/22 00:00

Matrix: Solid

Date Received: 09/19/22 16:08

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/30/22 07:58	09/30/22 11:46	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/30/22 07:58	09/30/22 11:46	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/30/22 07:58	09/30/22 11:46	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/30/22 07:58	09/30/22 11:46	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/30/22 07:58	09/30/22 11:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/30/22 07:58	09/30/22 11:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				09/30/22 07:58	09/30/22 11:46	1
1,4-Difluorobenzene (Surr)	87		70 - 130				09/30/22 07:58	09/30/22 11:46	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/28/22 12:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/23/22 16:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		09/21/22 08:32	09/23/22 01:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/21/22 08:32	09/23/22 01:56	1

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Client Sample Results

Client: NT Global
Project/Site: SMOKEY BITS CTB

Job ID: 890-3006-1
SDG: 225842

Client Sample ID: CS-6

Lab Sample ID: 890-3006-3

Date Collected: 09/16/22 00:00

Matrix: Solid

Date Received: 09/19/22 16:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/21/22 08:32	09/23/22 01:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130	09/21/22 08:32	09/23/22 01:56	1
o-Terphenyl	101		70 - 130	09/21/22 08:32	09/23/22 01:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	98.1		4.98		mg/Kg			09/22/22 19:17	1

Surrogate Summary

Client: NT Global
Project/Site: SMOKEY BITS CTB

Job ID: 890-3006-1
SDG: 225842

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-19347-A-7-F MS	Matrix Spike	118	105
880-19347-A-7-G MSD	Matrix Spike Duplicate	133 S1+	102
880-19356-A-59-D MS	Matrix Spike	57 S1-	85
880-19356-A-59-E MSD	Matrix Spike Duplicate	93	67 S1-
890-3006-1	SW-10	101	67 S1-
890-3006-2	SW-11	98	70
890-3006-3	CS-6	114	87
LCS 880-35209/1-A	Lab Control Sample	169 S1+	120
LCS 880-35745/1-A	Lab Control Sample	120	102
LCSD 880-35209/2-A	Lab Control Sample Dup	141 S1+	117
LCSD 880-35745/2-A	Lab Control Sample Dup	128	95
MB 880-35204/5-A	Method Blank	134 S1+	92
MB 880-35209/5-A	Method Blank	131 S1+	90
MB 880-35745/5-A	Method Blank	104	87
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-19424-A-53-C MS	Matrix Spike	85	76
880-19424-A-53-D MSD	Matrix Spike Duplicate	82	74
890-3006-1	SW-10	107	101
890-3006-2	SW-11	106	101
890-3006-3	CS-6	106	101
LCS 880-35018/2-A	Lab Control Sample	113	105
LCSD 880-35018/3-A	Lab Control Sample Dup	98	86
MB 880-35018/1-A	Method Blank	105	103
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: NT Global
Project/Site: SMOKEY BITS CTB

Job ID: 890-3006-1
SDG: 225842

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-35204/5-A

Matrix: Solid

Analysis Batch: 35466

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 35204

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/22/22 16:31	09/27/22 12:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/22/22 16:31	09/27/22 12:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/22/22 16:31	09/27/22 12:34	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/22/22 16:31	09/27/22 12:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/22/22 16:31	09/27/22 12:34	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/22/22 16:31	09/27/22 12:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130	09/22/22 16:31	09/27/22 12:34	1
1,4-Difluorobenzene (Surr)	92		70 - 130	09/22/22 16:31	09/27/22 12:34	1

Lab Sample ID: MB 880-35209/5-A

Matrix: Solid

Analysis Batch: 35466

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 35209

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/27/22 16:49	09/28/22 02:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/27/22 16:49	09/28/22 02:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/27/22 16:49	09/28/22 02:09	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/27/22 16:49	09/28/22 02:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/27/22 16:49	09/28/22 02:09	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/27/22 16:49	09/28/22 02:09	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	09/27/22 16:49	09/28/22 02:09	1
1,4-Difluorobenzene (Surr)	90		70 - 130	09/27/22 16:49	09/28/22 02:09	1

Lab Sample ID: LCS 880-35209/1-A

Matrix: Solid

Analysis Batch: 35466

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 35209

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09611		mg/Kg		96	70 - 130
Toluene	0.100	0.1132		mg/Kg		113	70 - 130
Ethylbenzene	0.100	0.1339	*+	mg/Kg		134	70 - 130
m-Xylene & p-Xylene	0.200	0.2990	*+	mg/Kg		149	70 - 130
o-Xylene	0.100	0.1476	*+	mg/Kg		148	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	169	S1+	70 - 130
1,4-Difluorobenzene (Surr)	120		70 - 130

Lab Sample ID: LCSD 880-35209/2-A

Matrix: Solid

Analysis Batch: 35466

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 35209

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1072		mg/Kg		107	70 - 130	11	35

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QC Sample Results

Client: NT Global
Project/Site: SMOKEY BITS CTB

Job ID: 890-3006-1
SDG: 225842

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

Lab Sample ID: LCSD 880-35209/2-A

Matrix: Solid

Analysis Batch: 35466

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 35209

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.1055		mg/Kg		105	70 - 130	7	35
Ethylbenzene	0.100	0.1148		mg/Kg		115	70 - 130	15	35
m-Xylene & p-Xylene	0.200	0.2476		mg/Kg		124	70 - 130	19	35
o-Xylene	0.100	0.1223		mg/Kg		122	70 - 130	19	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130
1,4-Difluorobenzene (Surr)	117		70 - 130

Lab Sample ID: 880-19356-A-59-D MS

Matrix: Solid

Analysis Batch: 35466

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 35209

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U F1	0.100	0.02244	F1	mg/Kg		22	70 - 130		
Toluene	<0.00201	U F1	0.100	0.03548	F1	mg/Kg		35	70 - 130		
Ethylbenzene	<0.00201	U *+ F1 F2	0.100	0.03180	F1	mg/Kg		32	70 - 130		
m-Xylene & p-Xylene	<0.00402	U *+ F1 F2	0.201	0.05059	F1	mg/Kg		25	70 - 130		
o-Xylene	<0.00201	U *+ F1 F2	0.100	0.02538	F1	mg/Kg		25	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	57	S1-	70 - 130
1,4-Difluorobenzene (Surr)	85		70 - 130

Lab Sample ID: 880-19356-A-59-E MSD

Matrix: Solid

Analysis Batch: 35466

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 35209

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U F1	0.0990	0.02540	F1	mg/Kg		26	70 - 130	12	35
Toluene	<0.00201	U F1	0.0990	0.04509	F1	mg/Kg		46	70 - 130	24	35
Ethylbenzene	<0.00201	U *+ F1 F2	0.0990	0.05413	F1 F2	mg/Kg		55	70 - 130	52	35
m-Xylene & p-Xylene	<0.00402	U *+ F1 F2	0.198	0.09179	F1 F2	mg/Kg		46	70 - 130	58	35
o-Xylene	<0.00201	U *+ F1 F2	0.0990	0.04466	F1 F2	mg/Kg		45	70 - 130	55	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		70 - 130
1,4-Difluorobenzene (Surr)	67	S1-	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: SMOKEY BITS CTB

Job ID: 890-3006-1
SDG: 225842

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

Lab Sample ID: MB 880-35745/5-A

Matrix: Solid

Analysis Batch: 35744

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 35745

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/30/22 07:58	09/30/22 10:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/30/22 07:58	09/30/22 10:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/30/22 07:58	09/30/22 10:23	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/30/22 07:58	09/30/22 10:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/30/22 07:58	09/30/22 10:23	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/30/22 07:58	09/30/22 10:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	09/30/22 07:58	09/30/22 10:23	1
1,4-Difluorobenzene (Surr)	87		70 - 130	09/30/22 07:58	09/30/22 10:23	1

Lab Sample ID: LCS 880-35745/1-A

Matrix: Solid

Analysis Batch: 35744

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 35745

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08346		mg/Kg		83	70 - 130
Toluene	0.100	0.07921		mg/Kg		79	70 - 130
Ethylbenzene	0.100	0.08765		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	0.200	0.1803		mg/Kg		90	70 - 130
o-Xylene	0.100	0.1018		mg/Kg		102	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	120		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-35745/2-A

Matrix: Solid

Analysis Batch: 35744

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 35745

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.07504		mg/Kg		75	70 - 130	11	35
Toluene	0.100	0.08078		mg/Kg		81	70 - 130	2	35
Ethylbenzene	0.100	0.08938		mg/Kg		89	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.1897		mg/Kg		95	70 - 130	5	35
o-Xylene	0.100	0.1078		mg/Kg		108	70 - 130	6	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	128		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: 880-19347-A-7-F MS

Matrix: Solid

Analysis Batch: 35744

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 35745

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0998	0.08818		mg/Kg		88	70 - 130
Toluene	<0.00200	U	0.0998	0.08271		mg/Kg		83	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: SMOKEY BITS CTB

Job ID: 890-3006-1
SDG: 225842

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

Lab Sample ID: 880-19347-A-7-F MS

Matrix: Solid

Analysis Batch: 35744

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 35745

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.0998	0.08821		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1806		mg/Kg		90	70 - 130
o-Xylene	<0.00200	U	0.0998	0.1019		mg/Kg		102	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	118		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 880-19347-A-7-G MSD

Matrix: Solid

Analysis Batch: 35744

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 35745

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0996	0.08390		mg/Kg		84	70 - 130	5	35
Toluene	<0.00200	U	0.0996	0.08269		mg/Kg		83	70 - 130	0	35
Ethylbenzene	<0.00200	U	0.0996	0.09357		mg/Kg		94	70 - 130	6	35
m-Xylene & p-Xylene	<0.00399	U	0.199	0.1984		mg/Kg		100	70 - 130	9	35
o-Xylene	<0.00200	U	0.0996	0.1133		mg/Kg		114	70 - 130	11	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

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

Lab Sample ID: MB 880-35018/1-A

Matrix: Solid

Analysis Batch: 35120

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 35018

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/21/22 08:32	09/22/22 19:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/21/22 08:32	09/22/22 19:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/21/22 08:32	09/22/22 19:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130	09/21/22 08:32	09/22/22 19:31	1
o-Terphenyl	103		70 - 130	09/21/22 08:32	09/22/22 19:31	1

Lab Sample ID: LCS 880-35018/2-A

Matrix: Solid

Analysis Batch: 35120

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 35018

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1066		mg/Kg		107	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1068		mg/Kg		107	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: SMOKEY BITS CTB

Job ID: 890-3006-1
SDG: 225842

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

Lab Sample ID: LCS 880-35018/2-A

Matrix: Solid

Analysis Batch: 35120

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 35018

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	113		70 - 130
o-Terphenyl	105		70 - 130

Lab Sample ID: LCSD 880-35018/3-A

Matrix: Solid

Analysis Batch: 35120

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 35018

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	821.3	*1	mg/Kg		82	70 - 130	26	20
Diesel Range Organics (Over C10-C28)	1000	889.0		mg/Kg		89	70 - 130	18	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	98		70 - 130
o-Terphenyl	86		70 - 130

Lab Sample ID: 880-19424-A-53-C MS

Matrix: Solid

Analysis Batch: 35120

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 35018

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	996	826.0		mg/Kg		83	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	996	868.7		mg/Kg		87	70 - 130		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	85		70 - 130
o-Terphenyl	76		70 - 130

Lab Sample ID: 880-19424-A-53-D MSD

Matrix: Solid

Analysis Batch: 35120

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 35018

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	999	786.3		mg/Kg		79	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	872.5		mg/Kg		87	70 - 130	0	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	82		70 - 130
o-Terphenyl	74		70 - 130

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QC Sample Results

Client: NT Global
Project/Site: SMOKEY BITS CTB

Job ID: 890-3006-1
SDG: 225842

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-34935/1-A

Matrix: Solid

Analysis Batch: 35156

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/22/22 17:40	1

Lab Sample ID: LCS 880-34935/2-A

Matrix: Solid

Analysis Batch: 35156

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	249.7		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-34935/3-A

Matrix: Solid

Analysis Batch: 35156

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	250.1		mg/Kg		100	90 - 110	0	20

Lab Sample ID: 890-3006-2 MS

Matrix: Solid

Analysis Batch: 35156

Client Sample ID: SW-11

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	55.8		251	304.6		mg/Kg		99	90 - 110

Lab Sample ID: 890-3006-2 MSD

Matrix: Solid

Analysis Batch: 35156

Client Sample ID: SW-11

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	55.8		251	305.1		mg/Kg		99	90 - 110	0	20

QC Association Summary

Client: NT Global
Project/Site: SMOKEY BITS CTB

Job ID: 890-3006-1
SDG: 225842

GC VOA

Prep Batch: 35204

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-35204/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 35209

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3006-1	SW-10	Total/NA	Solid	5035	
MB 880-35209/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-35209/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-35209/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-19356-A-59-D MS	Matrix Spike	Total/NA	Solid	5035	
880-19356-A-59-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 35466

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3006-1	SW-10	Total/NA	Solid	8021B	35209
MB 880-35204/5-A	Method Blank	Total/NA	Solid	8021B	35204
MB 880-35209/5-A	Method Blank	Total/NA	Solid	8021B	35209
LCS 880-35209/1-A	Lab Control Sample	Total/NA	Solid	8021B	35209
LCSD 880-35209/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	35209
880-19356-A-59-D MS	Matrix Spike	Total/NA	Solid	8021B	35209
880-19356-A-59-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	35209

Analysis Batch: 35609

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3006-1	SW-10	Total/NA	Solid	Total BTEX	
890-3006-2	SW-11	Total/NA	Solid	Total BTEX	
890-3006-3	CS-6	Total/NA	Solid	Total BTEX	

Analysis Batch: 35744

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3006-2	SW-11	Total/NA	Solid	8021B	35745
890-3006-3	CS-6	Total/NA	Solid	8021B	35745
MB 880-35745/5-A	Method Blank	Total/NA	Solid	8021B	35745
LCS 880-35745/1-A	Lab Control Sample	Total/NA	Solid	8021B	35745
LCSD 880-35745/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	35745
880-19347-A-7-F MS	Matrix Spike	Total/NA	Solid	8021B	35745
880-19347-A-7-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	35745

Prep Batch: 35745

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3006-2	SW-11	Total/NA	Solid	5035	
890-3006-3	CS-6	Total/NA	Solid	5035	
MB 880-35745/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-35745/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-35745/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-19347-A-7-F MS	Matrix Spike	Total/NA	Solid	5035	
880-19347-A-7-G MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Eurofins Carlsbad

QC Association Summary

Client: NT Global
Project/Site: SMOKEY BITS CTB

Job ID: 890-3006-1
SDG: 225842

GC Semi VOA

Prep Batch: 35018

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3006-1	SW-10	Total/NA	Solid	8015NM Prep	
890-3006-2	SW-11	Total/NA	Solid	8015NM Prep	
890-3006-3	CS-6	Total/NA	Solid	8015NM Prep	
MB 880-35018/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-35018/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-35018/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-19424-A-53-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-19424-A-53-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 35120

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3006-1	SW-10	Total/NA	Solid	8015B NM	35018
890-3006-2	SW-11	Total/NA	Solid	8015B NM	35018
890-3006-3	CS-6	Total/NA	Solid	8015B NM	35018
MB 880-35018/1-A	Method Blank	Total/NA	Solid	8015B NM	35018
LCS 880-35018/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	35018
LCSD 880-35018/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	35018
880-19424-A-53-C MS	Matrix Spike	Total/NA	Solid	8015B NM	35018
880-19424-A-53-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	35018

Analysis Batch: 35296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3006-1	SW-10	Total/NA	Solid	8015 NM	
890-3006-2	SW-11	Total/NA	Solid	8015 NM	
890-3006-3	CS-6	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 34935

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3006-1	SW-10	Soluble	Solid	DI Leach	
890-3006-2	SW-11	Soluble	Solid	DI Leach	
890-3006-3	CS-6	Soluble	Solid	DI Leach	
MB 880-34935/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-34935/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-34935/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-3006-2 MS	SW-11	Soluble	Solid	DI Leach	
890-3006-2 MSD	SW-11	Soluble	Solid	DI Leach	

Analysis Batch: 35156

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3006-1	SW-10	Soluble	Solid	300.0	34935
890-3006-2	SW-11	Soluble	Solid	300.0	34935
890-3006-3	CS-6	Soluble	Solid	300.0	34935
MB 880-34935/1-A	Method Blank	Soluble	Solid	300.0	34935
LCS 880-34935/2-A	Lab Control Sample	Soluble	Solid	300.0	34935
LCSD 880-34935/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	34935
890-3006-2 MS	SW-11	Soluble	Solid	300.0	34935
890-3006-2 MSD	SW-11	Soluble	Solid	300.0	34935

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: SMOKEY BITS CTB

Job ID: 890-3006-1
SDG: 225842

Client Sample ID: SW-10

Lab Sample ID: 890-3006-1

Date Collected: 09/16/22 00:00

Matrix: Solid

Date Received: 09/19/22 16:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	35209	09/27/22 16:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35466	09/28/22 10:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			35609	09/28/22 12:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			35296	09/23/22 16:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35018	09/21/22 08:32	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35120	09/23/22 01:13	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	34935	09/21/22 10:00	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	35156	09/22/22 18:58	CH	EET MID

Client Sample ID: SW-11

Lab Sample ID: 890-3006-2

Date Collected: 09/16/22 00:00

Matrix: Solid

Date Received: 09/19/22 16:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	35745	09/30/22 07:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35744	09/30/22 11:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			35609	09/28/22 12:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			35296	09/23/22 16:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35018	09/21/22 08:32	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35120	09/23/22 01:35	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	34935	09/21/22 10:00	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	35156	09/22/22 19:03	CH	EET MID

Client Sample ID: CS-6

Lab Sample ID: 890-3006-3

Date Collected: 09/16/22 00:00

Matrix: Solid

Date Received: 09/19/22 16:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	35745	09/30/22 07:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35744	09/30/22 11:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			35609	09/28/22 12:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			35296	09/23/22 16:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35018	09/21/22 08:32	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35120	09/23/22 01:56	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	34935	09/21/22 10:00	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	35156	09/22/22 19:17	CH	EET MID

Laboratory References:

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

Eurofins Carlsbad

Accreditation/Certification Summary

Client: NT Global
Project/Site: SMOKEY BITS CTB

Job ID: 890-3006-1
SDG: 225842

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-24	06-30-23

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

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

Method Summary

Client: NT Global
Project/Site: SMOKEY BITS CTB

Job ID: 890-3006-1
SDG: 225842

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

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: NT Global
Project/Site: SMOKEY BITS CTB

Job ID: 890-3006-1
SDG: 225842

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-3006-1	SW-10	Solid	09/16/22 00:00	09/19/22 16:08
890-3006-2	SW-11	Solid	09/16/22 00:00	09/19/22 16:08
890-3006-3	CS-6	Solid	09/16/22 00:00	09/19/22 16:08

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Chain of Custody

Work Order No: _____

Page 1 of 1

Project Manager:	Elhan Sessums		Bill to: (if different)	
Company Name:	NTG Environmental		Company Name:	Colgate
Address:	402 E Wood Ave		Address:	
City, State ZIP:	Carlsbad, NM 88220		City, State ZIP:	
Phone:	254-266-5456		Email:	

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting: Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDO <input type="checkbox"/> ADaPT <input type="checkbox"/> Other: _____	

Project Name:		Smokey Bits CTB		Turn Around		Pres. Code	ANALYSIS REQUEST						Preservative Codes					
Project Number:		225842		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush														
Project Location		Eddy Co. NM		Due Date:		5 Days							None: NO					
Sampler's Name:		Jordan Tyner		TAT starts the day received by the lab, if received by 4:30pm									Cool: Cool					
PO #:													HCL: HC					
SAMPLE RECEIPT		Temp Blank:		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Well Ice:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No								H ₂ SO ₄ : H ₂			
Received Intact:		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Thermometer ID:		7W-003								H ₃ PO ₄ : HP				
Cooler Custody Seals:		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Correction Factor:		-0.8								NaHSO ₄ : NABIS				
Sample Custody Seals:		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Temperature Reading:		1.6								Na ₂ S ₂ O ₃ : NaSO ₃				
Total Containers:		3		Corrected Temperature:		1.6								Zn Acetate+NaOH: Zn				
														NaOH+Ascorbic Acid: SABC				

[illegible]

Additional Comments:

Strict deadline, notify if unable to met listed turn around

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$55.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>[Signature]</i>	<i>[Signature]</i>	9-19-22 16:08			
3 <i>[Signature]</i>					
5					

Revised Date: 06/12/2020 Rev: 2020

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-3006-1

SDG Number: 225842

Login Number: 3006

List Number: 1

Creator: Clifton, Cloe

List Source: Eurofins Carlsbad

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

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-3006-1

SDG Number: 225842

Login Number: 3006

List Number: 2

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

List Creation: 09/21/22 11:23 AM

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



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Ethan Sessums
NT Global
701 Tradewinds Blvd
Midland Texas 79706

Generated 11/16/2022 9:58:32 AM Revision 1

JOB DESCRIPTION

Smokey Bits
SDG NUMBER Lea County

JOB NUMBER

890-2758-1

Client: NT Global
Project/Site: Smokey Bits

Laboratory Job ID: 890-2758-1
SDG: Lea County

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Definitions/Glossary

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)

Eurofins Carlsbad

Definitions/Glossary

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

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Case Narrative

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Job ID: 890-2758-1**Laboratory: Eurofins Carlsbad****Narrative****Job Narrative
890-2758-1**REVISION

The report being provided is a revision of the original report sent on 8/29/2022. The report (revision 1) is being revised due to Per client email, requesting samples ID corrections.

Report revision history

Receipt

The samples were received on 8/16/2022 8:29 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.0°C

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-32788 and analytical batch 880-33109 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: CS-37 (890-2758-46). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS-40 (890-2758-49) and CS-41 (890-2758-50). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: CS-44 (890-2758-53). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (890-2758-A-21-E MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: CS-14 (890-2758-23). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: CS-19 (890-2758-28). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-32789 and analytical batch 880-33108 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SW-1 (890-2758-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SW-4 (890-2758-4). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: CS-5 (890-2758-14). Evidence of matrix

Case Narrative

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Job ID: 890-2758-1 (Continued)

Laboratory: Eurofins Carlsbad (Continued)

interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: CS-21 (890-2758-30). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-32394 and analytical batch 880-32384 recovered outside control limits for the following analytes: Diesel Range Organics (Over C10-C28).

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (890-2760-A-4-D), (890-2760-A-4-E MS) and (890-2760-A-4-F MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: CS-29 (890-2758-38). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-33 (890-2758-42) and CS-34 (890-2758-43). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike (MS) recoveries for preparation batch 880-32395 and analytical batch 880-32386 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: CS-35 (890-2758-44). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-38 (890-2758-47), CS-39 (890-2758-48), CS-40 (890-2758-49) and CS-41 (890-2758-50). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (890-2762-A-21-B), (890-2762-A-21-C MS) and (890-2762-A-21-D MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: CS-38 (890-2758-54). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The method blank for preparation batch 880-32517 and analytical batch 880-32464 contained Gasoline Range Organics (GRO)-C6-C10 above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-32517 and analytical batch 880-32464 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-32517 and analytical batch 880-32464 was outside control limits. Sample matrix interference and/or non-homogeneity is suspected.

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

HPLC/IC

Method 300_ORGFM_28D: The matrix spike (MS) recovery and precision for preparation batch 880-32318 and analytical batch 880-32770 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control

Case Narrative

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Job ID: 890-2758-1 (Continued)

Laboratory: Eurofins Carlsbad (Continued)

sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits. The associated samples are: CS-32 (890-2758-41), CS-33 (890-2758-42), CS-34 (890-2758-43), CS-35 (890-2758-44), CS-36 (890-2758-45), CS-37 (890-2758-46), CS-38 (890-2758-47), CS-39 (890-2758-48), CS-40 (890-2758-49), CS-41 (890-2758-50), (890-2758-A-41-B MS) and (890-2758-A-41-C MSD).

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

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Client Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: SW-1

Lab Sample ID: 890-2758-1

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U F1 F2	0.00201		mg/Kg		08/23/22 15:02	08/28/22 01:45	1
Toluene	<0.00201	U F1 F2	0.00201		mg/Kg		08/23/22 15:02	08/28/22 01:45	1
Ethylbenzene	<0.00201	U F1 F2	0.00201		mg/Kg		08/23/22 15:02	08/28/22 01:45	1
m-Xylene & p-Xylene	<0.00402	U F1 F2	0.00402		mg/Kg		08/23/22 15:02	08/28/22 01:45	1
o-Xylene	<0.00201	U F1	0.00201		mg/Kg		08/23/22 15:02	08/28/22 01:45	1
Xylenes, Total	<0.00402	U F1 F2	0.00402		mg/Kg		08/23/22 15:02	08/28/22 01:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	08/23/22 15:02	08/28/22 01:45	1
1,4-Difluorobenzene (Surr)	102		70 - 130	08/23/22 15:02	08/28/22 01:45	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/29/22 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/17/22 14:23	08/17/22 21:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/17/22 14:23	08/17/22 21:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/17/22 14:23	08/17/22 21:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	146	S1+	70 - 130	08/17/22 14:23	08/17/22 21:41	1
o-Terphenyl	133	S1+	70 - 130	08/17/22 14:23	08/17/22 21:41	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42.1		5.00		mg/Kg			08/26/22 04:48	1

Client Sample ID: SW-2

Lab Sample ID: 890-2758-2

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:02	08/28/22 02:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:02	08/28/22 02:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:02	08/28/22 02:05	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/23/22 15:02	08/28/22 02:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:02	08/28/22 02:05	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/23/22 15:02	08/28/22 02:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	08/23/22 15:02	08/28/22 02:05	1
1,4-Difluorobenzene (Surr)	99		70 - 130	08/23/22 15:02	08/28/22 02:05	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: SW-2

Lab Sample ID: 890-2758-2

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			08/29/22 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/17/22 14:23	08/18/22 07:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/17/22 14:23	08/18/22 07:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/17/22 14:23	08/18/22 07:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	123		70 - 130				08/17/22 14:23	08/18/22 07:43	1
o-Terphenyl	116		70 - 130				08/17/22 14:23	08/18/22 07:43	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.6		4.98		mg/Kg			08/26/22 05:11	1

Client Sample ID: SW-3

Lab Sample ID: 890-2758-3

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:02	08/28/22 02:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:02	08/28/22 02:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:02	08/28/22 02:26	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/23/22 15:02	08/28/22 02:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:02	08/28/22 02:26	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/23/22 15:02	08/28/22 02:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				08/23/22 15:02	08/28/22 02:26	1
1,4-Difluorobenzene (Surr)	96		70 - 130				08/23/22 15:02	08/28/22 02:26	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/29/22 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/17/22 14:23	08/17/22 23:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/17/22 14:23	08/17/22 23:08	1

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Client Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: SW-3

Lab Sample ID: 890-2758-3

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/22 14:23	08/17/22 23:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130				08/17/22 14:23	08/17/22 23:08	1
o-Terphenyl	110		70 - 130				08/17/22 14:23	08/17/22 23:08	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	84.8		5.00		mg/Kg			08/26/22 05:19	1

Client Sample ID: SW-4

Lab Sample ID: 890-2758-4

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:02	08/28/22 02:46	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:02	08/28/22 02:46	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:02	08/28/22 02:46	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/23/22 15:02	08/28/22 02:46	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:02	08/28/22 02:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/23/22 15:02	08/28/22 02:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				08/23/22 15:02	08/28/22 02:46	1
1,4-Difluorobenzene (Surr)	100		70 - 130				08/23/22 15:02	08/28/22 02:46	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/29/22 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/17/22 14:23	08/17/22 23:29	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/17/22 14:23	08/17/22 23:29	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/17/22 14:23	08/17/22 23:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	143	S1+	70 - 130				08/17/22 14:23	08/17/22 23:29	1
o-Terphenyl	136	S1+	70 - 130				08/17/22 14:23	08/17/22 23:29	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	426		4.99		mg/Kg			08/26/22 05:27	1

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Client Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: SW-5

Lab Sample ID: 890-2758-5

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/23/22 15:02	08/28/22 03:06	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/23/22 15:02	08/28/22 03:06	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/23/22 15:02	08/28/22 03:06	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/23/22 15:02	08/28/22 03:06	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/23/22 15:02	08/28/22 03:06	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/23/22 15:02	08/28/22 03:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	08/23/22 15:02	08/28/22 03:06	1
1,4-Difluorobenzene (Surr)	101		70 - 130	08/23/22 15:02	08/28/22 03:06	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/29/22 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	94.8		50.0		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/18/22 09:11	08/18/22 13:56	1
Diesel Range Organics (Over C10-C28)	94.8	*1	50.0		mg/Kg		08/18/22 09:11	08/18/22 13:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/18/22 09:11	08/18/22 13:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130	08/18/22 09:11	08/18/22 13:56	1
o-Terphenyl	98		70 - 130	08/18/22 09:11	08/18/22 13:56	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	310		4.95		mg/Kg			08/26/22 05:35	1

Client Sample ID: SW-6

Lab Sample ID: 890-2758-6

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:02	08/28/22 03:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:02	08/28/22 03:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:02	08/28/22 03:27	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/23/22 15:02	08/28/22 03:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:02	08/28/22 03:27	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/23/22 15:02	08/28/22 03:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	08/23/22 15:02	08/28/22 03:27	1
1,4-Difluorobenzene (Surr)	99		70 - 130	08/23/22 15:02	08/28/22 03:27	1

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Client Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: SW-6

Lab Sample ID: 890-2758-6

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/29/22 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	71.0		50.0		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/17/22 14:23	08/17/22 23:51	1
Diesel Range Organics (Over C10-C28)	71.0		50.0		mg/Kg		08/17/22 14:23	08/17/22 23:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/22 14:23	08/17/22 23:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130				08/17/22 14:23	08/17/22 23:51	1
o-Terphenyl	116		70 - 130				08/17/22 14:23	08/17/22 23:51	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	222		4.97		mg/Kg			08/26/22 05:59	1

Client Sample ID: SW-7

Lab Sample ID: 890-2758-7

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:02	08/28/22 03:47	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:02	08/28/22 03:47	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:02	08/28/22 03:47	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/23/22 15:02	08/28/22 03:47	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:02	08/28/22 03:47	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/23/22 15:02	08/28/22 03:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				08/23/22 15:02	08/28/22 03:47	1
1,4-Difluorobenzene (Surr)	102		70 - 130				08/23/22 15:02	08/28/22 03:47	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/29/22 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/17/22 14:23	08/18/22 00:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/17/22 14:23	08/18/22 00:12	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: SW-7

Lab Sample ID: 890-2758-7

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/22 14:23	08/18/22 00:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130				08/17/22 14:23	08/18/22 00:12	1
o-Terphenyl	118		70 - 130				08/17/22 14:23	08/18/22 00:12	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	63.2		4.95		mg/Kg			08/26/22 06:06	1

Client Sample ID: SW-8

Lab Sample ID: 890-2758-8

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/23/22 15:02	08/28/22 04:08	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/23/22 15:02	08/28/22 04:08	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/23/22 15:02	08/28/22 04:08	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/23/22 15:02	08/28/22 04:08	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/23/22 15:02	08/28/22 04:08	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/23/22 15:02	08/28/22 04:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				08/23/22 15:02	08/28/22 04:08	1
1,4-Difluorobenzene (Surr)	99		70 - 130				08/23/22 15:02	08/28/22 04:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/29/22 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/17/22 14:23	08/18/22 00:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/17/22 14:23	08/18/22 00:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/22 14:23	08/18/22 00:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	123		70 - 130				08/17/22 14:23	08/18/22 00:33	1
o-Terphenyl	117		70 - 130				08/17/22 14:23	08/18/22 00:33	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.9		5.05		mg/Kg			08/26/22 06:14	1

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Client Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: SW-9

Lab Sample ID: 890-2758-9

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		08/23/22 15:02	08/28/22 04:28	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/23/22 15:02	08/28/22 04:28	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/23/22 15:02	08/28/22 04:28	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		08/23/22 15:02	08/28/22 04:28	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/23/22 15:02	08/28/22 04:28	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/23/22 15:02	08/28/22 04:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	08/23/22 15:02	08/28/22 04:28	1
1,4-Difluorobenzene (Surr)	99		70 - 130	08/23/22 15:02	08/28/22 04:28	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			08/29/22 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	624		50.0		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/17/22 14:23	08/18/22 03:02	1
Diesel Range Organics (Over C10-C28)	624		50.0		mg/Kg		08/17/22 14:23	08/18/22 03:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/22 14:23	08/18/22 03:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130	08/17/22 14:23	08/18/22 03:02	1
o-Terphenyl	114		70 - 130	08/17/22 14:23	08/18/22 03:02	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	113		4.95		mg/Kg			08/26/22 06:22	1

Client Sample ID: CS-1

Lab Sample ID: 890-2758-10

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:02	08/28/22 04:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:02	08/28/22 04:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:02	08/28/22 04:48	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/23/22 15:02	08/28/22 04:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:02	08/28/22 04:48	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/23/22 15:02	08/28/22 04:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	08/23/22 15:02	08/28/22 04:48	1
1,4-Difluorobenzene (Surr)	101		70 - 130	08/23/22 15:02	08/28/22 04:48	1

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Client Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: CS-1

Lab Sample ID: 890-2758-10

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/29/22 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/17/22 14:23	08/18/22 00:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/17/22 14:23	08/18/22 00:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/22 14:23	08/18/22 00:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130				08/17/22 14:23	08/18/22 00:55	1
o-Terphenyl	113		70 - 130				08/17/22 14:23	08/18/22 00:55	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	41.5		4.96		mg/Kg			08/26/22 06:30	1

Client Sample ID: CS-2

Lab Sample ID: 890-2758-11

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:02	08/28/22 06:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:02	08/28/22 06:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:02	08/28/22 06:38	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/23/22 15:02	08/28/22 06:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:02	08/28/22 06:38	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/23/22 15:02	08/28/22 06:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				08/23/22 15:02	08/28/22 06:38	1
1,4-Difluorobenzene (Surr)	103		70 - 130				08/23/22 15:02	08/28/22 06:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/29/22 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/17/22 14:23	08/18/22 01:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/17/22 14:23	08/18/22 01:16	1

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Client Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: CS-2

Lab Sample ID: 890-2758-11

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/17/22 14:23	08/18/22 01:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130				08/17/22 14:23	08/18/22 01:16	1
o-Terphenyl	113		70 - 130				08/17/22 14:23	08/18/22 01:16	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	76.1		4.98		mg/Kg			08/26/22 06:38	1

Client Sample ID: CS-3

Lab Sample ID: 890-2758-12

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/23/22 15:02	08/28/22 06:58	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/23/22 15:02	08/28/22 06:58	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/23/22 15:02	08/28/22 06:58	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/23/22 15:02	08/28/22 06:58	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/23/22 15:02	08/28/22 06:58	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/23/22 15:02	08/28/22 06:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				08/23/22 15:02	08/28/22 06:58	1
1,4-Difluorobenzene (Surr)	103		70 - 130				08/23/22 15:02	08/28/22 06:58	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/29/22 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/17/22 14:23	08/18/22 01:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/17/22 14:23	08/18/22 01:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/22 14:23	08/18/22 01:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	123		70 - 130				08/17/22 14:23	08/18/22 01:37	1
o-Terphenyl	118		70 - 130				08/17/22 14:23	08/18/22 01:37	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	40.7		4.99		mg/Kg			08/26/22 07:02	1

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Client Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: CS-4

Lab Sample ID: 890-2758-13

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:02	08/28/22 07:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:02	08/28/22 07:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:02	08/28/22 07:18	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/23/22 15:02	08/28/22 07:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:02	08/28/22 07:18	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/23/22 15:02	08/28/22 07:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	08/23/22 15:02	08/28/22 07:18	1
1,4-Difluorobenzene (Surr)	104		70 - 130	08/23/22 15:02	08/28/22 07:18	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/29/22 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	89.8		49.9		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/17/22 14:23	08/18/22 02:19	1
Diesel Range Organics (Over C10-C28)	89.8		49.9		mg/Kg		08/17/22 14:23	08/18/22 02:19	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/17/22 14:23	08/18/22 02:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	127		70 - 130	08/17/22 14:23	08/18/22 02:19	1
o-Terphenyl	119		70 - 130	08/17/22 14:23	08/18/22 02:19	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	80.7		4.98		mg/Kg			08/26/22 07:10	1

Client Sample ID: CS-5

Lab Sample ID: 890-2758-14

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:02	08/28/22 07:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:02	08/28/22 07:39	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:02	08/28/22 07:39	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/23/22 15:02	08/28/22 07:39	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:02	08/28/22 07:39	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/23/22 15:02	08/28/22 07:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	08/23/22 15:02	08/28/22 07:39	1
1,4-Difluorobenzene (Surr)	100		70 - 130	08/23/22 15:02	08/28/22 07:39	1

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Client Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: CS-5

Lab Sample ID: 890-2758-14

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/29/22 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	54.5		50.0		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/17/22 14:23	08/18/22 02:40	1
Diesel Range Organics (Over C10-C28)	54.5		50.0		mg/Kg		08/17/22 14:23	08/18/22 02:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/22 14:23	08/18/22 02:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	132	S1+	70 - 130				08/17/22 14:23	08/18/22 02:40	1
o-Terphenyl	123		70 - 130				08/17/22 14:23	08/18/22 02:40	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	108		5.00		mg/Kg			08/26/22 07:33	1

Client Sample ID: CS-6

Lab Sample ID: 890-2758-15

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/23/22 15:02	08/28/22 07:59	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/23/22 15:02	08/28/22 07:59	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/23/22 15:02	08/28/22 07:59	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/23/22 15:02	08/28/22 07:59	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/23/22 15:02	08/28/22 07:59	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/23/22 15:02	08/28/22 07:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				08/23/22 15:02	08/28/22 07:59	1
1,4-Difluorobenzene (Surr)	106		70 - 130				08/23/22 15:02	08/28/22 07:59	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/29/22 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	385		50.0		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/18/22 09:11	08/18/22 14:18	1
Diesel Range Organics (Over C10-C28)	385	*1	50.0		mg/Kg		08/18/22 09:11	08/18/22 14:18	1

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Client Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: CS-6

Lab Sample ID: 890-2758-15

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/18/22 09:11	08/18/22 14:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				08/18/22 09:11	08/18/22 14:18	1
o-Terphenyl	87		70 - 130				08/18/22 09:11	08/18/22 14:18	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	64.4		4.99		mg/Kg			08/26/22 07:41	1

Client Sample ID: CS-7

Lab Sample ID: 890-2758-16

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:02	08/28/22 08:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:02	08/28/22 08:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:02	08/28/22 08:20	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/23/22 15:02	08/28/22 08:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:02	08/28/22 08:20	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/23/22 15:02	08/28/22 08:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				08/23/22 15:02	08/28/22 08:20	1
1,4-Difluorobenzene (Surr)	106		70 - 130				08/23/22 15:02	08/28/22 08:20	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			08/29/22 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/18/22 09:11	08/18/22 14:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		08/18/22 09:11	08/18/22 14:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/18/22 09:11	08/18/22 14:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				08/18/22 09:11	08/18/22 14:40	1
o-Terphenyl	90		70 - 130				08/18/22 09:11	08/18/22 14:40	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	51.4		5.04		mg/Kg			08/26/22 07:49	1

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Client Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: CS-8

Lab Sample ID: 890-2758-17

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		08/23/22 15:02	08/28/22 08:40	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/23/22 15:02	08/28/22 08:40	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/23/22 15:02	08/28/22 08:40	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/23/22 15:02	08/28/22 08:40	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/23/22 15:02	08/28/22 08:40	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/23/22 15:02	08/28/22 08:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	08/23/22 15:02	08/28/22 08:40	1
1,4-Difluorobenzene (Surr)	99		70 - 130	08/23/22 15:02	08/28/22 08:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			08/29/22 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/18/22 09:11	08/18/22 15:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		08/18/22 09:11	08/18/22 15:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/18/22 09:11	08/18/22 15:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130	08/18/22 09:11	08/18/22 15:02	1
o-Terphenyl	101		70 - 130	08/18/22 09:11	08/18/22 15:02	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	41.8		4.97		mg/Kg			08/26/22 07:57	1

Client Sample ID: CS-9

Lab Sample ID: 890-2758-18

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:02	08/28/22 09:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:02	08/28/22 09:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:02	08/28/22 09:01	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/23/22 15:02	08/28/22 09:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:02	08/28/22 09:01	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/23/22 15:02	08/28/22 09:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	08/23/22 15:02	08/28/22 09:01	1
1,4-Difluorobenzene (Surr)	107		70 - 130	08/23/22 15:02	08/28/22 09:01	1

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Client Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: CS-9

Lab Sample ID: 890-2758-18

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/29/22 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	464		50.0		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/18/22 09:11	08/18/22 15:24	1
Diesel Range Organics (Over C10-C28)	464	*1	50.0		mg/Kg		08/18/22 09:11	08/18/22 15:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/18/22 09:11	08/18/22 15:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				08/18/22 09:11	08/18/22 15:24	1
o-Terphenyl	86		70 - 130				08/18/22 09:11	08/18/22 15:24	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	87.5		4.96		mg/Kg			08/26/22 08:05	1

Client Sample ID: CS-10

Lab Sample ID: 890-2758-19

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		08/23/22 15:02	08/28/22 09:21	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/23/22 15:02	08/28/22 09:21	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/23/22 15:02	08/28/22 09:21	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		08/23/22 15:02	08/28/22 09:21	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/23/22 15:02	08/28/22 09:21	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/23/22 15:02	08/28/22 09:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				08/23/22 15:02	08/28/22 09:21	1
1,4-Difluorobenzene (Surr)	107		70 - 130				08/23/22 15:02	08/28/22 09:21	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			08/29/22 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	286		49.9		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/18/22 09:11	08/18/22 15:46	1
Diesel Range Organics (Over C10-C28)	286	*1	49.9		mg/Kg		08/18/22 09:11	08/18/22 15:46	1

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Client Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: CS-10

Lab Sample ID: 890-2758-19

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/18/22 09:11	08/18/22 15:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				08/18/22 09:11	08/18/22 15:46	1
o-Terphenyl	83		70 - 130				08/18/22 09:11	08/18/22 15:46	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	94.6		4.95		mg/Kg			08/26/22 08:12	1

Client Sample ID: CS-11

Lab Sample ID: 890-2758-20

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/23/22 15:02	08/28/22 09:42	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/23/22 15:02	08/28/22 09:42	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/23/22 15:02	08/28/22 09:42	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/23/22 15:02	08/28/22 09:42	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/23/22 15:02	08/28/22 09:42	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/23/22 15:02	08/28/22 09:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				08/23/22 15:02	08/28/22 09:42	1
1,4-Difluorobenzene (Surr)	109		70 - 130				08/23/22 15:02	08/28/22 09:42	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/29/22 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	447		49.9		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/18/22 09:11	08/18/22 16:58	1
Diesel Range Organics (Over C10-C28)	447	*1	49.9		mg/Kg		08/18/22 09:11	08/18/22 16:58	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/18/22 09:11	08/18/22 16:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				08/18/22 09:11	08/18/22 16:58	1
o-Terphenyl	90		70 - 130				08/18/22 09:11	08/18/22 16:58	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	99.7		5.04		mg/Kg			08/26/22 08:20	1

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Client Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: CS-12

Lab Sample ID: 890-2758-21

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1	0.00200		mg/Kg		08/23/22 15:06	08/28/22 01:41	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		08/23/22 15:06	08/28/22 01:41	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		08/23/22 15:06	08/28/22 01:41	1
m-Xylene & p-Xylene	<0.00401	U F1	0.00401		mg/Kg		08/23/22 15:06	08/28/22 01:41	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		08/23/22 15:06	08/28/22 01:41	1
Xylenes, Total	<0.00401	U F1	0.00401		mg/Kg		08/23/22 15:06	08/28/22 01:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	08/23/22 15:06	08/28/22 01:41	1
1,4-Difluorobenzene (Surr)	70		70 - 130	08/23/22 15:06	08/28/22 01:41	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			08/29/22 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	280		50.0		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/18/22 09:11	08/18/22 17:20	1
Diesel Range Organics (Over C10-C28)	280	*1	50.0		mg/Kg		08/18/22 09:11	08/18/22 17:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/18/22 09:11	08/18/22 17:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130	08/18/22 09:11	08/18/22 17:20	1
o-Terphenyl	89		70 - 130	08/18/22 09:11	08/18/22 17:20	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	49.1		4.96		mg/Kg			08/24/22 18:19	1

Client Sample ID: CS-13

Lab Sample ID: 890-2758-22

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/23/22 15:06	08/28/22 02:02	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/23/22 15:06	08/28/22 02:02	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/23/22 15:06	08/28/22 02:02	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/23/22 15:06	08/28/22 02:02	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/23/22 15:06	08/28/22 02:02	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/23/22 15:06	08/28/22 02:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	08/23/22 15:06	08/28/22 02:02	1
1,4-Difluorobenzene (Surr)	93		70 - 130	08/23/22 15:06	08/28/22 02:02	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: CS-13

Lab Sample ID: 890-2758-22

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/29/22 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	324		49.9		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/18/22 09:11	08/18/22 17:41	1
Diesel Range Organics (Over C10-C28)	324	*1	49.9		mg/Kg		08/18/22 09:11	08/18/22 17:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/18/22 09:11	08/18/22 17:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				08/18/22 09:11	08/18/22 17:41	1
o-Terphenyl	88		70 - 130				08/18/22 09:11	08/18/22 17:41	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	75.2		5.00		mg/Kg			08/24/22 18:46	1

Client Sample ID: CS-14

Lab Sample ID: 890-2758-23

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:06	08/28/22 02:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:06	08/28/22 02:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:06	08/28/22 02:22	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/23/22 15:06	08/28/22 02:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:06	08/28/22 02:22	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/23/22 15:06	08/28/22 02:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130				08/23/22 15:06	08/28/22 02:22	1
1,4-Difluorobenzene (Surr)	76		70 - 130				08/23/22 15:06	08/28/22 02:22	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/29/22 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	574		49.9		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/18/22 09:11	08/18/22 18:03	1
Diesel Range Organics (Over C10-C28)	574	*1	49.9		mg/Kg		08/18/22 09:11	08/18/22 18:03	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: CS-14

Lab Sample ID: 890-2758-23

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/18/22 09:11	08/18/22 18:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				08/18/22 09:11	08/18/22 18:03	1
o-Terphenyl	102		70 - 130				08/18/22 09:11	08/18/22 18:03	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	72.9		4.98		mg/Kg			08/24/22 18:55	1

Client Sample ID: CS-15

Lab Sample ID: 890-2758-24

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:06	08/28/22 02:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:06	08/28/22 02:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:06	08/28/22 02:42	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/23/22 15:06	08/28/22 02:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:06	08/28/22 02:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/23/22 15:06	08/28/22 02:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				08/23/22 15:06	08/28/22 02:42	1
1,4-Difluorobenzene (Surr)	78		70 - 130				08/23/22 15:06	08/28/22 02:42	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/29/22 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	461		50.0		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/18/22 09:11	08/18/22 18:25	1
Diesel Range Organics (Over C10-C28)	461	*1	50.0		mg/Kg		08/18/22 09:11	08/18/22 18:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/18/22 09:11	08/18/22 18:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				08/18/22 09:11	08/18/22 18:25	1
o-Terphenyl	92		70 - 130				08/18/22 09:11	08/18/22 18:25	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	140		4.97		mg/Kg			08/24/22 19:05	1

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Client Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: CS-16

Lab Sample ID: 890-2758-25

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/23/22 15:06	08/28/22 03:03	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/23/22 15:06	08/28/22 03:03	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/23/22 15:06	08/28/22 03:03	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/23/22 15:06	08/28/22 03:03	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/23/22 15:06	08/28/22 03:03	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/23/22 15:06	08/28/22 03:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	08/23/22 15:06	08/28/22 03:03	1
1,4-Difluorobenzene (Surr)	87		70 - 130	08/23/22 15:06	08/28/22 03:03	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/29/22 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	573		49.9		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/17/22 14:23	08/18/22 03:23	1
Diesel Range Organics (Over C10-C28)	573		49.9		mg/Kg		08/17/22 14:23	08/18/22 03:23	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/17/22 14:23	08/18/22 03:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130	08/17/22 14:23	08/18/22 03:23	1
o-Terphenyl	117		70 - 130	08/17/22 14:23	08/18/22 03:23	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	160		5.02		mg/Kg			08/24/22 19:14	1

Client Sample ID: CS-17

Lab Sample ID: 890-2758-26

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:06	08/28/22 03:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:06	08/28/22 03:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:06	08/28/22 03:23	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/23/22 15:06	08/28/22 03:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:06	08/28/22 03:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/23/22 15:06	08/28/22 03:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	08/23/22 15:06	08/28/22 03:23	1
1,4-Difluorobenzene (Surr)	75		70 - 130	08/23/22 15:06	08/28/22 03:23	1

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Client Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: CS-17

Lab Sample ID: 890-2758-26

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/29/22 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	730		49.9		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/17/22 14:23	08/18/22 03:44	1
Diesel Range Organics (Over C10-C28)	730		49.9		mg/Kg		08/17/22 14:23	08/18/22 03:44	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/17/22 14:23	08/18/22 03:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130				08/17/22 14:23	08/18/22 03:44	1
o-Terphenyl	113		70 - 130				08/17/22 14:23	08/18/22 03:44	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	85.3		4.99		mg/Kg			08/24/22 19:42	1

Client Sample ID: CS-18

Lab Sample ID: 890-2758-27

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:06	08/28/22 03:44	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:06	08/28/22 03:44	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:06	08/28/22 03:44	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/23/22 15:06	08/28/22 03:44	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:06	08/28/22 03:44	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/23/22 15:06	08/28/22 03:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				08/23/22 15:06	08/28/22 03:44	1
1,4-Difluorobenzene (Surr)	94		70 - 130				08/23/22 15:06	08/28/22 03:44	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/29/22 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	265		50.0		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/17/22 14:23	08/18/22 04:05	1
Diesel Range Organics (Over C10-C28)	265		50.0		mg/Kg		08/17/22 14:23	08/18/22 04:05	1

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Client Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: CS-18

Lab Sample ID: 890-2758-27

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/22 14:23	08/18/22 04:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130				08/17/22 14:23	08/18/22 04:05	1
o-Terphenyl	115		70 - 130				08/17/22 14:23	08/18/22 04:05	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	63.0		4.95		mg/Kg			08/24/22 20:47	1

Client Sample ID: CS-19

Lab Sample ID: 890-2758-28

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:06	08/28/22 04:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:06	08/28/22 04:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:06	08/28/22 04:04	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/23/22 15:06	08/28/22 04:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:06	08/28/22 04:04	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/23/22 15:06	08/28/22 04:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	138	S1+	70 - 130				08/23/22 15:06	08/28/22 04:04	1
1,4-Difluorobenzene (Surr)	83		70 - 130				08/23/22 15:06	08/28/22 04:04	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			08/29/22 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	516		50.0		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/17/22 14:23	08/18/22 04:26	1
Diesel Range Organics (Over C10-C28)	516		50.0		mg/Kg		08/17/22 14:23	08/18/22 04:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/22 14:23	08/18/22 04:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130				08/17/22 14:23	08/18/22 04:26	1
o-Terphenyl	118		70 - 130				08/17/22 14:23	08/18/22 04:26	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	65.0		5.05		mg/Kg			08/24/22 20:56	1

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Client Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: CS-20

Lab Sample ID: 890-2758-29

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:06	08/28/22 04:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:06	08/28/22 04:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:06	08/28/22 04:24	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/23/22 15:06	08/28/22 04:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:06	08/28/22 04:24	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/23/22 15:06	08/28/22 04:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	08/23/22 15:06	08/28/22 04:24	1
1,4-Difluorobenzene (Surr)	81		70 - 130	08/23/22 15:06	08/28/22 04:24	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/29/22 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	384		50.0		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/17/22 14:23	08/18/22 04:47	1
Diesel Range Organics (Over C10-C28)	384		50.0		mg/Kg		08/17/22 14:23	08/18/22 04:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/22 14:23	08/18/22 04:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130	08/17/22 14:23	08/18/22 04:47	1
o-Terphenyl	108		70 - 130	08/17/22 14:23	08/18/22 04:47	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	144		4.95		mg/Kg			08/24/22 21:05	1

Client Sample ID: CS-21

Lab Sample ID: 890-2758-30

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/23/22 15:06	08/28/22 04:45	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/23/22 15:06	08/28/22 04:45	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/23/22 15:06	08/28/22 04:45	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/23/22 15:06	08/28/22 04:45	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/23/22 15:06	08/28/22 04:45	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/23/22 15:06	08/28/22 04:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	08/23/22 15:06	08/28/22 04:45	1
1,4-Difluorobenzene (Surr)	90		70 - 130	08/23/22 15:06	08/28/22 04:45	1

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Client Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: CS-21

Lab Sample ID: 890-2758-30

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/29/22 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	108		50.0		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/17/22 14:23	08/18/22 05:09	1
Diesel Range Organics (Over C10-C28)	108		50.0		mg/Kg		08/17/22 14:23	08/18/22 05:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/22 14:23	08/18/22 05:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	136	S1+	70 - 130				08/17/22 14:23	08/18/22 05:09	1
o-Terphenyl	132	S1+	70 - 130				08/17/22 14:23	08/18/22 05:09	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1300		4.96		mg/Kg			08/24/22 21:14	1

Client Sample ID: CS-22

Lab Sample ID: 890-2758-31

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		08/23/22 15:06	08/28/22 06:07	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/23/22 15:06	08/28/22 06:07	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/23/22 15:06	08/28/22 06:07	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/23/22 15:06	08/28/22 06:07	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/23/22 15:06	08/28/22 06:07	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/23/22 15:06	08/28/22 06:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				08/23/22 15:06	08/28/22 06:07	1
1,4-Difluorobenzene (Surr)	92		70 - 130				08/23/22 15:06	08/28/22 06:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			08/29/22 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	143		50.0		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/17/22 14:23	08/18/22 05:30	1
Diesel Range Organics (Over C10-C28)	143		50.0		mg/Kg		08/17/22 14:23	08/18/22 05:30	1

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Client Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: CS-22

Date Collected: 08/16/22 08:00

Date Received: 08/16/22 08:29

Lab Sample ID: 890-2758-31

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/22 14:23	08/18/22 05:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130				08/17/22 14:23	08/18/22 05:30	1
o-Terphenyl	118		70 - 130				08/17/22 14:23	08/18/22 05:30	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	43.8		5.00		mg/Kg			08/24/22 21:24	1

Client Sample ID: CS-23

Date Collected: 08/16/22 08:00

Date Received: 08/16/22 08:29

Lab Sample ID: 890-2758-32

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:06	08/28/22 06:28	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:06	08/28/22 06:28	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:06	08/28/22 06:28	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/23/22 15:06	08/28/22 06:28	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:06	08/28/22 06:28	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/23/22 15:06	08/28/22 06:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				08/23/22 15:06	08/28/22 06:28	1
1,4-Difluorobenzene (Surr)	80		70 - 130				08/23/22 15:06	08/28/22 06:28	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/29/22 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	299		49.9		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/18/22 09:11	08/18/22 18:47	1
Diesel Range Organics (Over C10-C28)	299	*1	49.9		mg/Kg		08/18/22 09:11	08/18/22 18:47	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/18/22 09:11	08/18/22 18:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				08/18/22 09:11	08/18/22 18:47	1
o-Terphenyl	95		70 - 130				08/18/22 09:11	08/18/22 18:47	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	60.2		4.97		mg/Kg			08/24/22 21:51	1

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Client Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: CS-24

Lab Sample ID: 890-2758-33

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:06	08/28/22 06:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:06	08/28/22 06:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:06	08/28/22 06:48	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/23/22 15:06	08/28/22 06:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:06	08/28/22 06:48	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/23/22 15:06	08/28/22 06:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	08/23/22 15:06	08/28/22 06:48	1
1,4-Difluorobenzene (Surr)	93		70 - 130	08/23/22 15:06	08/28/22 06:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/29/22 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	354		49.8		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/18/22 09:11	08/18/22 19:09	1
Diesel Range Organics (Over C10-C28)	354	*1	49.8		mg/Kg		08/18/22 09:11	08/18/22 19:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/18/22 09:11	08/18/22 19:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	08/18/22 09:11	08/18/22 19:09	1
o-Terphenyl	93		70 - 130	08/18/22 09:11	08/18/22 19:09	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	43.0		5.05		mg/Kg			08/24/22 22:01	1

Client Sample ID: CS-25

Lab Sample ID: 890-2758-34

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:06	08/28/22 12:33	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:06	08/28/22 12:33	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:06	08/28/22 12:33	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/23/22 15:06	08/28/22 12:33	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:06	08/28/22 12:33	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/23/22 15:06	08/28/22 12:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	08/23/22 15:06	08/28/22 12:33	1
1,4-Difluorobenzene (Surr)	85		70 - 130	08/23/22 15:06	08/28/22 12:33	1

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Client Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: CS-25

Lab Sample ID: 890-2758-34

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/29/22 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	500		50.0		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/18/22 09:11	08/18/22 19:31	1
Diesel Range Organics (Over C10-C28)	500	*1	50.0		mg/Kg		08/18/22 09:11	08/18/22 19:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/18/22 09:11	08/18/22 19:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	130		70 - 130				08/18/22 09:11	08/18/22 19:31	1
o-Terphenyl	106		70 - 130				08/18/22 09:11	08/18/22 19:31	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	110		4.96		mg/Kg			08/24/22 22:28	1

Client Sample ID: CS-26

Lab Sample ID: 890-2758-35

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/23/22 15:06	08/28/22 12:53	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/23/22 15:06	08/28/22 12:53	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/23/22 15:06	08/28/22 12:53	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/23/22 15:06	08/28/22 12:53	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/23/22 15:06	08/28/22 12:53	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/23/22 15:06	08/28/22 12:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				08/23/22 15:06	08/28/22 12:53	1
1,4-Difluorobenzene (Surr)	96		70 - 130				08/23/22 15:06	08/28/22 12:53	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/29/22 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	267		50.0		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/18/22 09:11	08/18/22 19:53	1
Diesel Range Organics (Over C10-C28)	267	*1	50.0		mg/Kg		08/18/22 09:11	08/18/22 19:53	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: CS-26

Lab Sample ID: 890-2758-35

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/18/22 09:11	08/18/22 19:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				08/18/22 09:11	08/18/22 19:53	1
o-Terphenyl	98		70 - 130				08/18/22 09:11	08/18/22 19:53	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	336		5.05		mg/Kg			08/24/22 22:38	1

Client Sample ID: CS-27

Lab Sample ID: 890-2758-36

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:06	08/28/22 14:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:06	08/28/22 14:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:06	08/28/22 14:05	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/23/22 15:06	08/28/22 14:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:06	08/28/22 14:05	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/23/22 15:06	08/28/22 14:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				08/23/22 15:06	08/28/22 14:05	1
1,4-Difluorobenzene (Surr)	89		70 - 130				08/23/22 15:06	08/28/22 14:05	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/29/22 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	534		49.9		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/18/22 09:11	08/18/22 20:15	1
Diesel Range Organics (Over C10-C28)	534	*1	49.9		mg/Kg		08/18/22 09:11	08/18/22 20:15	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/18/22 09:11	08/18/22 20:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				08/18/22 09:11	08/18/22 20:15	1
o-Terphenyl	88		70 - 130				08/18/22 09:11	08/18/22 20:15	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	76.7		4.97		mg/Kg			08/24/22 22:47	1

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Client Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: CS-28

Lab Sample ID: 890-2758-37

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:06	08/28/22 14:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:06	08/28/22 14:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:06	08/28/22 14:25	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/23/22 15:06	08/28/22 14:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:06	08/28/22 14:25	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/23/22 15:06	08/28/22 14:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	08/23/22 15:06	08/28/22 14:25	1
1,4-Difluorobenzene (Surr)	84		70 - 130	08/23/22 15:06	08/28/22 14:25	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			08/29/22 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	238		49.8		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/18/22 09:14	08/18/22 13:34	1
Diesel Range Organics (Over C10-C28)	238		49.8		mg/Kg		08/18/22 09:14	08/18/22 13:34	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/18/22 09:14	08/18/22 13:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130	08/18/22 09:14	08/18/22 13:34	1
o-Terphenyl	80		70 - 130	08/18/22 09:14	08/18/22 13:34	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	38.1		4.97		mg/Kg			08/24/22 22:56	1

Client Sample ID: CS-29

Lab Sample ID: 890-2758-38

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:06	08/28/22 14:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:06	08/28/22 14:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:06	08/28/22 14:46	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/23/22 15:06	08/28/22 14:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:06	08/28/22 14:46	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/23/22 15:06	08/28/22 14:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	08/23/22 15:06	08/28/22 14:46	1
1,4-Difluorobenzene (Surr)	98		70 - 130	08/23/22 15:06	08/28/22 14:46	1

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Client Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: CS-29

Lab Sample ID: 890-2758-38

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/29/22 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	186		50.0		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/18/22 09:14	08/18/22 13:56	1
Diesel Range Organics (Over C10-C28)	186		50.0		mg/Kg		08/18/22 09:14	08/18/22 13:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/18/22 09:14	08/18/22 13:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130				08/18/22 09:14	08/18/22 13:56	1
o-Terphenyl	64	S1-	70 - 130				08/18/22 09:14	08/18/22 13:56	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	65.1		4.96		mg/Kg			08/24/22 23:05	1

Client Sample ID: CS-30

Lab Sample ID: 890-2758-39

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:06	08/28/22 15:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:06	08/28/22 15:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:06	08/28/22 15:06	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/23/22 15:06	08/28/22 15:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:06	08/28/22 15:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/23/22 15:06	08/28/22 15:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				08/23/22 15:06	08/28/22 15:06	1
1,4-Difluorobenzene (Surr)	99		70 - 130				08/23/22 15:06	08/28/22 15:06	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/29/22 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	188		50.0		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/18/22 09:14	08/18/22 14:18	1
Diesel Range Organics (Over C10-C28)	188		50.0		mg/Kg		08/18/22 09:14	08/18/22 14:18	1

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Client Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: CS-30

Lab Sample ID: 890-2758-39

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/18/22 09:14	08/18/22 14:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				08/18/22 09:14	08/18/22 14:18	1
o-Terphenyl	83		70 - 130				08/18/22 09:14	08/18/22 14:18	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	19.3		5.00		mg/Kg			08/24/22 23:14	1

Client Sample ID: CS-31

Lab Sample ID: 890-2758-40

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:06	08/28/22 15:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:06	08/28/22 15:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:06	08/28/22 15:27	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/23/22 15:06	08/28/22 15:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:06	08/28/22 15:27	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/23/22 15:06	08/28/22 15:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				08/23/22 15:06	08/28/22 15:27	1
1,4-Difluorobenzene (Surr)	96		70 - 130				08/23/22 15:06	08/28/22 15:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/29/22 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	265		50.0		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/18/22 09:14	08/18/22 14:40	1
Diesel Range Organics (Over C10-C28)	265		50.0		mg/Kg		08/18/22 09:14	08/18/22 14:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/18/22 09:14	08/18/22 14:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				08/18/22 09:14	08/18/22 14:40	1
o-Terphenyl	77		70 - 130				08/18/22 09:14	08/18/22 14:40	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.7		5.00		mg/Kg			08/24/22 23:24	1

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Client Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: CS-32

Lab Sample ID: 890-2758-41

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/23/22 15:12	08/27/22 09:41	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/23/22 15:12	08/27/22 09:41	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/23/22 15:12	08/27/22 09:41	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/23/22 15:12	08/27/22 09:41	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/23/22 15:12	08/27/22 09:41	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/23/22 15:12	08/27/22 09:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	08/23/22 15:12	08/27/22 09:41	1
1,4-Difluorobenzene (Surr)	87		70 - 130	08/23/22 15:12	08/27/22 09:41	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/29/22 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/18/22 09:14	08/18/22 15:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/18/22 09:14	08/18/22 15:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/18/22 09:14	08/18/22 15:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130	08/18/22 09:14	08/18/22 15:02	1
o-Terphenyl	71		70 - 130	08/18/22 09:14	08/18/22 15:02	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	51.0	F1 F2	5.00		mg/Kg			08/25/22 02:07	1

Client Sample ID: CS-33

Lab Sample ID: 890-2758-42

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		08/23/22 15:12	08/27/22 10:07	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/23/22 15:12	08/27/22 10:07	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/23/22 15:12	08/27/22 10:07	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		08/23/22 15:12	08/27/22 10:07	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/23/22 15:12	08/27/22 10:07	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/23/22 15:12	08/27/22 10:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	08/23/22 15:12	08/27/22 10:07	1
1,4-Difluorobenzene (Surr)	99		70 - 130	08/23/22 15:12	08/27/22 10:07	1

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Client Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: CS-33

Lab Sample ID: 890-2758-42

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			08/29/22 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	160		50.0		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/18/22 09:14	08/18/22 15:24	1
Diesel Range Organics (Over C10-C28)	160		50.0		mg/Kg		08/18/22 09:14	08/18/22 15:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/18/22 09:14	08/18/22 15:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	65	S1-	70 - 130				08/18/22 09:14	08/18/22 15:24	1
o-Terphenyl	62	S1-	70 - 130				08/18/22 09:14	08/18/22 15:24	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	112		5.01		mg/Kg			08/25/22 02:30	1

Client Sample ID: CS-34

Lab Sample ID: 890-2758-43

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:12	08/27/22 10:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:12	08/27/22 10:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:12	08/27/22 10:32	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/23/22 15:12	08/27/22 10:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:12	08/27/22 10:32	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/23/22 15:12	08/27/22 10:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				08/23/22 15:12	08/27/22 10:32	1
1,4-Difluorobenzene (Surr)	102		70 - 130				08/23/22 15:12	08/27/22 10:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/29/22 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	182		49.9		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/18/22 09:14	08/18/22 15:46	1
Diesel Range Organics (Over C10-C28)	182		49.9		mg/Kg		08/18/22 09:14	08/18/22 15:46	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: CS-34

Lab Sample ID: 890-2758-43

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/18/22 09:14	08/18/22 15:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	57	S1-	70 - 130				08/18/22 09:14	08/18/22 15:46	1
o-Terphenyl	55	S1-	70 - 130				08/18/22 09:14	08/18/22 15:46	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	68.6		4.99		mg/Kg			08/25/22 02:38	1

Client Sample ID: CS-35

Lab Sample ID: 890-2758-44

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:12	08/27/22 10:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:12	08/27/22 10:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:12	08/27/22 10:58	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/23/22 15:12	08/27/22 10:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:12	08/27/22 10:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/23/22 15:12	08/27/22 10:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				08/23/22 15:12	08/27/22 10:58	1
1,4-Difluorobenzene (Surr)	87		70 - 130				08/23/22 15:12	08/27/22 10:58	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/29/22 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	136		49.9		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/18/22 09:14	08/18/22 16:58	1
Diesel Range Organics (Over C10-C28)	136		49.9		mg/Kg		08/18/22 09:14	08/18/22 16:58	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/18/22 09:14	08/18/22 16:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130				08/18/22 09:14	08/18/22 16:58	1
o-Terphenyl	69	S1-	70 - 130				08/18/22 09:14	08/18/22 16:58	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	68.5		4.95		mg/Kg			08/25/22 02:46	1

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Client Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: CS-36

Lab Sample ID: 890-2758-45

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/23/22 15:12	08/27/22 11:23	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/23/22 15:12	08/27/22 11:23	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/23/22 15:12	08/27/22 11:23	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/23/22 15:12	08/27/22 11:23	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/23/22 15:12	08/27/22 11:23	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/23/22 15:12	08/27/22 11:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130	08/23/22 15:12	08/27/22 11:23	1
1,4-Difluorobenzene (Surr)	94		70 - 130	08/23/22 15:12	08/27/22 11:23	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/29/22 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	500		49.9		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/18/22 09:14	08/18/22 17:20	1
Diesel Range Organics (Over C10-C28)	417		49.9		mg/Kg		08/18/22 09:14	08/18/22 17:20	1
Oil Range Organics (Over C28-C36)	82.7		49.9		mg/Kg		08/18/22 09:14	08/18/22 17:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130	08/18/22 09:14	08/18/22 17:20	1
o-Terphenyl	76		70 - 130	08/18/22 09:14	08/18/22 17:20	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	90.8		5.00		mg/Kg			08/25/22 02:54	1

Client Sample ID: CS-37

Lab Sample ID: 890-2758-46

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:12	08/27/22 11:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:12	08/27/22 11:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:12	08/27/22 11:50	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/23/22 15:12	08/27/22 11:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:12	08/27/22 11:50	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/23/22 15:12	08/27/22 11:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	08/23/22 15:12	08/27/22 11:50	1
1,4-Difluorobenzene (Surr)	96		70 - 130	08/23/22 15:12	08/27/22 11:50	1

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Client Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: CS-37

Lab Sample ID: 890-2758-46

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/29/22 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1450		50.0		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/18/22 09:14	08/18/22 17:41	1
Diesel Range Organics (Over C10-C28)	1220		50.0		mg/Kg		08/18/22 09:14	08/18/22 17:41	1
Oil Range Organics (Over C28-C36)	232		50.0		mg/Kg		08/18/22 09:14	08/18/22 17:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				08/18/22 09:14	08/18/22 17:41	1
o-Terphenyl	72		70 - 130				08/18/22 09:14	08/18/22 17:41	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	80.4		4.97		mg/Kg			08/25/22 03:18	1

Client Sample ID: CS-38

Lab Sample ID: 890-2758-47

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Sample Depth: 7'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		08/23/22 15:12	08/27/22 12:16	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/23/22 15:12	08/27/22 12:16	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/23/22 15:12	08/27/22 12:16	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		08/23/22 15:12	08/27/22 12:16	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/23/22 15:12	08/27/22 12:16	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/23/22 15:12	08/27/22 12:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				08/23/22 15:12	08/27/22 12:16	1
1,4-Difluorobenzene (Surr)	83		70 - 130				08/23/22 15:12	08/27/22 12:16	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			08/29/22 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1060		49.9		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/18/22 09:14	08/18/22 18:03	1

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Client Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: CS-38

Lab Sample ID: 890-2758-47

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Sample Depth: 7'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	902		49.9		mg/Kg		08/18/22 09:14	08/18/22 18:03	1
Oil Range Organics (Over C28-C36)	160		49.9		mg/Kg		08/18/22 09:14	08/18/22 18:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	66	S1-	70 - 130	08/18/22 09:14	08/18/22 18:03	1
o-Terphenyl	63	S1-	70 - 130	08/18/22 09:14	08/18/22 18:03	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	55.5		4.95		mg/Kg			08/25/22 03:25	1

Client Sample ID: CS-39

Lab Sample ID: 890-2758-48

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:12	08/27/22 12:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:12	08/27/22 12:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:12	08/27/22 12:42	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/23/22 15:12	08/27/22 12:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:12	08/27/22 12:42	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/23/22 15:12	08/27/22 12:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	08/23/22 15:12	08/27/22 12:42	1
1,4-Difluorobenzene (Surr)	86		70 - 130	08/23/22 15:12	08/27/22 12:42	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/29/22 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	50.6		50.0		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/18/22 09:14	08/18/22 18:25	1
Diesel Range Organics (Over C10-C28)	50.6		50.0		mg/Kg		08/18/22 09:14	08/18/22 18:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/18/22 09:14	08/18/22 18:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130	08/18/22 09:14	08/18/22 18:25	1
o-Terphenyl	68	S1-	70 - 130	08/18/22 09:14	08/18/22 18:25	1

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Client Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: CS-39

Lab Sample ID: 890-2758-48

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	43.2		5.05		mg/Kg			08/25/22 03:33	1

Client Sample ID: CS-40

Lab Sample ID: 890-2758-49

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:12	08/27/22 13:08	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:12	08/27/22 13:08	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:12	08/27/22 13:08	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/23/22 15:12	08/27/22 13:08	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:12	08/27/22 13:08	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/23/22 15:12	08/27/22 13:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	142	S1+	70 - 130	08/23/22 15:12	08/27/22 13:08	1
1,4-Difluorobenzene (Surr)	93		70 - 130	08/23/22 15:12	08/27/22 13:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/29/22 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/18/22 09:14	08/18/22 18:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/18/22 09:14	08/18/22 18:47	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/18/22 09:14	08/18/22 18:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130	08/18/22 09:14	08/18/22 18:47	1
o-Terphenyl	68	S1-	70 - 130	08/18/22 09:14	08/18/22 18:47	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	87.2		5.00		mg/Kg			08/25/22 03:41	1

Client Sample ID: CS-41

Lab Sample ID: 890-2758-50

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:12	08/27/22 13:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:12	08/27/22 13:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:12	08/27/22 13:34	1

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Client Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: CS-41

Lab Sample ID: 890-2758-50

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/23/22 15:12	08/27/22 13:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:12	08/27/22 13:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/23/22 15:12	08/27/22 13:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				08/23/22 15:12	08/27/22 13:34	1
1,4-Difluorobenzene (Surr)	100		70 - 130				08/23/22 15:12	08/27/22 13:34	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/29/22 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	110		49.9		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/18/22 09:14	08/18/22 19:09	1
Diesel Range Organics (Over C10-C28)	110		49.9		mg/Kg		08/18/22 09:14	08/18/22 19:09	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/18/22 09:14	08/18/22 19:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	63	S1-	70 - 130				08/18/22 09:14	08/18/22 19:09	1
o-Terphenyl	61	S1-	70 - 130				08/18/22 09:14	08/18/22 19:09	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	56.5		4.96		mg/Kg			08/25/22 03:49	1

Client Sample ID: CS-42

Lab Sample ID: 890-2758-51

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:12	08/27/22 15:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:12	08/27/22 15:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:12	08/27/22 15:16	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/23/22 15:12	08/27/22 15:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:12	08/27/22 15:16	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/23/22 15:12	08/27/22 15:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130				08/23/22 15:12	08/27/22 15:16	1
1,4-Difluorobenzene (Surr)	93		70 - 130				08/23/22 15:12	08/27/22 15:16	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			08/29/22 13:26	1

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Client Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: CS-42

Lab Sample ID: 890-2758-51

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/18/22 09:14	08/18/22 19:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/18/22 09:14	08/18/22 19:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/18/22 09:14	08/18/22 19:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130				08/18/22 09:14	08/18/22 19:31	1
o-Terphenyl	75		70 - 130				08/18/22 09:14	08/18/22 19:31	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	71.0		4.97		mg/Kg			08/25/22 03:57	1

Client Sample ID: CS-43

Lab Sample ID: 890-2758-52

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/23/22 15:12	08/27/22 15:49	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/23/22 15:12	08/27/22 15:49	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/23/22 15:12	08/27/22 15:49	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/23/22 15:12	08/27/22 15:49	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/23/22 15:12	08/27/22 15:49	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/23/22 15:12	08/27/22 15:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				08/23/22 15:12	08/27/22 15:49	1
1,4-Difluorobenzene (Surr)	103		70 - 130				08/23/22 15:12	08/27/22 15:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/29/22 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	162		49.8		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/18/22 09:14	08/18/22 19:53	1
Diesel Range Organics (Over C10-C28)	162		49.8		mg/Kg		08/18/22 09:14	08/18/22 19:53	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/18/22 09:14	08/18/22 19:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				08/18/22 09:14	08/18/22 19:53	1

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Client Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: CS-43

Lab Sample ID: 890-2758-52

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	81		70 - 130	08/18/22 09:14	08/18/22 19:53	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1090		4.95		mg/Kg			08/25/22 04:20	1

Client Sample ID: CS-44

Lab Sample ID: 890-2758-53

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:12	08/27/22 16:14	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:12	08/27/22 16:14	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:12	08/27/22 16:14	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/23/22 15:12	08/27/22 16:14	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:12	08/27/22 16:14	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/23/22 15:12	08/27/22 16:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130				08/23/22 15:12	08/27/22 16:14	1
1,4-Difluorobenzene (Surr)	106		70 - 130				08/23/22 15:12	08/27/22 16:14	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/29/22 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/18/22 09:14	08/18/22 20:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/18/22 09:14	08/18/22 20:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/18/22 09:14	08/18/22 20:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				08/18/22 09:14	08/18/22 20:15	1
o-Terphenyl	82		70 - 130				08/18/22 09:14	08/18/22 20:15	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	56.2		5.05		mg/Kg			08/25/22 04:28	1

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Client Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: CS-38

Lab Sample ID: 890-2758-54

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Sample Depth: 7.5'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:12	08/27/22 16:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:12	08/27/22 16:39	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:12	08/27/22 16:39	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/23/22 15:12	08/27/22 16:39	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/23/22 15:12	08/27/22 16:39	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/23/22 15:12	08/27/22 16:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130	08/23/22 15:12	08/27/22 16:39	1
1,4-Difluorobenzene (Surr)	102		70 - 130	08/23/22 15:12	08/27/22 16:39	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/29/22 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/18/22 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		08/19/22 13:54	08/19/22 22:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/19/22 13:54	08/19/22 22:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/19/22 13:54	08/19/22 22:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	65	S1-	70 - 130	08/19/22 13:54	08/19/22 22:43	1
o-Terphenyl	63	S1-	70 - 130	08/19/22 13:54	08/19/22 22:43	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	50.9		5.01		mg/Kg			08/25/22 04:52	1

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Surrogate Summary

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
890-2758-1	SW-1	96	102
890-2758-1 MS	SW-1	102	100
890-2758-1 MSD	SW-1	103	98
890-2758-2	SW-2	91	99
890-2758-3	SW-3	94	96
890-2758-4	SW-4	100	100
890-2758-5	SW-5	98	101
890-2758-6	SW-6	100	99
890-2758-7	SW-7	98	102
890-2758-8	SW-8	100	99
890-2758-9	SW-9	95	99
890-2758-10	CS-1	103	101
890-2758-11	CS-2	94	103
890-2758-12	CS-3	95	103
890-2758-13	CS-4	95	104
890-2758-14	CS-5	92	100
890-2758-15	CS-6	94	106
890-2758-16	CS-7	92	106
890-2758-17	CS-8	93	99
890-2758-18	CS-9	90	107
890-2758-19	CS-10	95	107
890-2758-20	CS-11	100	109
890-2758-21	CS-12	95	70
890-2758-21 MS	CS-12	153 S1+	99
890-2758-21 MSD	CS-12	122	107
890-2758-22	CS-13	113	93
890-2758-23	CS-14	132 S1+	76
890-2758-24	CS-15	103	78
890-2758-25	CS-16	107	87
890-2758-26	CS-17	96	75
890-2758-27	CS-18	111	94
890-2758-28	CS-19	138 S1+	83
890-2758-29	CS-20	118	81
890-2758-30	CS-21	110	90
890-2758-31	CS-22	108	92
890-2758-32	CS-23	101	80
890-2758-33	CS-24	108	93
890-2758-34	CS-25	102	85
890-2758-35	CS-26	110	96
890-2758-36	CS-27	99	89
890-2758-37	CS-28	117	84
890-2758-38	CS-29	110	98
890-2758-39	CS-30	112	99
890-2758-40	CS-31	125	96
890-2758-41	CS-32	117	87
890-2758-41 MS	CS-32	116	96
890-2758-41 MSD	CS-32	109	100
890-2758-42	CS-33	117	99
890-2758-43	CS-34	125	102

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Surrogate Summary

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-2758-44	CS-35	109	87
890-2758-45	CS-36	130	94
890-2758-46	CS-37	137 S1+	96
890-2758-47	CS-38	125	83
890-2758-48	CS-39	119	86
890-2758-49	CS-40	142 S1+	93
890-2758-50	CS-41	131 S1+	100
890-2758-51	CS-42	127	93
890-2758-52	CS-43	126	103
890-2758-53	CS-44	132 S1+	106
890-2758-54	CS-38	127	102
LCS 880-32788/1-A	Lab Control Sample	96	99
LCS 880-32789/1-A	Lab Control Sample	126	109
LCS 880-32794/1-A	Lab Control Sample	121	98
LCSD 880-32788/2-A	Lab Control Sample Dup	94	102
LCSD 880-32789/2-A	Lab Control Sample Dup	121	99
LCSD 880-32794/2-A	Lab Control Sample Dup	116	102
MB 880-32570/5-A	Method Blank	84	81
MB 880-32788/5-A	Method Blank	75	119
MB 880-32789/5-A	Method Blank	99	87
MB 880-32794/5-A	Method Blank	86	86
MB 880-32936/5-A	Method Blank	101	93

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-2758-1	SW-1	146 S1+	133 S1+
890-2758-1 MS	SW-1	109	86
890-2758-1 MSD	SW-1	99	86
890-2758-2	SW-2	123	116
890-2758-3	SW-3	119	110
890-2758-4	SW-4	143 S1+	136 S1+
890-2758-5	SW-5	115	98
890-2758-6	SW-6	124	116
890-2758-7	SW-7	124	118
890-2758-8	SW-8	123	117
890-2758-9	SW-9	125	114
890-2758-10	CS-1	120	113
890-2758-11	CS-2	117	113
890-2758-12	CS-3	123	118
890-2758-13	CS-4	127	119
890-2758-14	CS-5	132 S1+	123
890-2758-15	CS-6	102	87
890-2758-16	CS-7	100	90

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Surrogate Summary

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-2758-17	CS-8	115	101
890-2758-18	CS-9	99	86
890-2758-19	CS-10	97	83
890-2758-20	CS-11	101	90
890-2758-21	CS-12	100	89
890-2758-22	CS-13	99	88
890-2758-23	CS-14	115	102
890-2758-24	CS-15	105	92
890-2758-25	CS-16	124	117
890-2758-26	CS-17	121	113
890-2758-27	CS-18	120	115
890-2758-28	CS-19	125	118
890-2758-29	CS-20	119	108
890-2758-30	CS-21	136 S1+	132 S1+
890-2758-31	CS-22	125	118
890-2758-32	CS-23	110	95
890-2758-33	CS-24	104	93
890-2758-34	CS-25	130	106
890-2758-35	CS-26	114	98
890-2758-36	CS-27	99	88
890-2758-37	CS-28	80	80
890-2758-38	CS-29	72	64 S1-
890-2758-39	CS-30	85	83
890-2758-40	CS-31	84	77
890-2758-41	CS-32	71	71
890-2758-42	CS-33	65 S1-	62 S1-
890-2758-43	CS-34	57 S1-	55 S1-
890-2758-44	CS-35	71	69 S1-
890-2758-45	CS-36	78	76
890-2758-46	CS-37	76	72
890-2758-47	CS-38	66 S1-	63 S1-
890-2758-48	CS-39	68 S1-	68 S1-
890-2758-49	CS-40	71	68 S1-
890-2758-50	CS-41	63 S1-	61 S1-
890-2758-51	CS-42	79	75
890-2758-52	CS-43	83	81
890-2758-53	CS-44	81	82
890-2758-54	CS-38	65 S1-	63 S1-
890-2760-A-1-G MS	Matrix Spike	100	91
890-2760-A-1-H MSD	Matrix Spike Duplicate	103	78
890-2760-A-4-E MS	Matrix Spike	69 S1-	61 S1-
890-2760-A-4-F MSD	Matrix Spike Duplicate	78	69 S1-
890-2762-A-21-C MS	Matrix Spike	64 S1-	56 S1-
890-2762-A-21-D MSD	Matrix Spike Duplicate	70	60 S1-
LCS 880-32365/2-A	Lab Control Sample	105	104
LCS 880-32394/2-A	Lab Control Sample	93	84
LCS 880-32395/2-A	Lab Control Sample	93	91
LCS 880-32517/2-A	Lab Control Sample	111	107
LCSD 880-32365/3-A	Lab Control Sample Dup	106	98
LCSD 880-32394/3-A	Lab Control Sample Dup	104	106

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Surrogate Summary

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)**Matrix: Solid****Prep Type: Total/NA**

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	1CO1	OTPH1
		(70-130)	(70-130)
LCSD 880-32395/3-A	Lab Control Sample Dup	95	92
LCSD 880-32517/3-A	Lab Control Sample Dup	108	101
MB 880-32365/1-A	Method Blank	114	116
MB 880-32394/1-A	Method Blank	98	90
MB 880-32395/1-A	Method Blank	75	77
MB 880-32517/1-A	Method Blank	78	79

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-32570/5-A

Matrix: Solid

Analysis Batch: 33042

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32570

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/20/22 16:19	08/26/22 19:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/20/22 16:19	08/26/22 19:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/20/22 16:19	08/26/22 19:52	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/20/22 16:19	08/26/22 19:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/20/22 16:19	08/26/22 19:52	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/20/22 16:19	08/26/22 19:52	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130	08/20/22 16:19	08/26/22 19:52	1
1,4-Difluorobenzene (Surr)	81		70 - 130	08/20/22 16:19	08/26/22 19:52	1

Lab Sample ID: MB 880-32788/5-A

Matrix: Solid

Analysis Batch: 33109

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32788

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:02	08/28/22 01:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:02	08/28/22 01:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:02	08/28/22 01:16	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/23/22 15:02	08/28/22 01:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:02	08/28/22 01:16	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/23/22 15:02	08/28/22 01:16	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	75		70 - 130	08/23/22 15:02	08/28/22 01:16	1
1,4-Difluorobenzene (Surr)	119		70 - 130	08/23/22 15:02	08/28/22 01:16	1

Lab Sample ID: LCS 880-32788/1-A

Matrix: Solid

Analysis Batch: 33109

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32788

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1036		mg/Kg		104	70 - 130
Toluene	0.100	0.1084		mg/Kg		108	70 - 130
Ethylbenzene	0.100	0.1078		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.1957		mg/Kg		98	70 - 130
o-Xylene	0.100	0.1023		mg/Kg		102	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-32788/2-A

Matrix: Solid

Analysis Batch: 33109

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32788

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1010		mg/Kg		101	70 - 130	3	35

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QC Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

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

Lab Sample ID: LCSD 880-32788/2-A

Matrix: Solid

Analysis Batch: 33109

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32788

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.1022		mg/Kg		102	70 - 130	6	35
Ethylbenzene	0.100	0.1001		mg/Kg		100	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.1832		mg/Kg		92	70 - 130	7	35
o-Xylene	0.100	0.09618		mg/Kg		96	70 - 130	6	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 890-2758-1 MS

Matrix: Solid

Analysis Batch: 33109

Client Sample ID: SW-1

Prep Type: Total/NA

Prep Batch: 32788

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U F1 F2	0.0998	0.08428		mg/Kg		84	70 - 130
Toluene	<0.00201	U F1 F2	0.0998	0.09301		mg/Kg		92	70 - 130
Ethylbenzene	<0.00201	U F1 F2	0.0998	0.09202		mg/Kg		92	70 - 130
m-Xylene & p-Xylene	<0.00402	U F1 F2	0.200	0.1692		mg/Kg		84	70 - 130
o-Xylene	<0.00201	U F1	0.0998	0.08826		mg/Kg		88	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 890-2758-1 MSD

Matrix: Solid

Analysis Batch: 33109

Client Sample ID: SW-1

Prep Type: Total/NA

Prep Batch: 32788

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U F1 F2	0.100	0.04809	F1 F2	mg/Kg		48	70 - 130	55	35
Toluene	<0.00201	U F1 F2	0.100	0.06014	F1 F2	mg/Kg		59	70 - 130	43	35
Ethylbenzene	<0.00201	U F1 F2	0.100	0.06014	F1 F2	mg/Kg		60	70 - 130	42	35
m-Xylene & p-Xylene	<0.00402	U F1 F2	0.201	0.1119	F1 F2	mg/Kg		55	70 - 130	41	35
o-Xylene	<0.00201	U F1	0.100	0.06242	F1	mg/Kg		62	70 - 130	34	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: MB 880-32789/5-A

Matrix: Solid

Analysis Batch: 33108

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32789

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:06	08/28/22 01:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:06	08/28/22 01:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:06	08/28/22 01:20	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/23/22 15:06	08/28/22 01:20	1

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QC Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

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

Lab Sample ID: MB 880-32789/5-A

Matrix: Solid

Analysis Batch: 33108

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32789

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:06	08/28/22 01:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/23/22 15:06	08/28/22 01:20	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	08/23/22 15:06	08/28/22 01:20	1
1,4-Difluorobenzene (Surr)	87		70 - 130	08/23/22 15:06	08/28/22 01:20	1

Lab Sample ID: LCS 880-32789/1-A

Matrix: Solid

Analysis Batch: 33108

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32789

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09680		mg/Kg		97	70 - 130
Toluene	0.100	0.08957		mg/Kg		90	70 - 130
Ethylbenzene	0.100	0.09525		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	0.200	0.1986		mg/Kg		99	70 - 130
o-Xylene	0.100	0.1154		mg/Kg		115	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	126		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: LCSD 880-32789/2-A

Matrix: Solid

Analysis Batch: 33108

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32789

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.08945		mg/Kg		89	70 - 130	8	35
Toluene	0.100	0.08407		mg/Kg		84	70 - 130	6	35
Ethylbenzene	0.100	0.09175		mg/Kg		92	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.1835		mg/Kg		92	70 - 130	8	35
o-Xylene	0.100	0.1059		mg/Kg		106	70 - 130	9	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	121		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 890-2758-21 MS

Matrix: Solid

Analysis Batch: 33108

Client Sample ID: CS-12

Prep Type: Total/NA

Prep Batch: 32789

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1	0.100	0.05772	F1	mg/Kg		57	70 - 130
Toluene	<0.00200	U F1	0.100	0.06004	F1	mg/Kg		59	70 - 130
Ethylbenzene	<0.00200	U F1	0.100	0.06867	F1	mg/Kg		68	70 - 130
m-Xylene & p-Xylene	<0.00401	U F1	0.201	0.1365	F1	mg/Kg		68	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.08618		mg/Kg		86	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

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

Lab Sample ID: 890-2758-21 MS

Matrix: Solid

Analysis Batch: 33108

Client Sample ID: CS-12

Prep Type: Total/NA

Prep Batch: 32789

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	153	S1+	70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 890-2758-21 MSD

Matrix: Solid

Analysis Batch: 33108

Client Sample ID: CS-12

Prep Type: Total/NA

Prep Batch: 32789

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.0998	0.06772	F1	mg/Kg		68	70 - 130	16	35
Toluene	<0.00200	U F1	0.0998	0.05904	F1	mg/Kg		59	70 - 130	2	35
Ethylbenzene	<0.00200	U F1	0.0998	0.05965	F1	mg/Kg		60	70 - 130	14	35
m-Xylene & p-Xylene	<0.00401	U F1	0.200	0.1155	F1	mg/Kg		58	70 - 130	17	35
o-Xylene	<0.00200	U F1	0.0998	0.06832	F1	mg/Kg		68	70 - 130	23	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	122		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: MB 880-32794/5-A

Matrix: Solid

Analysis Batch: 33042

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32794

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:12	08/27/22 09:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:12	08/27/22 09:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:12	08/27/22 09:15	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/23/22 15:12	08/27/22 09:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:12	08/27/22 09:15	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/23/22 15:12	08/27/22 09:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130	08/23/22 15:12	08/27/22 09:15	1
1,4-Difluorobenzene (Surr)	86		70 - 130	08/23/22 15:12	08/27/22 09:15	1

Lab Sample ID: LCS 880-32794/1-A

Matrix: Solid

Analysis Batch: 33042

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32794

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1059		mg/Kg		106	70 - 130
Toluene	0.100	0.1116		mg/Kg		112	70 - 130
Ethylbenzene	0.100	0.1064		mg/Kg		106	70 - 130
m-Xylene & p-Xylene	0.200	0.2175		mg/Kg		109	70 - 130
o-Xylene	0.100	0.1211		mg/Kg		121	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	121		70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

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

Lab Sample ID: LCS 880-32794/1-A

Matrix: Solid

Analysis Batch: 33042

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32794

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

Lab Sample ID: LCSD 880-32794/2-A

Matrix: Solid

Analysis Batch: 33042

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32794

			Spike	LCSD	LCSD				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene			0.100	0.09233		mg/Kg		92	70 - 130	14	35
Toluene			0.100	0.09434		mg/Kg		94	70 - 130	17	35
Ethylbenzene			0.100	0.09297		mg/Kg		93	70 - 130	13	35
m-Xylene & p-Xylene			0.200	0.1890		mg/Kg		95	70 - 130	14	35
o-Xylene			0.100	0.1070		mg/Kg		107	70 - 130	12	35

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 890-2758-41 MS

Matrix: Solid

Analysis Batch: 33042

Client Sample ID: CS-32

Prep Type: Total/NA

Prep Batch: 32794

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Benzene	<0.00201	U	0.100	0.08928		mg/Kg		89	70 - 130		
Toluene	<0.00201	U	0.100	0.09755		mg/Kg		97	70 - 130		
Ethylbenzene	<0.00201	U	0.100	0.08743		mg/Kg		87	70 - 130		
m-Xylene & p-Xylene	<0.00402	U	0.201	0.1858		mg/Kg		93	70 - 130		
o-Xylene	<0.00201	U	0.100	0.1041		mg/Kg		104	70 - 130		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 890-2758-41 MSD

Matrix: Solid

Analysis Batch: 33042

Client Sample ID: CS-32

Prep Type: Total/NA

Prep Batch: 32794

	Sample	Sample	Spike	MSD	MSD				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00201	U	0.0998	0.08807		mg/Kg		88	70 - 130	1	35
Toluene	<0.00201	U	0.0998	0.09292		mg/Kg		93	70 - 130	5	35
Ethylbenzene	<0.00201	U	0.0998	0.08896		mg/Kg		89	70 - 130	2	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1894		mg/Kg		95	70 - 130	2	35
o-Xylene	<0.00201	U	0.0998	0.1052		mg/Kg		105	70 - 130	1	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

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

Lab Sample ID: MB 880-32936/5-A

Matrix: Solid

Analysis Batch: 33108

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32936

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/25/22 11:10	08/27/22 14:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/25/22 11:10	08/27/22 14:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/25/22 11:10	08/27/22 14:10	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/25/22 11:10	08/27/22 14:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/25/22 11:10	08/27/22 14:10	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/25/22 11:10	08/27/22 14:10	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	08/25/22 11:10	08/27/22 14:10	1
1,4-Difluorobenzene (Surr)	93		70 - 130	08/25/22 11:10	08/27/22 14:10	1

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

Lab Sample ID: MB 880-32365/1-A

Matrix: Solid

Analysis Batch: 32193

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32365

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/17/22 14:23	08/17/22 20:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/17/22 14:23	08/17/22 20:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/22 14:23	08/17/22 20:35	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130	08/17/22 14:23	08/17/22 20:35	1
o-Terphenyl	116		70 - 130	08/17/22 14:23	08/17/22 20:35	1

Lab Sample ID: LCS 880-32365/2-A

Matrix: Solid

Analysis Batch: 32193

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32365

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	898.5		mg/Kg		90	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1028		mg/Kg		103	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	105		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: LCSD 880-32365/3-A

Matrix: Solid

Analysis Batch: 32193

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32365

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	862.0		mg/Kg		86	70 - 130	4	20

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QC Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

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

Lab Sample ID: LCSD 880-32365/3-A

Matrix: Solid

Analysis Batch: 32193

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32365

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics (Over C10-C28)	1000	963.5		mg/Kg		96	70 - 130	7	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	106		70 - 130						
o-Terphenyl	98		70 - 130						

Lab Sample ID: 890-2758-1 MS

Matrix: Solid

Analysis Batch: 32193

Client Sample ID: SW-1

Prep Type: Total/NA

Prep Batch: 32365

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1080		mg/Kg		104	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1153		mg/Kg		114	70 - 130		
Surrogate	%Recovery	MS Qualifier	Limits								
1-Chlorooctane	109		70 - 130								
o-Terphenyl	86		70 - 130								

Lab Sample ID: 890-2758-1 MSD

Matrix: Solid

Analysis Batch: 32193

Client Sample ID: SW-1

Prep Type: Total/NA

Prep Batch: 32365

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	1097		mg/Kg		106	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.9	U	998	1179		mg/Kg		116	70 - 130	2	20
Surrogate	%Recovery	MSD Qualifier	Limits								
1-Chlorooctane	99		70 - 130								
o-Terphenyl	86		70 - 130								

Lab Sample ID: MB 880-32394/1-A

Matrix: Solid

Analysis Batch: 32384

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32394

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/18/22 09:11	08/18/22 10:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/18/22 09:11	08/18/22 10:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/18/22 09:11	08/18/22 10:40	1
Surrogate	%Recovery	MB Qualifier	Limits						
1-Chlorooctane	98		70 - 130						
o-Terphenyl	90		70 - 130						

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QC Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

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

Lab Sample ID: LCS 880-32394/2-A

Matrix: Solid

Analysis Batch: 32384

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32394

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec		
			Added	Result	Qualifier			Limits	Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1108		mg/Kg		111	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	813.9		mg/Kg		81	70 - 130		
Surrogate	LCS	LCS									
	%Recovery	Qualifier	Limits								
1-Chlorooctane	93		70 - 130								
o-Terphenyl	84		70 - 130								

Lab Sample ID: LCSD 880-32394/3-A

Matrix: Solid

Analysis Batch: 32384

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32394

Appendix C: Data											
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limits
Gasoline Range Organics (GRO)-C6-C10			1000	1015		mg/Kg		101	70 - 130	9	20
Diesel Range Organics (Over C10-C28)			1000	1025	*1	mg/Kg		102	70 - 130	23	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits								
1-Chlorooctane	104		70 - 130								
o-Terphenyl	106		70 - 130								

Lab Sample ID: 890-2760-A-1-G MS

Matrix: Solid

Analysis Batch: 32384

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 32394

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1270		mg/Kg		125	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U *1	999	1207		mg/Kg		121	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	100		70 - 130						
o-Terphenyl	91		70 - 130						

Lab Sample ID: 890-2760-A-1-H MSD

Matrix: Solid

Analysis Batch: 32384

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 32394

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	1117		mg/Kg	-	109	70 - 130	13	20
Diesel Range Organics (Over C10-C28)	<49.9	U *1	998	1069		mg/Kg		107	70 - 130	12	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	103		70 - 130								

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QC Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

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

Lab Sample ID: 890-2760-A-1-H MSD

Matrix: Solid

Analysis Batch: 32384

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 32394

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	78		70 - 130

Lab Sample ID: MB 880-32395/1-A

Matrix: Solid

Analysis Batch: 32386

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32395

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/18/22 09:14	08/18/22 10:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/18/22 09:14	08/18/22 10:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/18/22 09:14	08/18/22 10:40	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				08/18/22 09:14	08/18/22 10:40	1
<i>o</i> -Terphenyl	77		70 - 130				08/18/22 09:14	08/18/22 10:40	1

Lab Sample ID: LCS 880-32395/2-A

Matrix: Solid

Analysis Batch: 32386

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32395

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	962.0		mg/Kg		96	70 - 130
Diesel Range Organics (Over C10-C28)	1000	835.3		mg/Kg		84	70 - 130
Surrogate	LCS	LCS	Limits				
1-Chlorooctane	93		70 - 130				
<i>o</i> -Terphenyl	91		70 - 130				

Lab Sample ID: LCSD 880-32395/3-A

Matrix: Solid

Analysis Batch: 32386

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32395

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	875.0		mg/Kg		88	70 - 130	9	20
Diesel Range Organics (Over C10-C28)	1000	851.5		mg/Kg		85	70 - 130	2	20
Surrogate	LCSD	LCSD	Limits						
1-Chlorooctane	95		70 - 130						
<i>o</i> -Terphenyl	92		70 - 130						

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QC Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

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

Lab Sample ID: 890-2760-A-4-E MS

Matrix: Solid

Analysis Batch: 32386

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 32395

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	885.1		mg/Kg		86	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U F1	999	659.6	F1	mg/Kg		61	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	69	S1-	70 - 130						
o-Terphenyl	61	S1-	70 - 130						

Lab Sample ID: 890-2760-A-4-F MSD

Matrix: Solid

Analysis Batch: 32386

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 32395

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	916.0		mg/Kg		89	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U F1	998	745.1		mg/Kg		70	70 - 130	12	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	78		70 - 130								
o-Terphenyl	69	S1-	70 - 130								

Lab Sample ID: MB 880-32517/1-A

Matrix: Solid

Analysis Batch: 32464

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32517

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/19/22 13:54	08/19/22 20:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/19/22 13:54	08/19/22 20:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/22 13:54	08/19/22 20:12	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				08/19/22 13:54	08/19/22 20:12	1
o-Terphenyl	79		70 - 130				08/19/22 13:54	08/19/22 20:12	1

Lab Sample ID: LCS 880-32517/2-A

Matrix: Solid

Analysis Batch: 32464

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32517

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1106		mg/Kg		111	70 - 130
Diesel Range Organics (Over C10-C28)	1000	984.6		mg/Kg		98	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

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

Lab Sample ID: LCS 880-32517/2-A

Matrix: Solid

Analysis Batch: 32464

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32517

	LCS %Recovery	LCS Qualifier	Limits
Surrogate			
1-Chlorooctane	111		70 - 130
o-Terphenyl	107		70 - 130

Lab Sample ID: LCSD 880-32517/3-A

Matrix: Solid

Analysis Batch: 32464

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32517

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	891.6	*1	mg/Kg		89	70 - 130	21	20
Diesel Range Organics (Over C10-C28)	1000	963.8		mg/Kg		96	70 - 130	2	20

	LCSD %Recovery	LCSD Qualifier	Limits
Surrogate			
1-Chlorooctane	108		70 - 130
o-Terphenyl	101		70 - 130

Lab Sample ID: 890-2762-A-21-C MS

Matrix: Solid

Analysis Batch: 32464

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 32517

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1 F1	999	468.5	F1	mg/Kg		45	70 - 130		
Diesel Range Organics (Over C10-C28)	78.2	F1	999	515.8	F1	mg/Kg		44	70 - 130		

	MS %Recovery	MS Qualifier	Limits
Surrogate			
1-Chlorooctane	64	S1-	70 - 130
o-Terphenyl	56	S1-	70 - 130

Lab Sample ID: 890-2762-A-21-D MSD

Matrix: Solid

Analysis Batch: 32464

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 32517

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1 F1	998	954.8	F2	mg/Kg		94	70 - 130	68	20
Diesel Range Organics (Over C10-C28)	78.2	F1	998	576.5	F1	mg/Kg		50	70 - 130	11	20

	MSD %Recovery	MSD Qualifier	Limits
Surrogate			
1-Chlorooctane	70		70 - 130
o-Terphenyl	60	S1-	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-32316/1-A

Matrix: Solid

Analysis Batch: 32702

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/26/22 04:24	1

Lab Sample ID: LCS 880-32316/2-A

Matrix: Solid

Analysis Batch: 32702

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	239.8		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-32316/3-A

Matrix: Solid

Analysis Batch: 32702

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	238.6		mg/Kg		95	90 - 110	1	20

Lab Sample ID: 890-2758-1 MS

Matrix: Solid

Analysis Batch: 32702

Client Sample ID: SW-1

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	42.1		250	281.6		mg/Kg		96	90 - 110

Lab Sample ID: 890-2758-1 MSD

Matrix: Solid

Analysis Batch: 32702

Client Sample ID: SW-1

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	42.1		250	284.2		mg/Kg		97	90 - 110	1	20

Lab Sample ID: 890-2758-11 MS

Matrix: Solid

Analysis Batch: 32702

Client Sample ID: CS-2

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	76.1		249	315.8		mg/Kg		96	90 - 110

Lab Sample ID: 890-2758-11 MSD

Matrix: Solid

Analysis Batch: 32702

Client Sample ID: CS-2

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	76.1		249	316.1		mg/Kg		96	90 - 110	0	20

Lab Sample ID: MB 880-32317/1-A

Matrix: Solid

Analysis Batch: 32704

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/24/22 17:51	1

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QC Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-32317/2-A

Matrix: Solid

Analysis Batch: 32704

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	238.9		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-32317/3-A

Matrix: Solid

Analysis Batch: 32704

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	236.7		mg/Kg		95	90 - 110	1	20

Lab Sample ID: 890-2758-21 MS

Matrix: Solid

Analysis Batch: 32704

Client Sample ID: CS-12

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	49.1		248	306.1		mg/Kg		104	90 - 110

Lab Sample ID: 890-2758-21 MSD

Matrix: Solid

Analysis Batch: 32704

Client Sample ID: CS-12

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	49.1		248	297.3		mg/Kg		100	90 - 110	3	20

Lab Sample ID: 890-2758-31 MS

Matrix: Solid

Analysis Batch: 32704

Client Sample ID: CS-22

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	43.8		250	314.4		mg/Kg		108	90 - 110

Lab Sample ID: 890-2758-31 MSD

Matrix: Solid

Analysis Batch: 32704

Client Sample ID: CS-22

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	43.8		250	304.1		mg/Kg		104	90 - 110	3	20

Lab Sample ID: MB 880-32318/1-A

Matrix: Solid

Analysis Batch: 32770

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/25/22 01:43	1

Lab Sample ID: LCS 880-32318/2-A

Matrix: Solid

Analysis Batch: 32770

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	249.9		mg/Kg		100	90 - 110

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QC Sample Results

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 880-32318/3-A

Matrix: Solid

Analysis Batch: 32770

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	250.9		mg/Kg		100	90 - 110	0	20

Lab Sample ID: 890-2758-41 MS

Matrix: Solid

Analysis Batch: 32770

Client Sample ID: CS-32

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	51.0	F1 F2	250	253.2	F1	mg/Kg		81	90 - 110		

Lab Sample ID: 890-2758-41 MSD

Matrix: Solid

Analysis Batch: 32770

Client Sample ID: CS-32

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	51.0	F1 F2	250	332.1	F1 F2	mg/Kg		112	90 - 110	27	20

Lab Sample ID: 890-2758-51 MS

Matrix: Solid

Analysis Batch: 32770

Client Sample ID: CS-42

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	71.0		249	334.2		mg/Kg		106	90 - 110		

Lab Sample ID: 890-2758-51 MSD

Matrix: Solid

Analysis Batch: 32770

Client Sample ID: CS-42

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	71.0		249	334.2		mg/Kg		106	90 - 110	0	20

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QC Association Summary

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

GC VOA

Prep Batch: 32570

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-32570/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 32788

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2758-1	SW-1	Total/NA	Solid	5035	
890-2758-2	SW-2	Total/NA	Solid	5035	
890-2758-3	SW-3	Total/NA	Solid	5035	
890-2758-4	SW-4	Total/NA	Solid	5035	
890-2758-5	SW-5	Total/NA	Solid	5035	
890-2758-6	SW-6	Total/NA	Solid	5035	
890-2758-7	SW-7	Total/NA	Solid	5035	
890-2758-8	SW-8	Total/NA	Solid	5035	
890-2758-9	SW-9	Total/NA	Solid	5035	
890-2758-10	CS-1	Total/NA	Solid	5035	
890-2758-11	CS-2	Total/NA	Solid	5035	
890-2758-12	CS-3	Total/NA	Solid	5035	
890-2758-13	CS-4	Total/NA	Solid	5035	
890-2758-14	CS-5	Total/NA	Solid	5035	
890-2758-15	CS-6	Total/NA	Solid	5035	
890-2758-16	CS-7	Total/NA	Solid	5035	
890-2758-17	CS-8	Total/NA	Solid	5035	
890-2758-18	CS-9	Total/NA	Solid	5035	
890-2758-19	CS-10	Total/NA	Solid	5035	
890-2758-20	CS-11	Total/NA	Solid	5035	
MB 880-32788/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-32788/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-32788/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2758-1 MS	SW-1	Total/NA	Solid	5035	
890-2758-1 MSD	SW-1	Total/NA	Solid	5035	

Prep Batch: 32789

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2758-21	CS-12	Total/NA	Solid	5035	
890-2758-22	CS-13	Total/NA	Solid	5035	
890-2758-23	CS-14	Total/NA	Solid	5035	
890-2758-24	CS-15	Total/NA	Solid	5035	
890-2758-25	CS-16	Total/NA	Solid	5035	
890-2758-26	CS-17	Total/NA	Solid	5035	
890-2758-27	CS-18	Total/NA	Solid	5035	
890-2758-28	CS-19	Total/NA	Solid	5035	
890-2758-29	CS-20	Total/NA	Solid	5035	
890-2758-30	CS-21	Total/NA	Solid	5035	
890-2758-31	CS-22	Total/NA	Solid	5035	
890-2758-32	CS-23	Total/NA	Solid	5035	
890-2758-33	CS-24	Total/NA	Solid	5035	
890-2758-34	CS-25	Total/NA	Solid	5035	
890-2758-35	CS-26	Total/NA	Solid	5035	
890-2758-36	CS-27	Total/NA	Solid	5035	
890-2758-37	CS-28	Total/NA	Solid	5035	
890-2758-38	CS-29	Total/NA	Solid	5035	
890-2758-39	CS-30	Total/NA	Solid	5035	

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QC Association Summary

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

GC VOA (Continued)

Prep Batch: 32789 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2758-40	CS-31	Total/NA	Solid	5035	
MB 880-32789/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-32789/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-32789/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2758-21 MS	CS-12	Total/NA	Solid	5035	
890-2758-21 MSD	CS-12	Total/NA	Solid	5035	

Prep Batch: 32794

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2758-41	CS-32	Total/NA	Solid	5035	
890-2758-42	CS-33	Total/NA	Solid	5035	
890-2758-43	CS-34	Total/NA	Solid	5035	
890-2758-44	CS-35	Total/NA	Solid	5035	
890-2758-45	CS-36	Total/NA	Solid	5035	
890-2758-46	CS-37	Total/NA	Solid	5035	
890-2758-47	CS-38	Total/NA	Solid	5035	
890-2758-48	CS-39	Total/NA	Solid	5035	
890-2758-49	CS-40	Total/NA	Solid	5035	
890-2758-50	CS-41	Total/NA	Solid	5035	
890-2758-51	CS-42	Total/NA	Solid	5035	
890-2758-52	CS-43	Total/NA	Solid	5035	
890-2758-53	CS-44	Total/NA	Solid	5035	
890-2758-54	CS-38	Total/NA	Solid	5035	
MB 880-32794/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-32794/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-32794/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2758-41 MS	CS-32	Total/NA	Solid	5035	
890-2758-41 MSD	CS-32	Total/NA	Solid	5035	

Prep Batch: 32936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-32936/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 33042

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2758-41	CS-32	Total/NA	Solid	8021B	32794
890-2758-42	CS-33	Total/NA	Solid	8021B	32794
890-2758-43	CS-34	Total/NA	Solid	8021B	32794
890-2758-44	CS-35	Total/NA	Solid	8021B	32794
890-2758-45	CS-36	Total/NA	Solid	8021B	32794
890-2758-46	CS-37	Total/NA	Solid	8021B	32794
890-2758-47	CS-38	Total/NA	Solid	8021B	32794
890-2758-48	CS-39	Total/NA	Solid	8021B	32794
890-2758-49	CS-40	Total/NA	Solid	8021B	32794
890-2758-50	CS-41	Total/NA	Solid	8021B	32794
890-2758-51	CS-42	Total/NA	Solid	8021B	32794
890-2758-52	CS-43	Total/NA	Solid	8021B	32794
890-2758-53	CS-44	Total/NA	Solid	8021B	32794
890-2758-54	CS-38	Total/NA	Solid	8021B	32794
MB 880-32570/5-A	Method Blank	Total/NA	Solid	8021B	32570
MB 880-32794/5-A	Method Blank	Total/NA	Solid	8021B	32794

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QC Association Summary

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

GC VOA (Continued)

Analysis Batch: 33042 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-32794/1-A	Lab Control Sample	Total/NA	Solid	8021B	32794
LCSD 880-32794/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	32794
890-2758-41 MS	CS-32	Total/NA	Solid	8021B	32794
890-2758-41 MSD	CS-32	Total/NA	Solid	8021B	32794

Analysis Batch: 33108

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2758-21	CS-12	Total/NA	Solid	8021B	32789
890-2758-22	CS-13	Total/NA	Solid	8021B	32789
890-2758-23	CS-14	Total/NA	Solid	8021B	32789
890-2758-24	CS-15	Total/NA	Solid	8021B	32789
890-2758-25	CS-16	Total/NA	Solid	8021B	32789
890-2758-26	CS-17	Total/NA	Solid	8021B	32789
890-2758-27	CS-18	Total/NA	Solid	8021B	32789
890-2758-28	CS-19	Total/NA	Solid	8021B	32789
890-2758-29	CS-20	Total/NA	Solid	8021B	32789
890-2758-30	CS-21	Total/NA	Solid	8021B	32789
890-2758-31	CS-22	Total/NA	Solid	8021B	32789
890-2758-32	CS-23	Total/NA	Solid	8021B	32789
890-2758-33	CS-24	Total/NA	Solid	8021B	32789
890-2758-34	CS-25	Total/NA	Solid	8021B	32789
890-2758-35	CS-26	Total/NA	Solid	8021B	32789
890-2758-36	CS-27	Total/NA	Solid	8021B	32789
890-2758-37	CS-28	Total/NA	Solid	8021B	32789
890-2758-38	CS-29	Total/NA	Solid	8021B	32789
890-2758-39	CS-30	Total/NA	Solid	8021B	32789
890-2758-40	CS-31	Total/NA	Solid	8021B	32789
MB 880-32789/5-A	Method Blank	Total/NA	Solid	8021B	32789
MB 880-32936/5-A	Method Blank	Total/NA	Solid	8021B	32936
LCS 880-32789/1-A	Lab Control Sample	Total/NA	Solid	8021B	32789
LCSD 880-32789/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	32789
890-2758-21 MS	CS-12	Total/NA	Solid	8021B	32789
890-2758-21 MSD	CS-12	Total/NA	Solid	8021B	32789

Analysis Batch: 33109

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2758-1	SW-1	Total/NA	Solid	8021B	32788
890-2758-2	SW-2	Total/NA	Solid	8021B	32788
890-2758-3	SW-3	Total/NA	Solid	8021B	32788
890-2758-4	SW-4	Total/NA	Solid	8021B	32788
890-2758-5	SW-5	Total/NA	Solid	8021B	32788
890-2758-6	SW-6	Total/NA	Solid	8021B	32788
890-2758-7	SW-7	Total/NA	Solid	8021B	32788
890-2758-8	SW-8	Total/NA	Solid	8021B	32788
890-2758-9	SW-9	Total/NA	Solid	8021B	32788
890-2758-10	CS-1	Total/NA	Solid	8021B	32788
890-2758-11	CS-2	Total/NA	Solid	8021B	32788
890-2758-12	CS-3	Total/NA	Solid	8021B	32788
890-2758-13	CS-4	Total/NA	Solid	8021B	32788
890-2758-14	CS-5	Total/NA	Solid	8021B	32788
890-2758-15	CS-6	Total/NA	Solid	8021B	32788

Eurofins Carlsbad

QC Association Summary

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

GC VOA (Continued)

Analysis Batch: 33109 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2758-16	CS-7	Total/NA	Solid	8021B	32788
890-2758-17	CS-8	Total/NA	Solid	8021B	32788
890-2758-18	CS-9	Total/NA	Solid	8021B	32788
890-2758-19	CS-10	Total/NA	Solid	8021B	32788
890-2758-20	CS-11	Total/NA	Solid	8021B	32788
MB 880-32788/5-A	Method Blank	Total/NA	Solid	8021B	32788
LCS 880-32788/1-A	Lab Control Sample	Total/NA	Solid	8021B	32788
LCSD 880-32788/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	32788
890-2758-1 MS	SW-1	Total/NA	Solid	8021B	32788
890-2758-1 MSD	SW-1	Total/NA	Solid	8021B	32788

Analysis Batch: 33234

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2758-1	SW-1	Total/NA	Solid	Total BTEX	
890-2758-2	SW-2	Total/NA	Solid	Total BTEX	
890-2758-3	SW-3	Total/NA	Solid	Total BTEX	
890-2758-4	SW-4	Total/NA	Solid	Total BTEX	
890-2758-5	SW-5	Total/NA	Solid	Total BTEX	
890-2758-6	SW-6	Total/NA	Solid	Total BTEX	
890-2758-7	SW-7	Total/NA	Solid	Total BTEX	
890-2758-8	SW-8	Total/NA	Solid	Total BTEX	
890-2758-9	SW-9	Total/NA	Solid	Total BTEX	
890-2758-10	CS-1	Total/NA	Solid	Total BTEX	
890-2758-11	CS-2	Total/NA	Solid	Total BTEX	
890-2758-12	CS-3	Total/NA	Solid	Total BTEX	
890-2758-13	CS-4	Total/NA	Solid	Total BTEX	
890-2758-14	CS-5	Total/NA	Solid	Total BTEX	
890-2758-15	CS-6	Total/NA	Solid	Total BTEX	
890-2758-16	CS-7	Total/NA	Solid	Total BTEX	
890-2758-17	CS-8	Total/NA	Solid	Total BTEX	
890-2758-18	CS-9	Total/NA	Solid	Total BTEX	
890-2758-19	CS-10	Total/NA	Solid	Total BTEX	
890-2758-20	CS-11	Total/NA	Solid	Total BTEX	
890-2758-21	CS-12	Total/NA	Solid	Total BTEX	
890-2758-22	CS-13	Total/NA	Solid	Total BTEX	
890-2758-23	CS-14	Total/NA	Solid	Total BTEX	
890-2758-24	CS-15	Total/NA	Solid	Total BTEX	
890-2758-25	CS-16	Total/NA	Solid	Total BTEX	
890-2758-26	CS-17	Total/NA	Solid	Total BTEX	
890-2758-27	CS-18	Total/NA	Solid	Total BTEX	
890-2758-28	CS-19	Total/NA	Solid	Total BTEX	
890-2758-29	CS-20	Total/NA	Solid	Total BTEX	
890-2758-30	CS-21	Total/NA	Solid	Total BTEX	
890-2758-31	CS-22	Total/NA	Solid	Total BTEX	
890-2758-32	CS-23	Total/NA	Solid	Total BTEX	
890-2758-33	CS-24	Total/NA	Solid	Total BTEX	
890-2758-34	CS-25	Total/NA	Solid	Total BTEX	
890-2758-35	CS-26	Total/NA	Solid	Total BTEX	
890-2758-36	CS-27	Total/NA	Solid	Total BTEX	
890-2758-37	CS-28	Total/NA	Solid	Total BTEX	
890-2758-38	CS-29	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

GC VOA (Continued)

Analysis Batch: 33234 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2758-39	CS-30	Total/NA	Solid	Total BTEX	
890-2758-40	CS-31	Total/NA	Solid	Total BTEX	
890-2758-41	CS-32	Total/NA	Solid	Total BTEX	
890-2758-42	CS-33	Total/NA	Solid	Total BTEX	
890-2758-43	CS-34	Total/NA	Solid	Total BTEX	
890-2758-44	CS-35	Total/NA	Solid	Total BTEX	
890-2758-45	CS-36	Total/NA	Solid	Total BTEX	
890-2758-46	CS-37	Total/NA	Solid	Total BTEX	
890-2758-47	CS-38	Total/NA	Solid	Total BTEX	
890-2758-48	CS-39	Total/NA	Solid	Total BTEX	
890-2758-49	CS-40	Total/NA	Solid	Total BTEX	
890-2758-50	CS-41	Total/NA	Solid	Total BTEX	
890-2758-51	CS-42	Total/NA	Solid	Total BTEX	
890-2758-52	CS-43	Total/NA	Solid	Total BTEX	
890-2758-53	CS-44	Total/NA	Solid	Total BTEX	
890-2758-54	CS-38	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 32193

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2758-1	SW-1	Total/NA	Solid	8015B NM	32365
890-2758-2	SW-2	Total/NA	Solid	8015B NM	32365
890-2758-3	SW-3	Total/NA	Solid	8015B NM	32365
890-2758-4	SW-4	Total/NA	Solid	8015B NM	32365
890-2758-6	SW-6	Total/NA	Solid	8015B NM	32365
890-2758-7	SW-7	Total/NA	Solid	8015B NM	32365
890-2758-8	SW-8	Total/NA	Solid	8015B NM	32365
890-2758-9	SW-9	Total/NA	Solid	8015B NM	32365
890-2758-10	CS-1	Total/NA	Solid	8015B NM	32365
890-2758-11	CS-2	Total/NA	Solid	8015B NM	32365
890-2758-12	CS-3	Total/NA	Solid	8015B NM	32365
890-2758-13	CS-4	Total/NA	Solid	8015B NM	32365
890-2758-14	CS-5	Total/NA	Solid	8015B NM	32365
890-2758-25	CS-16	Total/NA	Solid	8015B NM	32365
890-2758-26	CS-17	Total/NA	Solid	8015B NM	32365
890-2758-27	CS-18	Total/NA	Solid	8015B NM	32365
890-2758-28	CS-19	Total/NA	Solid	8015B NM	32365
890-2758-29	CS-20	Total/NA	Solid	8015B NM	32365
890-2758-30	CS-21	Total/NA	Solid	8015B NM	32365
890-2758-31	CS-22	Total/NA	Solid	8015B NM	32365
MB 880-32365/1-A	Method Blank	Total/NA	Solid	8015B NM	32365
LCS 880-32365/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	32365
LCSD 880-32365/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	32365
890-2758-1 MS	SW-1	Total/NA	Solid	8015B NM	32365
890-2758-1 MSD	SW-1	Total/NA	Solid	8015B NM	32365

Prep Batch: 32365

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2758-1	SW-1	Total/NA	Solid	8015NM Prep	
890-2758-2	SW-2	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

GC Semi VOA (Continued)

Prep Batch: 32365 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2758-3	SW-3	Total/NA	Solid	8015NM Prep	
890-2758-4	SW-4	Total/NA	Solid	8015NM Prep	
890-2758-6	SW-6	Total/NA	Solid	8015NM Prep	
890-2758-7	SW-7	Total/NA	Solid	8015NM Prep	
890-2758-8	SW-8	Total/NA	Solid	8015NM Prep	
890-2758-9	SW-9	Total/NA	Solid	8015NM Prep	
890-2758-10	CS-1	Total/NA	Solid	8015NM Prep	
890-2758-11	CS-2	Total/NA	Solid	8015NM Prep	
890-2758-12	CS-3	Total/NA	Solid	8015NM Prep	
890-2758-13	CS-4	Total/NA	Solid	8015NM Prep	
890-2758-14	CS-5	Total/NA	Solid	8015NM Prep	
890-2758-25	CS-16	Total/NA	Solid	8015NM Prep	
890-2758-26	CS-17	Total/NA	Solid	8015NM Prep	
890-2758-27	CS-18	Total/NA	Solid	8015NM Prep	
890-2758-28	CS-19	Total/NA	Solid	8015NM Prep	
890-2758-29	CS-20	Total/NA	Solid	8015NM Prep	
890-2758-30	CS-21	Total/NA	Solid	8015NM Prep	
890-2758-31	CS-22	Total/NA	Solid	8015NM Prep	
MB 880-32365/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-32365/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-32365/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2758-1 MS	SW-1	Total/NA	Solid	8015NM Prep	
890-2758-1 MSD	SW-1	Total/NA	Solid	8015NM Prep	

Analysis Batch: 32384

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2758-5	SW-5	Total/NA	Solid	8015B NM	32394
890-2758-15	CS-6	Total/NA	Solid	8015B NM	32394
890-2758-16	CS-7	Total/NA	Solid	8015B NM	32394
890-2758-17	CS-8	Total/NA	Solid	8015B NM	32394
890-2758-18	CS-9	Total/NA	Solid	8015B NM	32394
890-2758-19	CS-10	Total/NA	Solid	8015B NM	32394
890-2758-20	CS-11	Total/NA	Solid	8015B NM	32394
890-2758-21	CS-12	Total/NA	Solid	8015B NM	32394
890-2758-22	CS-13	Total/NA	Solid	8015B NM	32394
890-2758-23	CS-14	Total/NA	Solid	8015B NM	32394
890-2758-24	CS-15	Total/NA	Solid	8015B NM	32394
890-2758-32	CS-23	Total/NA	Solid	8015B NM	32394
890-2758-33	CS-24	Total/NA	Solid	8015B NM	32394
890-2758-34	CS-25	Total/NA	Solid	8015B NM	32394
890-2758-35	CS-26	Total/NA	Solid	8015B NM	32394
890-2758-36	CS-27	Total/NA	Solid	8015B NM	32394
MB 880-32394/1-A	Method Blank	Total/NA	Solid	8015B NM	32394
LCS 880-32394/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	32394
LCSD 880-32394/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	32394
890-2760-A-1-G MS	Matrix Spike	Total/NA	Solid	8015B NM	32394
890-2760-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	32394

Analysis Batch: 32386

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2758-37	CS-28	Total/NA	Solid	8015B NM	32395

Eurofins Carlsbad

QC Association Summary

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

GC Semi VOA (Continued)

Analysis Batch: 32386 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2758-38	CS-29	Total/NA	Solid	8015B NM	32395
890-2758-39	CS-30	Total/NA	Solid	8015B NM	32395
890-2758-40	CS-31	Total/NA	Solid	8015B NM	32395
890-2758-41	CS-32	Total/NA	Solid	8015B NM	32395
890-2758-42	CS-33	Total/NA	Solid	8015B NM	32395
890-2758-43	CS-34	Total/NA	Solid	8015B NM	32395
890-2758-44	CS-35	Total/NA	Solid	8015B NM	32395
890-2758-45	CS-36	Total/NA	Solid	8015B NM	32395
890-2758-46	CS-37	Total/NA	Solid	8015B NM	32395
890-2758-47	CS-38	Total/NA	Solid	8015B NM	32395
890-2758-48	CS-39	Total/NA	Solid	8015B NM	32395
890-2758-49	CS-40	Total/NA	Solid	8015B NM	32395
890-2758-50	CS-41	Total/NA	Solid	8015B NM	32395
890-2758-51	CS-42	Total/NA	Solid	8015B NM	32395
890-2758-52	CS-43	Total/NA	Solid	8015B NM	32395
890-2758-53	CS-44	Total/NA	Solid	8015B NM	32395
MB 880-32395/1-A	Method Blank	Total/NA	Solid	8015B NM	32395
LCS 880-32395/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	32395
LCSD 880-32395/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	32395
890-2760-A-4-E MS	Matrix Spike	Total/NA	Solid	8015B NM	32395
890-2760-A-4-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	32395

Prep Batch: 32394

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2758-5	SW-5	Total/NA	Solid	8015NM Prep	
890-2758-15	CS-6	Total/NA	Solid	8015NM Prep	
890-2758-16	CS-7	Total/NA	Solid	8015NM Prep	
890-2758-17	CS-8	Total/NA	Solid	8015NM Prep	
890-2758-18	CS-9	Total/NA	Solid	8015NM Prep	
890-2758-19	CS-10	Total/NA	Solid	8015NM Prep	
890-2758-20	CS-11	Total/NA	Solid	8015NM Prep	
890-2758-21	CS-12	Total/NA	Solid	8015NM Prep	
890-2758-22	CS-13	Total/NA	Solid	8015NM Prep	
890-2758-23	CS-14	Total/NA	Solid	8015NM Prep	
890-2758-24	CS-15	Total/NA	Solid	8015NM Prep	
890-2758-32	CS-23	Total/NA	Solid	8015NM Prep	
890-2758-33	CS-24	Total/NA	Solid	8015NM Prep	
890-2758-34	CS-25	Total/NA	Solid	8015NM Prep	
890-2758-35	CS-26	Total/NA	Solid	8015NM Prep	
890-2758-36	CS-27	Total/NA	Solid	8015NM Prep	
MB 880-32394/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-32394/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-32394/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2760-A-1-G MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-2760-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 32395

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2758-37	CS-28	Total/NA	Solid	8015NM Prep	
890-2758-38	CS-29	Total/NA	Solid	8015NM Prep	
890-2758-39	CS-30	Total/NA	Solid	8015NM Prep	

Eurofins Carlsbad

QC Association Summary

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

GC Semi VOA (Continued)

Prep Batch: 32395 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2758-40	CS-31	Total/NA	Solid	8015NM Prep	
890-2758-41	CS-32	Total/NA	Solid	8015NM Prep	
890-2758-42	CS-33	Total/NA	Solid	8015NM Prep	
890-2758-43	CS-34	Total/NA	Solid	8015NM Prep	
890-2758-44	CS-35	Total/NA	Solid	8015NM Prep	
890-2758-45	CS-36	Total/NA	Solid	8015NM Prep	
890-2758-46	CS-37	Total/NA	Solid	8015NM Prep	
890-2758-47	CS-38	Total/NA	Solid	8015NM Prep	
890-2758-48	CS-39	Total/NA	Solid	8015NM Prep	
890-2758-49	CS-40	Total/NA	Solid	8015NM Prep	
890-2758-50	CS-41	Total/NA	Solid	8015NM Prep	
890-2758-51	CS-42	Total/NA	Solid	8015NM Prep	
890-2758-52	CS-43	Total/NA	Solid	8015NM Prep	
890-2758-53	CS-44	Total/NA	Solid	8015NM Prep	
MB 880-32395/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-32395/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-32395/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2760-A-4-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-2760-A-4-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 32409

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2758-1	SW-1	Total/NA	Solid	8015 NM	
890-2758-2	SW-2	Total/NA	Solid	8015 NM	
890-2758-3	SW-3	Total/NA	Solid	8015 NM	
890-2758-4	SW-4	Total/NA	Solid	8015 NM	
890-2758-5	SW-5	Total/NA	Solid	8015 NM	
890-2758-6	SW-6	Total/NA	Solid	8015 NM	
890-2758-7	SW-7	Total/NA	Solid	8015 NM	
890-2758-8	SW-8	Total/NA	Solid	8015 NM	
890-2758-9	SW-9	Total/NA	Solid	8015 NM	
890-2758-10	CS-1	Total/NA	Solid	8015 NM	
890-2758-11	CS-2	Total/NA	Solid	8015 NM	
890-2758-12	CS-3	Total/NA	Solid	8015 NM	
890-2758-13	CS-4	Total/NA	Solid	8015 NM	
890-2758-14	CS-5	Total/NA	Solid	8015 NM	
890-2758-15	CS-6	Total/NA	Solid	8015 NM	
890-2758-16	CS-7	Total/NA	Solid	8015 NM	
890-2758-17	CS-8	Total/NA	Solid	8015 NM	
890-2758-18	CS-9	Total/NA	Solid	8015 NM	
890-2758-19	CS-10	Total/NA	Solid	8015 NM	
890-2758-20	CS-11	Total/NA	Solid	8015 NM	
890-2758-21	CS-12	Total/NA	Solid	8015 NM	
890-2758-22	CS-13	Total/NA	Solid	8015 NM	
890-2758-23	CS-14	Total/NA	Solid	8015 NM	
890-2758-24	CS-15	Total/NA	Solid	8015 NM	
890-2758-25	CS-16	Total/NA	Solid	8015 NM	
890-2758-26	CS-17	Total/NA	Solid	8015 NM	
890-2758-27	CS-18	Total/NA	Solid	8015 NM	
890-2758-28	CS-19	Total/NA	Solid	8015 NM	
890-2758-29	CS-20	Total/NA	Solid	8015 NM	

Eurofins Carlsbad

QC Association Summary

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

GC Semi VOA (Continued)

Analysis Batch: 32409 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2758-30	CS-21	Total/NA	Solid	8015 NM	
890-2758-31	CS-22	Total/NA	Solid	8015 NM	
890-2758-32	CS-23	Total/NA	Solid	8015 NM	
890-2758-33	CS-24	Total/NA	Solid	8015 NM	
890-2758-34	CS-25	Total/NA	Solid	8015 NM	
890-2758-35	CS-26	Total/NA	Solid	8015 NM	
890-2758-36	CS-27	Total/NA	Solid	8015 NM	
890-2758-37	CS-28	Total/NA	Solid	8015 NM	
890-2758-38	CS-29	Total/NA	Solid	8015 NM	
890-2758-39	CS-30	Total/NA	Solid	8015 NM	
890-2758-40	CS-31	Total/NA	Solid	8015 NM	
890-2758-41	CS-32	Total/NA	Solid	8015 NM	
890-2758-42	CS-33	Total/NA	Solid	8015 NM	
890-2758-43	CS-34	Total/NA	Solid	8015 NM	
890-2758-44	CS-35	Total/NA	Solid	8015 NM	
890-2758-45	CS-36	Total/NA	Solid	8015 NM	
890-2758-46	CS-37	Total/NA	Solid	8015 NM	
890-2758-47	CS-38	Total/NA	Solid	8015 NM	
890-2758-48	CS-39	Total/NA	Solid	8015 NM	
890-2758-49	CS-40	Total/NA	Solid	8015 NM	
890-2758-50	CS-41	Total/NA	Solid	8015 NM	
890-2758-51	CS-42	Total/NA	Solid	8015 NM	
890-2758-52	CS-43	Total/NA	Solid	8015 NM	
890-2758-53	CS-44	Total/NA	Solid	8015 NM	
890-2758-54	CS-38	Total/NA	Solid	8015 NM	

Analysis Batch: 32464

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2758-54	CS-38	Total/NA	Solid	8015B NM	32517
MB 880-32517/1-A	Method Blank	Total/NA	Solid	8015B NM	32517
LCS 880-32517/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	32517
LCSD 880-32517/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	32517
890-2762-A-21-C MS	Matrix Spike	Total/NA	Solid	8015B NM	32517
890-2762-A-21-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	32517

Prep Batch: 32517

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2758-54	CS-38	Total/NA	Solid	8015NM Prep	
MB 880-32517/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-32517/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-32517/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2762-A-21-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-2762-A-21-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

HPLC/IC

Leach Batch: 32316

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2758-1	SW-1	Soluble	Solid	DI Leach	
890-2758-2	SW-2	Soluble	Solid	DI Leach	
890-2758-3	SW-3	Soluble	Solid	DI Leach	

Eurofins Carlsbad

QC Association Summary

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

HPLC/IC (Continued)

Leach Batch: 32316 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2758-4	SW-4	Soluble	Solid	DI Leach	
890-2758-5	SW-5	Soluble	Solid	DI Leach	
890-2758-6	SW-6	Soluble	Solid	DI Leach	
890-2758-7	SW-7	Soluble	Solid	DI Leach	
890-2758-8	SW-8	Soluble	Solid	DI Leach	
890-2758-9	SW-9	Soluble	Solid	DI Leach	
890-2758-10	CS-1	Soluble	Solid	DI Leach	
890-2758-11	CS-2	Soluble	Solid	DI Leach	
890-2758-12	CS-3	Soluble	Solid	DI Leach	
890-2758-13	CS-4	Soluble	Solid	DI Leach	
890-2758-14	CS-5	Soluble	Solid	DI Leach	
890-2758-15	CS-6	Soluble	Solid	DI Leach	
890-2758-16	CS-7	Soluble	Solid	DI Leach	
890-2758-17	CS-8	Soluble	Solid	DI Leach	
890-2758-18	CS-9	Soluble	Solid	DI Leach	
890-2758-19	CS-10	Soluble	Solid	DI Leach	
890-2758-20	CS-11	Soluble	Solid	DI Leach	
MB 880-32316/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-32316/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-32316/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-2758-1 MS	SW-1	Soluble	Solid	DI Leach	
890-2758-1 MSD	SW-1	Soluble	Solid	DI Leach	
890-2758-11 MS	CS-2	Soluble	Solid	DI Leach	
890-2758-11 MSD	CS-2	Soluble	Solid	DI Leach	

Leach Batch: 32317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2758-21	CS-12	Soluble	Solid	DI Leach	
890-2758-22	CS-13	Soluble	Solid	DI Leach	
890-2758-23	CS-14	Soluble	Solid	DI Leach	
890-2758-24	CS-15	Soluble	Solid	DI Leach	
890-2758-25	CS-16	Soluble	Solid	DI Leach	
890-2758-26	CS-17	Soluble	Solid	DI Leach	
890-2758-27	CS-18	Soluble	Solid	DI Leach	
890-2758-28	CS-19	Soluble	Solid	DI Leach	
890-2758-29	CS-20	Soluble	Solid	DI Leach	
890-2758-30	CS-21	Soluble	Solid	DI Leach	
890-2758-31	CS-22	Soluble	Solid	DI Leach	
890-2758-32	CS-23	Soluble	Solid	DI Leach	
890-2758-33	CS-24	Soluble	Solid	DI Leach	
890-2758-34	CS-25	Soluble	Solid	DI Leach	
890-2758-35	CS-26	Soluble	Solid	DI Leach	
890-2758-36	CS-27	Soluble	Solid	DI Leach	
890-2758-37	CS-28	Soluble	Solid	DI Leach	
890-2758-38	CS-29	Soluble	Solid	DI Leach	
890-2758-39	CS-30	Soluble	Solid	DI Leach	
890-2758-40	CS-31	Soluble	Solid	DI Leach	
MB 880-32317/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-32317/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-32317/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-2758-21 MS	CS-12	Soluble	Solid	DI Leach	

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QC Association Summary

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

HPLC/IC (Continued)

Leach Batch: 32317 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2758-21 MSD	CS-12	Soluble	Solid	DI Leach	
890-2758-31 MS	CS-22	Soluble	Solid	DI Leach	
890-2758-31 MSD	CS-22	Soluble	Solid	DI Leach	

Leach Batch: 32318

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2758-41	CS-32	Soluble	Solid	DI Leach	
890-2758-42	CS-33	Soluble	Solid	DI Leach	
890-2758-43	CS-34	Soluble	Solid	DI Leach	
890-2758-44	CS-35	Soluble	Solid	DI Leach	
890-2758-45	CS-36	Soluble	Solid	DI Leach	
890-2758-46	CS-37	Soluble	Solid	DI Leach	
890-2758-47	CS-38	Soluble	Solid	DI Leach	
890-2758-48	CS-39	Soluble	Solid	DI Leach	
890-2758-49	CS-40	Soluble	Solid	DI Leach	
890-2758-50	CS-41	Soluble	Solid	DI Leach	
890-2758-51	CS-42	Soluble	Solid	DI Leach	
890-2758-52	CS-43	Soluble	Solid	DI Leach	
890-2758-53	CS-44	Soluble	Solid	DI Leach	
890-2758-54	CS-38	Soluble	Solid	DI Leach	
MB 880-32318/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-32318/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-32318/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-2758-41 MS	CS-32	Soluble	Solid	DI Leach	
890-2758-41 MSD	CS-32	Soluble	Solid	DI Leach	
890-2758-51 MS	CS-42	Soluble	Solid	DI Leach	
890-2758-51 MSD	CS-42	Soluble	Solid	DI Leach	

Analysis Batch: 32702

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2758-1	SW-1	Soluble	Solid	300.0	32316
890-2758-2	SW-2	Soluble	Solid	300.0	32316
890-2758-3	SW-3	Soluble	Solid	300.0	32316
890-2758-4	SW-4	Soluble	Solid	300.0	32316
890-2758-5	SW-5	Soluble	Solid	300.0	32316
890-2758-6	SW-6	Soluble	Solid	300.0	32316
890-2758-7	SW-7	Soluble	Solid	300.0	32316
890-2758-8	SW-8	Soluble	Solid	300.0	32316
890-2758-9	SW-9	Soluble	Solid	300.0	32316
890-2758-10	CS-1	Soluble	Solid	300.0	32316
890-2758-11	CS-2	Soluble	Solid	300.0	32316
890-2758-12	CS-3	Soluble	Solid	300.0	32316
890-2758-13	CS-4	Soluble	Solid	300.0	32316
890-2758-14	CS-5	Soluble	Solid	300.0	32316
890-2758-15	CS-6	Soluble	Solid	300.0	32316
890-2758-16	CS-7	Soluble	Solid	300.0	32316
890-2758-17	CS-8	Soluble	Solid	300.0	32316
890-2758-18	CS-9	Soluble	Solid	300.0	32316
890-2758-19	CS-10	Soluble	Solid	300.0	32316
890-2758-20	CS-11	Soluble	Solid	300.0	32316
MB 880-32316/1-A	Method Blank	Soluble	Solid	300.0	32316

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QC Association Summary

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

HPLC/IC (Continued)

Analysis Batch: 32702 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-32316/2-A	Lab Control Sample	Soluble	Solid	300.0	32316
LCSD 880-32316/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	32316
890-2758-1 MS	SW-1	Soluble	Solid	300.0	32316
890-2758-1 MSD	SW-1	Soluble	Solid	300.0	32316
890-2758-11 MS	CS-2	Soluble	Solid	300.0	32316
890-2758-11 MSD	CS-2	Soluble	Solid	300.0	32316

Analysis Batch: 32704

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2758-21	CS-12	Soluble	Solid	300.0	32317
890-2758-22	CS-13	Soluble	Solid	300.0	32317
890-2758-23	CS-14	Soluble	Solid	300.0	32317
890-2758-24	CS-15	Soluble	Solid	300.0	32317
890-2758-25	CS-16	Soluble	Solid	300.0	32317
890-2758-26	CS-17	Soluble	Solid	300.0	32317
890-2758-27	CS-18	Soluble	Solid	300.0	32317
890-2758-28	CS-19	Soluble	Solid	300.0	32317
890-2758-29	CS-20	Soluble	Solid	300.0	32317
890-2758-30	CS-21	Soluble	Solid	300.0	32317
890-2758-31	CS-22	Soluble	Solid	300.0	32317
890-2758-32	CS-23	Soluble	Solid	300.0	32317
890-2758-33	CS-24	Soluble	Solid	300.0	32317
890-2758-34	CS-25	Soluble	Solid	300.0	32317
890-2758-35	CS-26	Soluble	Solid	300.0	32317
890-2758-36	CS-27	Soluble	Solid	300.0	32317
890-2758-37	CS-28	Soluble	Solid	300.0	32317
890-2758-38	CS-29	Soluble	Solid	300.0	32317
890-2758-39	CS-30	Soluble	Solid	300.0	32317
890-2758-40	CS-31	Soluble	Solid	300.0	32317
MB 880-32317/1-A	Method Blank	Soluble	Solid	300.0	32317
LCS 880-32317/2-A	Lab Control Sample	Soluble	Solid	300.0	32317
LCSD 880-32317/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	32317
890-2758-21 MS	CS-12	Soluble	Solid	300.0	32317
890-2758-21 MSD	CS-12	Soluble	Solid	300.0	32317
890-2758-31 MS	CS-22	Soluble	Solid	300.0	32317
890-2758-31 MSD	CS-22	Soluble	Solid	300.0	32317

Analysis Batch: 32770

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2758-41	CS-32	Soluble	Solid	300.0	32318
890-2758-42	CS-33	Soluble	Solid	300.0	32318
890-2758-43	CS-34	Soluble	Solid	300.0	32318
890-2758-44	CS-35	Soluble	Solid	300.0	32318
890-2758-45	CS-36	Soluble	Solid	300.0	32318
890-2758-46	CS-37	Soluble	Solid	300.0	32318
890-2758-47	CS-38	Soluble	Solid	300.0	32318
890-2758-48	CS-39	Soluble	Solid	300.0	32318
890-2758-49	CS-40	Soluble	Solid	300.0	32318
890-2758-50	CS-41	Soluble	Solid	300.0	32318
890-2758-51	CS-42	Soluble	Solid	300.0	32318
890-2758-52	CS-43	Soluble	Solid	300.0	32318

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QC Association Summary

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

HPLC/IC (Continued)

Analysis Batch: 32770 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2758-53	CS-44	Soluble	Solid	300.0	32318
890-2758-54	CS-38	Soluble	Solid	300.0	32318
MB 880-32318/1-A	Method Blank	Soluble	Solid	300.0	32318
LCS 880-32318/2-A	Lab Control Sample	Soluble	Solid	300.0	32318
LCSD 880-32318/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	32318
890-2758-41 MS	CS-32	Soluble	Solid	300.0	32318
890-2758-41 MSD	CS-32	Soluble	Solid	300.0	32318
890-2758-51 MS	CS-42	Soluble	Solid	300.0	32318
890-2758-51 MSD	CS-42	Soluble	Solid	300.0	32318

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Lab Chronicle

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: SW-1

Lab Sample ID: 890-2758-1

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	32788	08/23/22 15:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33109	08/28/22 01:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			33234	08/29/22 13:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			32409	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32365	08/17/22 14:23	DM	EET MID
Total/NA	Analysis	8015B NM		1			32193	08/17/22 21:41	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	32316	08/17/22 09:09	CH	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	32702	08/26/22 04:48	SMC	EET MID

Client Sample ID: SW-2

Lab Sample ID: 890-2758-2

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	32788	08/23/22 15:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33109	08/28/22 02:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			33234	08/29/22 13:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			32409	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	32365	08/17/22 14:23	DM	EET MID
Total/NA	Analysis	8015B NM		1			32193	08/18/22 07:43	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	32316	08/17/22 09:09	CH	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	32702	08/26/22 05:11	SMC	EET MID

Client Sample ID: SW-3

Lab Sample ID: 890-2758-3

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	32788	08/23/22 15:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33109	08/28/22 02:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			33234	08/29/22 13:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			32409	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32365	08/17/22 14:23	DM	EET MID
Total/NA	Analysis	8015B NM		1			32193	08/17/22 23:08	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	32316	08/17/22 09:09	CH	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	32702	08/26/22 05:19	SMC	EET MID

Client Sample ID: SW-4

Lab Sample ID: 890-2758-4

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	32788	08/23/22 15:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33109	08/28/22 02:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			33234	08/29/22 13:26	SM	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: SW-4

Lab Sample ID: 890-2758-4

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			32409	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	32365	08/17/22 14:23	DM	EET MID
Total/NA	Analysis	8015B NM		1			32193	08/17/22 23:29	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	32316	08/17/22 09:09	CH	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	32702	08/26/22 05:27	SMC	EET MID

Client Sample ID: SW-5

Lab Sample ID: 890-2758-5

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	32788	08/23/22 15:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33109	08/28/22 03:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			33234	08/29/22 13:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			32409	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	32394	08/18/22 09:11	DM	EET MID
Total/NA	Analysis	8015B NM		1			32384	08/18/22 13:56	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	32316	08/17/22 09:09	CH	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	32702	08/26/22 05:35	SMC	EET MID

Client Sample ID: SW-6

Lab Sample ID: 890-2758-6

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	32788	08/23/22 15:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33109	08/28/22 03:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			33234	08/29/22 13:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			32409	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32365	08/17/22 14:23	DM	EET MID
Total/NA	Analysis	8015B NM		1			32193	08/17/22 23:51	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	32316	08/17/22 09:09	CH	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	32702	08/26/22 05:59	SMC	EET MID

Client Sample ID: SW-7

Lab Sample ID: 890-2758-7

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	32788	08/23/22 15:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33109	08/28/22 03:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			33234	08/29/22 13:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			32409	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32365	08/17/22 14:23	DM	EET MID
Total/NA	Analysis	8015B NM		1			32193	08/18/22 00:12	SM	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: SW-7

Lab Sample ID: 890-2758-7

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	32316	08/17/22 09:09	CH	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	32702	08/26/22 06:06	SMC	EET MID

Client Sample ID: SW-8

Lab Sample ID: 890-2758-8

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	32788	08/23/22 15:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33109	08/28/22 04:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			33234	08/29/22 13:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			32409	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32365	08/17/22 14:23	DM	EET MID
Total/NA	Analysis	8015B NM		1			32193	08/18/22 00:33	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	32316	08/17/22 09:09	CH	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	32702	08/26/22 06:14	SMC	EET MID

Client Sample ID: SW-9

Lab Sample ID: 890-2758-9

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	32788	08/23/22 15:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33109	08/28/22 04:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			33234	08/29/22 13:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			32409	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32365	08/17/22 14:23	DM	EET MID
Total/NA	Analysis	8015B NM		1			32193	08/18/22 03:02	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	32316	08/17/22 09:09	CH	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	32702	08/26/22 06:22	SMC	EET MID

Client Sample ID: CS-1

Lab Sample ID: 890-2758-10

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	32788	08/23/22 15:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33109	08/28/22 04:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			33234	08/29/22 13:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			32409	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32365	08/17/22 14:23	DM	EET MID
Total/NA	Analysis	8015B NM		1			32193	08/18/22 00:55	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	32316	08/17/22 09:09	CH	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	32702	08/26/22 06:30	SMC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: CS-2

Lab Sample ID: 890-2758-11

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	32788	08/23/22 15:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33109	08/28/22 06:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			33234	08/29/22 13:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			32409	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32365	08/17/22 14:23	DM	EET MID
Total/NA	Analysis	8015B NM		1			32193	08/18/22 01:16	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	32316	08/17/22 09:09	CH	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	32702	08/26/22 06:38	SMC	EET MID

Client Sample ID: CS-3

Lab Sample ID: 890-2758-12

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	32788	08/23/22 15:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33109	08/28/22 06:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			33234	08/29/22 13:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			32409	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32365	08/17/22 14:23	DM	EET MID
Total/NA	Analysis	8015B NM		1			32193	08/18/22 01:37	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	32316	08/17/22 09:09	CH	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	32702	08/26/22 07:02	SMC	EET MID

Client Sample ID: CS-4

Lab Sample ID: 890-2758-13

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	32788	08/23/22 15:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33109	08/28/22 07:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			33234	08/29/22 13:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			32409	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32365	08/17/22 14:23	DM	EET MID
Total/NA	Analysis	8015B NM		1			32193	08/18/22 02:19	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	32316	08/17/22 09:09	CH	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	32702	08/26/22 07:10	SMC	EET MID

Client Sample ID: CS-5

Lab Sample ID: 890-2758-14

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	32788	08/23/22 15:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33109	08/28/22 07:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			33234	08/29/22 13:26	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: CS-5

Lab Sample ID: 890-2758-14

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			32409	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32365	08/17/22 14:23	DM	EET MID
Total/NA	Analysis	8015B NM		1			32193	08/18/22 02:40	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	32316	08/17/22 09:09	CH	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	32702	08/26/22 07:33	SMC	EET MID

Client Sample ID: CS-6

Lab Sample ID: 890-2758-15

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	32788	08/23/22 15:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33109	08/28/22 07:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			33234	08/29/22 13:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			32409	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32394	08/18/22 09:11	DM	EET MID
Total/NA	Analysis	8015B NM		1			32384	08/18/22 14:18	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	32316	08/17/22 09:09	CH	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	32702	08/26/22 07:41	SMC	EET MID

Client Sample ID: CS-7

Lab Sample ID: 890-2758-16

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	32788	08/23/22 15:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33109	08/28/22 08:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			33234	08/29/22 13:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			32409	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32394	08/18/22 09:11	DM	EET MID
Total/NA	Analysis	8015B NM		1			32384	08/18/22 14:40	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	32316	08/17/22 09:09	CH	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	32702	08/26/22 07:49	SMC	EET MID

Client Sample ID: CS-8

Lab Sample ID: 890-2758-17

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	32788	08/23/22 15:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33109	08/28/22 08:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			33234	08/29/22 13:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			32409	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32394	08/18/22 09:11	DM	EET MID
Total/NA	Analysis	8015B NM		1			32384	08/18/22 15:02	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: CS-8**Lab Sample ID: 890-2758-17****Date Collected: 08/16/22 08:00****Matrix: Solid****Date Received: 08/16/22 08:29**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	32316	08/17/22 09:09	CH	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	32702	08/26/22 07:57	SMC	EET MID

Client Sample ID: CS-9**Lab Sample ID: 890-2758-18****Date Collected: 08/16/22 08:00****Matrix: Solid****Date Received: 08/16/22 08:29**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	32788	08/23/22 15:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33109	08/28/22 09:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			33234	08/29/22 13:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			32409	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	32394	08/18/22 09:11	DM	EET MID
Total/NA	Analysis	8015B NM		1			32384	08/18/22 15:24	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	32316	08/17/22 09:09	CH	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	32702	08/26/22 08:05	SMC	EET MID

Client Sample ID: CS-10**Lab Sample ID: 890-2758-19****Date Collected: 08/16/22 08:00****Matrix: Solid****Date Received: 08/16/22 08:29**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	32788	08/23/22 15:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33109	08/28/22 09:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			33234	08/29/22 13:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			32409	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32394	08/18/22 09:11	DM	EET MID
Total/NA	Analysis	8015B NM		1			32384	08/18/22 15:46	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	32316	08/17/22 09:09	CH	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	32702	08/26/22 08:12	SMC	EET MID

Client Sample ID: CS-11**Lab Sample ID: 890-2758-20****Date Collected: 08/16/22 08:00****Matrix: Solid****Date Received: 08/16/22 08:29**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	32788	08/23/22 15:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33109	08/28/22 09:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			33234	08/29/22 13:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			32409	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32394	08/18/22 09:11	DM	EET MID
Total/NA	Analysis	8015B NM		1			32384	08/18/22 16:58	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	32316	08/17/22 09:09	CH	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	32702	08/26/22 08:20	SMC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: CS-12

Lab Sample ID: 890-2758-21

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	32789	08/23/22 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33108	08/28/22 01:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			33234	08/29/22 13:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			32409	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32394	08/18/22 09:11	DM	EET MID
Total/NA	Analysis	8015B NM		1			32384	08/18/22 17:20	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	32317	08/17/22 09:12	CH	EET MID
Soluble	Analysis	300.0		1			32704	08/24/22 18:19	SMC	EET MID

Client Sample ID: CS-13

Lab Sample ID: 890-2758-22

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	32789	08/23/22 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33108	08/28/22 02:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			33234	08/29/22 13:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			32409	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32394	08/18/22 09:11	DM	EET MID
Total/NA	Analysis	8015B NM		1			32384	08/18/22 17:41	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	32317	08/17/22 09:12	CH	EET MID
Soluble	Analysis	300.0		1			32704	08/24/22 18:46	SMC	EET MID

Client Sample ID: CS-14

Lab Sample ID: 890-2758-23

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	32789	08/23/22 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33108	08/28/22 02:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			33234	08/29/22 13:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			32409	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32394	08/18/22 09:11	DM	EET MID
Total/NA	Analysis	8015B NM		1			32384	08/18/22 18:03	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	32317	08/17/22 09:12	CH	EET MID
Soluble	Analysis	300.0		1			32704	08/24/22 18:55	SMC	EET MID

Client Sample ID: CS-15

Lab Sample ID: 890-2758-24

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	32789	08/23/22 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33108	08/28/22 02:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			33234	08/29/22 13:26	SM	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: CS-15

Lab Sample ID: 890-2758-24

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			32409	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	32394	08/18/22 09:11	DM	EET MID
Total/NA	Analysis	8015B NM		1			32384	08/18/22 18:25	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	32317	08/17/22 09:12	CH	EET MID
Soluble	Analysis	300.0		1			32704	08/24/22 19:05	SMC	EET MID

Client Sample ID: CS-16

Lab Sample ID: 890-2758-25

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	32789	08/23/22 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33108	08/28/22 03:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			33234	08/29/22 13:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			32409	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32365	08/17/22 14:23	DM	EET MID
Total/NA	Analysis	8015B NM		1			32193	08/18/22 03:23	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	32317	08/17/22 09:12	CH	EET MID
Soluble	Analysis	300.0		1			32704	08/24/22 19:14	SMC	EET MID

Client Sample ID: CS-17

Lab Sample ID: 890-2758-26

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	32789	08/23/22 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33108	08/28/22 03:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			33234	08/29/22 13:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			32409	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	32365	08/17/22 14:23	DM	EET MID
Total/NA	Analysis	8015B NM		1			32193	08/18/22 03:44	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	32317	08/17/22 09:12	CH	EET MID
Soluble	Analysis	300.0		1			32704	08/24/22 19:42	SMC	EET MID

Client Sample ID: CS-18

Lab Sample ID: 890-2758-27

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	32789	08/23/22 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33108	08/28/22 03:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			33234	08/29/22 13:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			32409	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	32365	08/17/22 14:23	DM	EET MID
Total/NA	Analysis	8015B NM		1			32193	08/18/22 04:05	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: CS-18

Date Collected: 08/16/22 08:00

Date Received: 08/16/22 08:29

Lab Sample ID: 890-2758-27

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	32317	08/17/22 09:12	CH	EET MID
Soluble	Analysis	300.0		1			32704	08/24/22 20:47	SMC	EET MID

Client Sample ID: CS-19

Date Collected: 08/16/22 08:00

Date Received: 08/16/22 08:29

Lab Sample ID: 890-2758-28

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	32789	08/23/22 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33108	08/28/22 04:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			33234	08/29/22 13:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			32409	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32365	08/17/22 14:23	DM	EET MID
Total/NA	Analysis	8015B NM		1			32193	08/18/22 04:26	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	32317	08/17/22 09:12	CH	EET MID
Soluble	Analysis	300.0		1			32704	08/24/22 20:56	SMC	EET MID

Client Sample ID: CS-20

Date Collected: 08/16/22 08:00

Date Received: 08/16/22 08:29

Lab Sample ID: 890-2758-29

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	32789	08/23/22 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33108	08/28/22 04:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			33234	08/29/22 13:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			32409	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	32365	08/17/22 14:23	DM	EET MID
Total/NA	Analysis	8015B NM		1			32193	08/18/22 04:47	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	32317	08/17/22 09:12	CH	EET MID
Soluble	Analysis	300.0		1			32704	08/24/22 21:05	SMC	EET MID

Client Sample ID: CS-21

Date Collected: 08/16/22 08:00

Date Received: 08/16/22 08:29

Lab Sample ID: 890-2758-30

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	32789	08/23/22 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33108	08/28/22 04:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			33234	08/29/22 13:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			32409	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32365	08/17/22 14:23	DM	EET MID
Total/NA	Analysis	8015B NM		1			32193	08/18/22 05:09	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	32317	08/17/22 09:12	CH	EET MID
Soluble	Analysis	300.0		1			32704	08/24/22 21:14	SMC	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: CS-22

Lab Sample ID: 890-2758-31

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	32789	08/23/22 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33108	08/28/22 06:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			33234	08/29/22 13:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			32409	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	32365	08/17/22 14:23	DM	EET MID
Total/NA	Analysis	8015B NM		1			32193	08/18/22 05:30	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	32317	08/17/22 09:12	CH	EET MID
Soluble	Analysis	300.0		1			32704	08/24/22 21:24	SMC	EET MID

Client Sample ID: CS-23

Lab Sample ID: 890-2758-32

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	32789	08/23/22 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33108	08/28/22 06:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			33234	08/29/22 13:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			32409	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	32394	08/18/22 09:11	DM	EET MID
Total/NA	Analysis	8015B NM		1			32384	08/18/22 18:47	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	32317	08/17/22 09:12	CH	EET MID
Soluble	Analysis	300.0		1			32704	08/24/22 21:51	SMC	EET MID

Client Sample ID: CS-24

Lab Sample ID: 890-2758-33

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	32789	08/23/22 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33108	08/28/22 06:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			33234	08/29/22 13:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			32409	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	32394	08/18/22 09:11	DM	EET MID
Total/NA	Analysis	8015B NM		1			32384	08/18/22 19:09	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	32317	08/17/22 09:12	CH	EET MID
Soluble	Analysis	300.0		1			32704	08/24/22 22:01	SMC	EET MID

Client Sample ID: CS-25

Lab Sample ID: 890-2758-34

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	32789	08/23/22 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33108	08/28/22 12:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			33234	08/29/22 13:26	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: CS-25

Lab Sample ID: 890-2758-34

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			32409	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32394	08/18/22 09:11	DM	EET MID
Total/NA	Analysis	8015B NM		1			32384	08/18/22 19:31	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	32317	08/17/22 09:12	CH	EET MID
Soluble	Analysis	300.0		1			32704	08/24/22 22:28	SMC	EET MID

Client Sample ID: CS-26

Lab Sample ID: 890-2758-35

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	32789	08/23/22 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33108	08/28/22 12:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			33234	08/29/22 13:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			32409	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	32394	08/18/22 09:11	DM	EET MID
Total/NA	Analysis	8015B NM		1			32384	08/18/22 19:53	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	32317	08/17/22 09:12	CH	EET MID
Soluble	Analysis	300.0		1			32704	08/24/22 22:38	SMC	EET MID

Client Sample ID: CS-27

Lab Sample ID: 890-2758-36

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	32789	08/23/22 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33108	08/28/22 14:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			33234	08/29/22 13:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			32409	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32394	08/18/22 09:11	DM	EET MID
Total/NA	Analysis	8015B NM		1			32384	08/18/22 20:15	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	32317	08/17/22 09:12	CH	EET MID
Soluble	Analysis	300.0		1			32704	08/24/22 22:47	SMC	EET MID

Client Sample ID: CS-28

Lab Sample ID: 890-2758-37

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	32789	08/23/22 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33108	08/28/22 14:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			33234	08/29/22 13:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			32409	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	32395	08/18/22 09:14	DM	EET MID
Total/NA	Analysis	8015B NM		1			32386	08/18/22 13:34	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: CS-28

Lab Sample ID: 890-2758-37

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	32317	08/17/22 09:12	CH	EET MID
Soluble	Analysis	300.0		1			32704	08/24/22 22:56	SMC	EET MID

Client Sample ID: CS-29

Lab Sample ID: 890-2758-38

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	32789	08/23/22 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33108	08/28/22 14:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			33234	08/29/22 13:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			32409	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	32395	08/18/22 09:14	DM	EET MID
Total/NA	Analysis	8015B NM		1			32386	08/18/22 13:56	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	32317	08/17/22 09:12	CH	EET MID
Soluble	Analysis	300.0		1			32704	08/24/22 23:05	SMC	EET MID

Client Sample ID: CS-30

Lab Sample ID: 890-2758-39

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	32789	08/23/22 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33108	08/28/22 15:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			33234	08/29/22 13:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			32409	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32395	08/18/22 09:14	DM	EET MID
Total/NA	Analysis	8015B NM		1			32386	08/18/22 14:18	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	32317	08/17/22 09:12	CH	EET MID
Soluble	Analysis	300.0		1			32704	08/24/22 23:14	SMC	EET MID

Client Sample ID: CS-31

Lab Sample ID: 890-2758-40

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	32789	08/23/22 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33108	08/28/22 15:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			33234	08/29/22 13:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			32409	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32395	08/18/22 09:14	DM	EET MID
Total/NA	Analysis	8015B NM		1			32386	08/18/22 14:40	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	32317	08/17/22 09:12	CH	EET MID
Soluble	Analysis	300.0		1			32704	08/24/22 23:24	SMC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: CS-32

Lab Sample ID: 890-2758-41

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	32794	08/23/22 15:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33042	08/27/22 09:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			33234	08/29/22 13:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			32409	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32395	08/18/22 09:14	DM	EET MID
Total/NA	Analysis	8015B NM		1			32386	08/18/22 15:02	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	32318	08/17/22 09:14	CH	EET MID
Soluble	Analysis	300.0		1			32770	08/25/22 02:07	SMC	EET MID

Client Sample ID: CS-33

Lab Sample ID: 890-2758-42

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	32794	08/23/22 15:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33042	08/27/22 10:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			33234	08/29/22 13:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			32409	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	32395	08/18/22 09:14	DM	EET MID
Total/NA	Analysis	8015B NM		1			32386	08/18/22 15:24	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	32318	08/17/22 09:14	CH	EET MID
Soluble	Analysis	300.0		1			32770	08/25/22 02:30	SMC	EET MID

Client Sample ID: CS-34

Lab Sample ID: 890-2758-43

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	32794	08/23/22 15:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33042	08/27/22 10:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			33234	08/29/22 13:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			32409	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32395	08/18/22 09:14	DM	EET MID
Total/NA	Analysis	8015B NM		1			32386	08/18/22 15:46	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	32318	08/17/22 09:14	CH	EET MID
Soluble	Analysis	300.0		1			32770	08/25/22 02:38	SMC	EET MID

Client Sample ID: CS-35

Lab Sample ID: 890-2758-44

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	32794	08/23/22 15:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33042	08/27/22 10:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			33234	08/29/22 13:26	SM	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: CS-35

Lab Sample ID: 890-2758-44

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			32409	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32395	08/18/22 09:14	DM	EET MID
Total/NA	Analysis	8015B NM		1			32386	08/18/22 16:58	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	32318	08/17/22 09:14	CH	EET MID
Soluble	Analysis	300.0		1			32770	08/25/22 02:46	SMC	EET MID

Client Sample ID: CS-36

Lab Sample ID: 890-2758-45

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	32794	08/23/22 15:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33042	08/27/22 11:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			33234	08/29/22 13:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			32409	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32395	08/18/22 09:14	DM	EET MID
Total/NA	Analysis	8015B NM		1			32386	08/18/22 17:20	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	32318	08/17/22 09:14	CH	EET MID
Soluble	Analysis	300.0		1			32770	08/25/22 02:54	SMC	EET MID

Client Sample ID: CS-37

Lab Sample ID: 890-2758-46

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	32794	08/23/22 15:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33042	08/27/22 11:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			33234	08/29/22 13:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			32409	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32395	08/18/22 09:14	DM	EET MID
Total/NA	Analysis	8015B NM		1			32386	08/18/22 17:41	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	32318	08/17/22 09:14	CH	EET MID
Soluble	Analysis	300.0		1			32770	08/25/22 03:18	SMC	EET MID

Client Sample ID: CS-38

Lab Sample ID: 890-2758-47

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	32794	08/23/22 15:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33042	08/27/22 12:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			33234	08/29/22 13:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			32409	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32395	08/18/22 09:14	DM	EET MID
Total/NA	Analysis	8015B NM		1			32386	08/18/22 18:03	SM	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: CS-38

Lab Sample ID: 890-2758-47

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	32318	08/17/22 09:14	CH	EET MID
Soluble	Analysis	300.0		1			32770	08/25/22 03:25	SMC	EET MID

Client Sample ID: CS-39

Lab Sample ID: 890-2758-48

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	32794	08/23/22 15:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33042	08/27/22 12:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			33234	08/29/22 13:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			32409	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	32395	08/18/22 09:14	DM	EET MID
Total/NA	Analysis	8015B NM		1			32386	08/18/22 18:25	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	32318	08/17/22 09:14	CH	EET MID
Soluble	Analysis	300.0		1			32770	08/25/22 03:33	SMC	EET MID

Client Sample ID: CS-40

Lab Sample ID: 890-2758-49

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	32794	08/23/22 15:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33042	08/27/22 13:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			33234	08/29/22 13:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			32409	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32395	08/18/22 09:14	DM	EET MID
Total/NA	Analysis	8015B NM		1			32386	08/18/22 18:47	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	32318	08/17/22 09:14	CH	EET MID
Soluble	Analysis	300.0		1			32770	08/25/22 03:41	SMC	EET MID

Client Sample ID: CS-41

Lab Sample ID: 890-2758-50

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	32794	08/23/22 15:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33042	08/27/22 13:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			33234	08/29/22 13:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			32409	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	32395	08/18/22 09:14	DM	EET MID
Total/NA	Analysis	8015B NM		1			32386	08/18/22 19:09	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	32318	08/17/22 09:14	CH	EET MID
Soluble	Analysis	300.0		1			32770	08/25/22 03:49	SMC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: CS-42

Lab Sample ID: 890-2758-51

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	32794	08/23/22 15:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33042	08/27/22 15:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			33234	08/29/22 13:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			32409	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32395	08/18/22 09:14	DM	EET MID
Total/NA	Analysis	8015B NM		1			32386	08/18/22 19:31	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	32318	08/17/22 09:14	CH	EET MID
Soluble	Analysis	300.0		1			32770	08/25/22 03:57	SMC	EET MID

Client Sample ID: CS-43

Lab Sample ID: 890-2758-52

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	32794	08/23/22 15:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33042	08/27/22 15:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			33234	08/29/22 13:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			32409	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	32395	08/18/22 09:14	DM	EET MID
Total/NA	Analysis	8015B NM		1			32386	08/18/22 19:53	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	32318	08/17/22 09:14	CH	EET MID
Soluble	Analysis	300.0		1			32770	08/25/22 04:20	SMC	EET MID

Client Sample ID: CS-44

Lab Sample ID: 890-2758-53

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	32794	08/23/22 15:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33042	08/27/22 16:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			33234	08/29/22 13:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			32409	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32395	08/18/22 09:14	DM	EET MID
Total/NA	Analysis	8015B NM		1			32386	08/18/22 20:15	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	32318	08/17/22 09:14	CH	EET MID
Soluble	Analysis	300.0		1			32770	08/25/22 04:28	SMC	EET MID

Client Sample ID: CS-38

Lab Sample ID: 890-2758-54

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	32794	08/23/22 15:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33042	08/27/22 16:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			33234	08/29/22 13:26	SM	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Client Sample ID: CS-38
Date Collected: 08/16/22 08:00
Date Received: 08/16/22 08:29

Lab Sample ID: 890-2758-54
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			32409	08/18/22 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	32517	08/19/22 13:54	DM	EET MID
Total/NA	Analysis	8015B NM		1			32464	08/19/22 22:43	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	32318	08/17/22 09:14	CH	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	32770	08/25/22 04:52	SMC	EET MID

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

Accreditation/Certification Summary

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-24	06-30-23
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

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

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Eurofins Carlsbad

Sample Summary

Client: NT Global
Project/Site: Smokey Bits

Job ID: 890-2758-1
SDG: Lea County

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-2758-1	SW-1	Solid	08/16/22 08:00	08/16/22 08:29	
890-2758-2	SW-2	Solid	08/16/22 08:00	08/16/22 08:29	
890-2758-3	SW-3	Solid	08/16/22 08:00	08/16/22 08:29	
890-2758-4	SW-4	Solid	08/16/22 08:00	08/16/22 08:29	
890-2758-5	SW-5	Solid	08/16/22 08:00	08/16/22 08:29	
890-2758-6	SW-6	Solid	08/16/22 08:00	08/16/22 08:29	
890-2758-7	SW-7	Solid	08/16/22 08:00	08/16/22 08:29	
890-2758-8	SW-8	Solid	08/16/22 08:00	08/16/22 08:29	
890-2758-9	SW-9	Solid	08/16/22 08:00	08/16/22 08:29	
890-2758-10	CS-1	Solid	08/16/22 08:00	08/16/22 08:29	
890-2758-11	CS-2	Solid	08/16/22 08:00	08/16/22 08:29	
890-2758-12	CS-3	Solid	08/16/22 08:00	08/16/22 08:29	
890-2758-13	CS-4	Solid	08/16/22 08:00	08/16/22 08:29	
890-2758-14	CS-5	Solid	08/16/22 08:00	08/16/22 08:29	
890-2758-15	CS-6	Solid	08/16/22 08:00	08/16/22 08:29	
890-2758-16	CS-7	Solid	08/16/22 08:00	08/16/22 08:29	
890-2758-17	CS-8	Solid	08/16/22 08:00	08/16/22 08:29	
890-2758-18	CS-9	Solid	08/16/22 08:00	08/16/22 08:29	
890-2758-19	CS-10	Solid	08/16/22 08:00	08/16/22 08:29	
890-2758-20	CS-11	Solid	08/16/22 08:00	08/16/22 08:29	
890-2758-21	CS-12	Solid	08/16/22 08:00	08/16/22 08:29	
890-2758-22	CS-13	Solid	08/16/22 08:00	08/16/22 08:29	
890-2758-23	CS-14	Solid	08/16/22 08:00	08/16/22 08:29	
890-2758-24	CS-15	Solid	08/16/22 08:00	08/16/22 08:29	
890-2758-25	CS-16	Solid	08/16/22 08:00	08/16/22 08:29	
890-2758-26	CS-17	Solid	08/16/22 08:00	08/16/22 08:29	
890-2758-27	CS-18	Solid	08/16/22 08:00	08/16/22 08:29	
890-2758-28	CS-19	Solid	08/16/22 08:00	08/16/22 08:29	
890-2758-29	CS-20	Solid	08/16/22 08:00	08/16/22 08:29	
890-2758-30	CS-21	Solid	08/16/22 08:00	08/16/22 08:29	
890-2758-31	CS-22	Solid	08/16/22 08:00	08/16/22 08:29	
890-2758-32	CS-23	Solid	08/16/22 08:00	08/16/22 08:29	
890-2758-33	CS-24	Solid	08/16/22 08:00	08/16/22 08:29	
890-2758-34	CS-25	Solid	08/16/22 08:00	08/16/22 08:29	
890-2758-35	CS-26	Solid	08/16/22 08:00	08/16/22 08:29	
890-2758-36	CS-27	Solid	08/16/22 08:00	08/16/22 08:29	
890-2758-37	CS-28	Solid	08/16/22 08:00	08/16/22 08:29	
890-2758-38	CS-29	Solid	08/16/22 08:00	08/16/22 08:29	
890-2758-39	CS-30	Solid	08/16/22 08:00	08/16/22 08:29	
890-2758-40	CS-31	Solid	08/16/22 08:00	08/16/22 08:29	
890-2758-41	CS-32	Solid	08/16/22 08:00	08/16/22 08:29	
890-2758-42	CS-33	Solid	08/16/22 08:00	08/16/22 08:29	
890-2758-43	CS-34	Solid	08/16/22 08:00	08/16/22 08:29	
890-2758-44	CS-35	Solid	08/16/22 08:00	08/16/22 08:29	
890-2758-45	CS-36	Solid	08/16/22 08:00	08/16/22 08:29	
890-2758-46	CS-37	Solid	08/16/22 08:00	08/16/22 08:29	
890-2758-47	CS-38	Solid	08/16/22 08:00	08/16/22 08:29	7'
890-2758-48	CS-39	Solid	08/16/22 08:00	08/16/22 08:29	
890-2758-49	CS-40	Solid	08/16/22 08:00	08/16/22 08:29	
890-2758-50	CS-41	Solid	08/16/22 08:00	08/16/22 08:29	
890-2758-51	CS-42	Solid	08/16/22 08:00	08/16/22 08:29	
890-2758-52	CS-43	Solid	08/16/22 08:00	08/16/22 08:29	
890-2758-53	CS-44	Solid	08/16/22 08:00	08/16/22 08:29	
890-2758-54	CS-38	Solid	08/16/22 08:00	08/16/22 08:29	7.5'




Chain of Custody

Work Order No: _____

Page 1 of 6

Project Manager:	Ethan Sessums	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	Colgate
Address:	402 E Wood Ave	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	254-266-5456	Email:	

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDO <input type="checkbox"/> ADaPT <input type="checkbox"/> Other: _____	

ANALYSIS REQUEST										Preservative Codes			
Project Name:		Smokey Bits		Turn Around		Pres. Code				None: NO		DI Water: H ₂ O	
Project Number:		225842		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush						Cool: Cool		MeOH: Me	
Project Location:		Lea County		Due Date:						HCL: HC		HNO ₃ : HN	
Sampler's Name:		Tyler Kimball		TAT starts the day received by the lab, if received by 4:30pm						H ₂ SO ₄ : H ₂		NaOH: Na	
PO #													
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No		H ₃ PO ₄ : HP			
Received Intact:		Yes No		Thermometer ID:				TN-887		NaHSO ₄ : NABIS			
Cooler Custody Seals:		Yes No		Correction Factor:				-0.2		Na ₂ S ₂ O ₃ : NaSO ₃			
Sample Custody Seals:		Yes No		Temperature Reading:				1.2		Zn Acetate+NaOH: Zn			
Total Containers:		54		Corrected Temperature:				1.0		NaOH+Ascorbic Acid: SAPC			
Parameters													
BTEX 8021B													
H 8015M (GRO + DRO + MRO)													
Chloride 4500													
													
890-2756 Chain of Custody													
HOLD													

[illegible]

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>[Signature]</i>	<i>[Signature]</i>	8/16/02 8:29 ²			
3 <i>[Signature]</i>		4			
5		6			



Chain of Custody

Work Order No: _____

Page 2 of 6

Project Manager:	Ethan Sessums	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	Colgate
Address:	402 E Wood Ave	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	254-266-5456	Email:	

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level: I <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Smokey Bits	Turn Around	Pres. Code	ANALYSIS REQUEST										Preservative Codes			
Project Number:	225642	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush														None: NO	DI Water: H ₂ O
Project Location:	Lea County	Due Date:														Cool: Cool	MeOH: Me
Sampler's Name:	Tyler Kimball	TAT starts the day received by the lab, if received by 4:30pm														HCL: HC	HNO ₃ : HN
PO #:																H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT		Temp Blank:	Yes No	Thermometer ID:	Yes No	Wet Ice:	Yes No									H ₃ PO ₄ : HP	
Received Inact:	Yes No															NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes No			Correction factor:												Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	Yes No	N/A		Temperature Reading:												Zn Acetate+NaOH: Zn	
Total Containers:	54			Corrected Temperature:												NaOH+Ascorbic Acid: SARC	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	TPH										Sample Comments		
CS-2	8/16/2022				Comp	1	X	X	X	X									
CS-3	8/16/2022				Comp	1	X	X	X	X									
CS-4	8/16/2022				Comp	1	X	X	X	X									
CS-5	8/16/2022				Comp	1	X	X	X	X									
CS-6	8/16/2022				Comp	1	X	X	X	X									
CS-7	8/16/2022				Comp	1	X	X	X	X									
CS-8	8/16/2022				Comp	1	X	X	X	X									
CS-9	8/16/2022				Comp	1	X	X	X	X									
CS-10	8/16/2022				Comp	1	X	X	X	X									
CS-11	8/16/2022				Comp	1	X	X	X	X									

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>Y. Kimball</i>	<i>Ethan Sessums</i>	8/16/22 8:29			



Chain of Custody

Work Order No: _____

Page 3 of 6

Project Manager:	Ethan Sessums	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	Colgate
Address:	402 E Wood Ave	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	254-266-5456	Email:	

Work Order Comments	
Program: <input type="checkbox"/> PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund	
State of Project:	
Reporting Level: <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> FRP <input type="checkbox"/> Level IV	
Deliverables: <input type="checkbox"/> EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:		Smokey Bits		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes					
Project Number:	225842		<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush	Due Date:														None: NO	DI Water: H ₂ O				
Project Location:	Lea County																							
Sampler's Name:	Tyler Kimball		TAT starts the day received by the lab, if received by 4:30pm																					
PO #:																	Cool: Cool	MeOH: Me						
SAMPLE RECEIPT			Temp Blank:	Yes	No	Yes	No	W/Advice:	Yes	No													H ₂ SO ₄ : H ₂	NaOH: Na
Received Intact:	Yes		No	Thermoprobe ID:													H ₃ PO ₄ : HP							
Cooler Custody Seals:	Yes		No	N/A	Correction Factor:													NaHSO ₄ : NABIS						
Sample Custody Seals:	Yes		No	N/A	Temperature Reading:													Na ₂ S ₂ O ₃ : NaSO ₃						
Total Containers:	54		Corrected Temperature:													Zn Acetate+NaOH: Zn								
																NaOH+Ascorbic Acid: SAPC								
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments				
CS-12		8/16/2022				Comp	1	X	X	X	X													
CS-13		8/16/2022				Comp	1	X	X	X	X													
CS-14		8/16/2022				Comp	1	X	X	X	X													
CS-15		8/16/2022				Comp	1	X	X	X	X													
CS-16		8/16/2022				Comp	1	X	X	X	X													
CS-17		8/16/2022				Comp	1	X	X	X	X													
CS-18		8/16/2022				Comp	1	X	X	X	X													
CS-19		8/16/2022				Comp	1	X	X	X	X													
CS-20		8/16/2022				Comp	1	X	X	X	X													
CS-21		8/16/2022				Comp	1	X	X	X	X													

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	8/16/22 8:29			



Chain of Custody

Work Order No: _____

Page 4 of 6

Project Manager:	Ethan Sessums	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	Colgate
Address:	402 E Wood Ave	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	254-266-5456	Email:	

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level: Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:		Smokey Bits		Turn Around			Pres. Code	ANALYSIS REQUEST										Preservative Codes	
Project Number:		225842		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush			None: NO	DI Water: H ₂ O											
Project Location:		Lea County		Due Date:				Cool: Cool	MeOH: Me										
Sampler's Name:		Tyler Kimball		TAT starts the day received by the lab, if received by 4:30pm				HCL: HC	HNO ₃ : HN										
PO #:								H ₂ SO ₄ : H ₂	NaOH: Na										
SAMPLE RECEIPT		Temp Blank:		Yes No		Yes No		Wet Ice:		Yes No									
Received Inact:		Yes No		Thermometer ID:															
Cooler Custody Seals:		Yes No		N/A		Correction Factor:													
Sample Custody Seals:		Yes No		N/A		Temperature Reading:													
Total Containers:		54		Corrected Temperature:															
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont							
CS-22		8/16/2022								Comp		1		X	X	X			
CS-23		8/16/2022								Comp		1		X	X	X			
CS-24		8/16/2022								Comp		1		X	X	X			
CS-25		8/16/2022								Comp		1		X	X	X			
CS-26		8/16/2022								Comp		1		X	X	X			
CS-27		8/16/2022								Comp		1		X	X	X			
CS-28		8/16/2022								Comp		1		X	X	X			
CS-29		8/16/2022								Comp		1		X	X	X			
CS-30		8/16/2022								Comp		1		X	X	X			
CS-31		8/16/2022								Comp		1		X	X	X			

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		8/16/2022 8:39			



Chain of Custody

Work Order No: _____

Page 5 of 6

Project Manager:	Elthan Sessums		Bill to: (if different)	
Company Name:	NTG Environmental		Company Name:	Colgate
Address:	402 E Wood Ave		Address:	
City, State ZIP:	Carlsbad, NM 88220		City, State ZIP:	
Phone:	254-266-5456	Email:		



Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other: _____	

Project Name:		Smokey Bits		Turn Around		Pres. Code		ANALYSIS REQUEST										Preservative Codes			
Project Number:		225842		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush												None: NO		DI Water: H ₂ O			
Project Location:		Lea County		Due Date:														Cool: Cool		MeOH: Me	
Sampler's Name:		Tyler Kimball		TAT starts the day received by the lab, if received by 4:30pm														HCL: HC		HNO ₃ : HN	
PO #																		H ₂ SO ₄ : H ₂		NaOH: Na	
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No										H ₃ PO ₄ : HP			
Received Intact:		Yes No		Thermomixer ID:														NaHSO ₄ : NABIS			
Cooler Custody Seals:		Yes No N/A		Correction Factor:														Na ₂ S ₂ O ₃ : NaSO ₃			
Sample Custody Seals:		Yes No N/A		Temperature Reading:														Zn Acetate+NaOH: Zn			
Total Containers:		54		Corrected Temperature:														NaOH+Ascorbic Acid: SASC			

[illegible]

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 		8/16/22 5:30			
3		4			
5		6			

Revised Date: 08/01/2020 Rev. 2020



Chain of Custody

Work Order No: _____

Page 6 of 6

Project Manager:	Ethan Seassums	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	Colgate
Address:	402 E Wood Ave	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	254-266-5456	Email:	



Work Order Comments
Program: UST/ST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/> State of Project: Reporting: Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/> Deliverables: EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other: _____

SAMPLE RECEIPT				Turn Around		ANALYSIS REQUEST										Preservative Codes		
Project Name:	Smokey Bits			<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush		Pres. Code										None: NO	DI Water: H ₂ O	
Project Number:	225842															Cool: Cool	MeOH: Me	
Project Location	Lea County			Due Date:												HCL: HC	HNO ₃ : HN	
Sampler's Name:	Tyler Kimball			TAT starts the day received by the lab, if received by 4:30pm												H ₂ SO ₄ : H ₂	NaOH: Na	
PO #																		
Temp Blank:				Yes	No	Thermometer ID:	Wet Ice:		Yes	No	HOLD						H ₃ PO ₄ : HP	
Received Intact:	Yes			No													NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes			No	N/A	Correction Factor:											Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	Yes			No	N/A	Temperature Reading:											Zn Acetate+NaOH: Zn	
Total Containers:	54			Corrected Temperature:													NaOH+Ascorbic Acid: SAFC	

[illegible]

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		8/16/03 6:00			

Revised Form 06/07/03 BSA 30704

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-2758-1

SDG Number: Lea County

Login Number: 2758

List Number: 1

Creator: Stutzman, Amanda

List Source: Eurofins Carlsbad

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

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-2758-1


SDG Number: Lea County

Login Number: 2758**List Number: 2****Creator: Rodriguez, Leticia****List Source: Eurofins Midland****List Creation: 08/17/22 11:50 AM**

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

Eurofins Carlsbad**Job Notes**

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

Authorization

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

Generated
11/16/2022 9:58:32 AM
Revision 1

BBC DELINEATION/REMEDIATION WORKPLAN



PHONE (575) 397-6388 • FAX (575) 397- 0397 • 1324 W. MARLAND • P.O. BOX 805 • HOBBS, NM 88241-0805
E-MAIL: cbrunson@bbcinternational.com

DELINEATION/REMEDATION WORKPLAN

OXY – SMOKEY BITS CTB (Leak Date: 11/7/20)

Incident ID: NAPP2103559332

This delineation workplan and remediation proposal addresses the releases associated with Incident ID #NAPP2103559332.

The following information includes:

1. Appropriate completed and signed C-141 pages.
2. Scaled digital site map with spill area demarcated and leak point identified along with sample point locations and areas of remediation at appropriate depths.
3. GPS information for sample points and sample methodology.
4. Depth to groundwater information (i.e., pdf of OSE search results, USGS search results).
5. Watercourse/features map within 1000 feet.
6. BLM Cave Karst map.
7. FEMA National Flood map.
8. Laboratory analysis results summary table and original laboratory analysis reports.
9. Potentially other pertinent information as necessary for site specific purposes.

Based on the information included in this package and the NMOCD rules, the following remediation is proposed:

OXY will excavate the spill area as depicted on the following site diagram. The leak area near SP1 and SP3 (GREEN shade on diagram) will be excavated to a depth of 4 feet. The leak area near SP2 (ORANGE shade on diagram) will be excavated to a depth of 2 feet. The leak area near SP4 – SP6 (PURPLE shade on diagram) will be excavated to a depth of 3 feet.

Bottom and sidewall confirmation samples will be collected at no greater than 200 square ft. intervals. Estimated volume of material to be removed is 833 cubic yards. The remediation will be completed within 90 days of approval.

The entire site will then be backfilled with clean soil and revegetated (if warranted) to the standards of the appropriate agency or private surface owner.

All excavated materials will be disposed of at an NMOCD-approved disposal facility.

Incident ID	NAPP2103559332
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>183.99</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

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

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

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

Form C-141


Page 4

State of New Mexico
Oil Conservation Division

nAPP2103559332

Incident ID	NAPP2103559332
District RP	
Facility ID	
Application ID	

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

Printed Name: Wade Dittrich Title: Environmental Coordinator
Signature:  Date: 5-14-21
email: wade_dittrich@oxy.com Telephone: (575) 390-2828

OCD Only

Received by: _____ Date: _____

Form C-141

State of New Mexico
Oil Conservation Division

Page 5

Incident ID	XXXXXXX
District RP	
Facility ID	
Application ID	

Remediation Plan

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

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

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

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

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

Printed Name: Wade Dittrich Title: Environmental Coordinator
Signature:  Date: 5-14-21
email: wade_dittrich@oxy.com Telephone: (575) 390-2828

OCD Only

Received by: _____ Date: _____

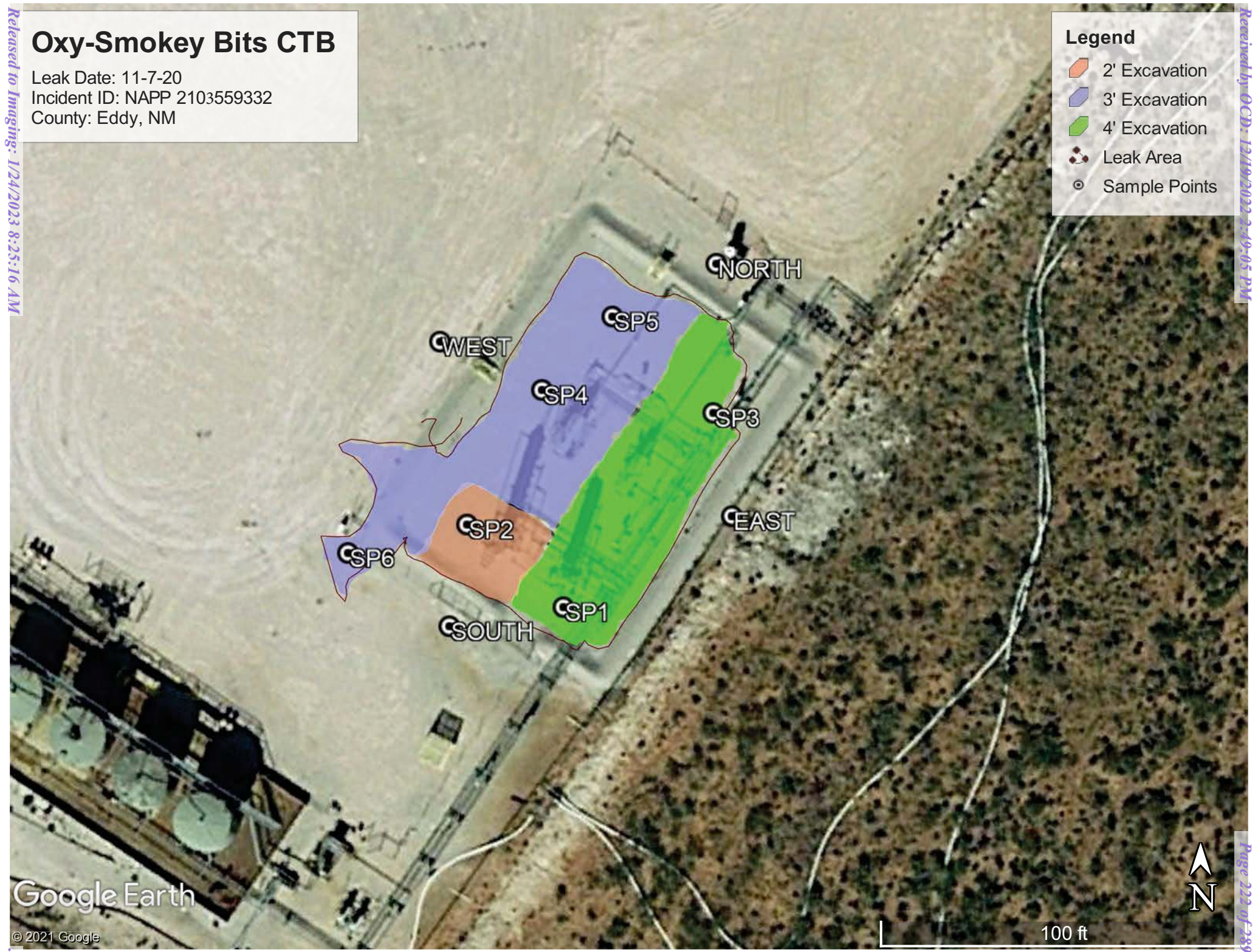
☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

Oxy-Smokey Bits CTB

Leak Date: 11-7-20
Incident ID: NAPP 2103559332
County: Eddy, NM

- Legend**
- 2' Excavation
 - 3' Excavation
 - 4' Excavation
 - Leak Area
 - Sample Points



Google Earth

© 2021 Google

SMOKEY BITS CTB (11-7-20)**GPS – SAMPLE POINTS**

LATITUDE	LONGITUDE
SP1 -N 32.700830	W 103.933239
SP2 -N 32.700893	W 103.933325
SP3 -N 32.700976	W 103.933106
SP4 -N 32.700993	W 103.933258
SP5 -N 32.701048	W 103.933196
SP6 – N 32.700870	W 103.933431



USGS Home
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Geographic Area:
New Mexico

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Groundwater levels for New Mexico

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Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 324244103561601

Minimum number of levels = 1








[Save file of selected sites](#) to local disk for future upload

USGS 324244103561601 18S.30E.26.414144

Eddy County, New Mexico
Latitude 32°42'55.8", Longitude 103°56'16.4" NAD83
Land-surface elevation 3,431 feet above NAVD88
This well is completed in the Chinle Formation (231CHNL) local aquifer.

Output formats

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

Date	Time	 Water-level date-time accuracy	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	 Water-level accuracy	 Status	 Method of measurement	 Measuring agency	 Source of measurement	 Water-level approval status
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
1976-05-28		D	194.39			2		U		U	A
1983-04-12		D	186.04			2		U		U	A
1990-10-10		D	183.02			2		S		U	A
1994-03-16		D	183.99			2		S		U	A

Released to Imaging: 1/24/2023 8:25:16 AM

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level accuracy	2	Water level accuracy to nearest hundredth of a foot
Status		The reported water-level measurement represents a static level
Method of measurement	S	Steel-tape measurement.
Method of measurement	U	Unknown method.
Measuring agency		Not determined
Source of measurement	U	Source is unknown.
Water-level approval status	A	Approved for publication -- Processing and review completed.

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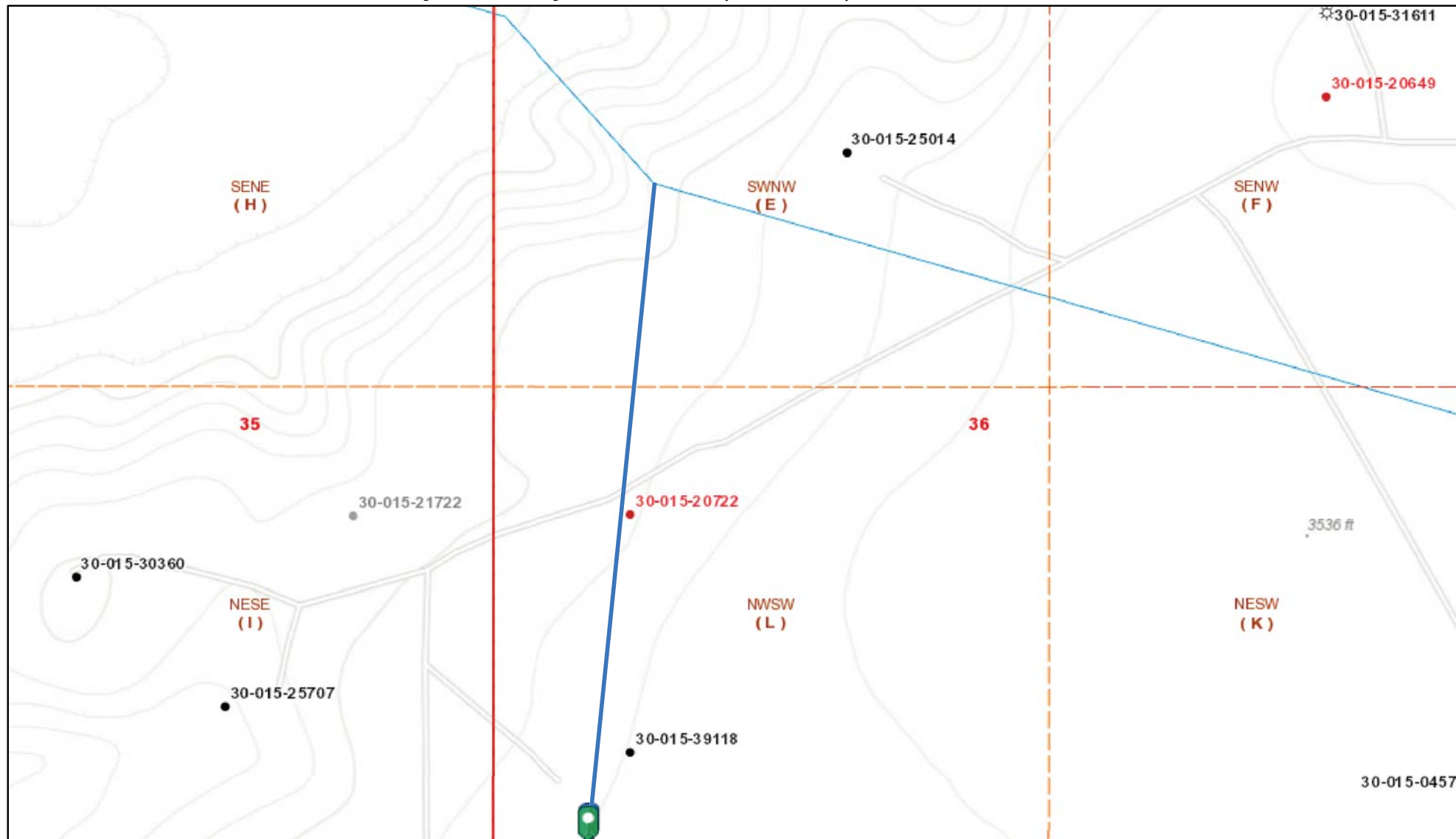
[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)
Title: Groundwater for New Mexico: Water Levels
URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>

Page Contact Information: [New Mexico Water Data Maintainer](#)
Page Last Modified: 2020-12-22 10:52:45 EST
0.26 0.24 nadww01



Received by OCD: 12/19/2022 2:49:05 PM

Oxy Smokey Bits CTB (11-7-20) 1,565 ft to h2o



12/22/2020, 8:42:40 AM

Wells - Large Scale

? undefined

• Miscellaneous

✱ CO2, Active

✱ CO2, Cancelled

✱ CO2, New

✱ CO2, Plugged

✱ CO2, Temporarily Abandoned

✱ Gas, Active

✱ Gas, Cancelled

✱ Gas, New

✱ Gas, Plugged

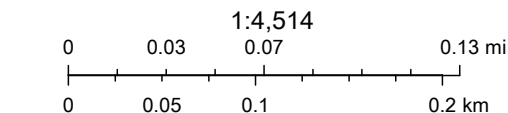
✱ Gas, Temporarily Abandoned

✱ Injection, Active

✱ Injection, Cancelled

✱ Injection, New

✱ Injection, Plugged



Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department., OCD, Bureau of Land Management, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, EPA, USDA, BLM

New Mexico Oil Conservation Division



NM OCD Oil and Gas Map. <http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=4d017f2306164de29fd2fb9f8f35ca75>: New Mexico Oil Conservation Division

Oxy Smokey Bits CTB

Leak Date: 11-7-2020
Eddy County, NM

BLM CAVE KARST MAP

Legend

-  High Potential
-  Leak Area

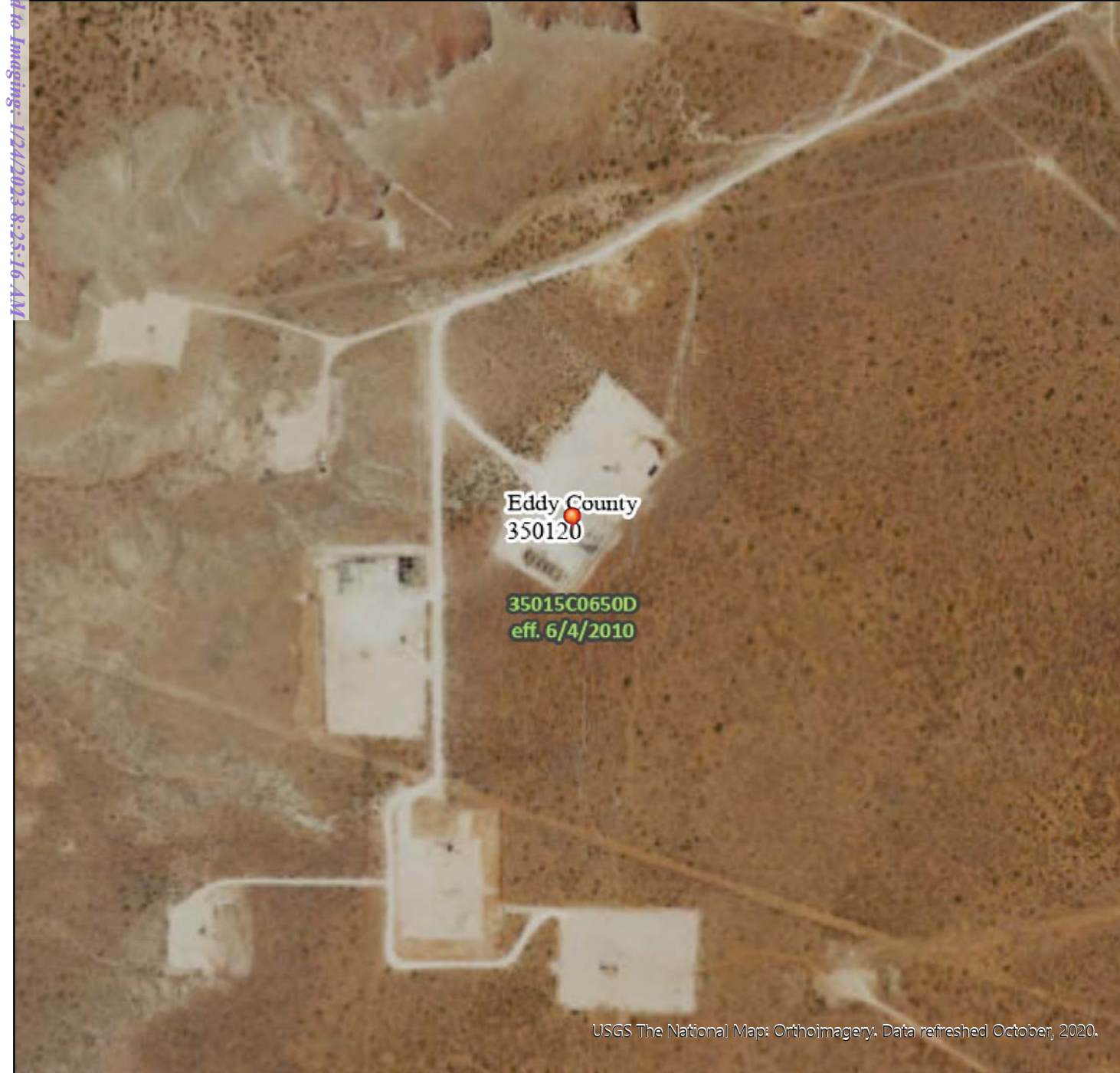


Released to Imaging: 12/21/2023 8:25:16 AM

National Flood Hazard Layer FIRMette



103°56'19"W 32°42'19"N



USGS The National Map: Orthoimagery. Data refreshed October, 2020.

0 250 500 1,000 1,500 2,000 Feet 1:6,000

103°55'41"W 32°41'48"N

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone X
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard Zone D
		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		Cross Sections with 1% Annual Chance Water Surface Elevation
		Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **12/22/2020 at 10:48 AM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

Received by OCD: 12/22/2022 2:49:05 PM

Page 228 of 289

Laboratory Analytical Results Summary
Oxy, Smokey Bits CTB 11-7-20

		Sample ID	North @ Surface	East @ Surface	West @ Surface	South @ Surface
Analyte	Method	Date	2/17/21	2/17/21	2/17/21	2/17/21
			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		0.069	0.072	0.136	<0.050
Ethylbenzene	BTEX 8021B		0.089	0.105	0.164	<0.050
Total Xylenes	BTEX 8021B		0.233	0.262	0.385	<0.150
Total BTEX	BTEX 8021B		0.390	0.438	0.685	<0.300
Chloride	SM4500Cl-B		64.0	32.0	32.0	48.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0

		Sample ID	SP1 @ Surface	SP1 @ 1'	SP1 @ 2'	SP1 @ 3'	SP1 @ 4'	SP1 @ 5'	SP1 @ 6'
Analyte	Method	Date	2/17/21	2/17/21	2/17/21	2/17/21	2/17/21	2/17/21	2/17/21
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		9.92	0.054	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		56.5	0.846	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		28.9	2.06	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		64.0	6.49	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		159	9.44	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		128	32.0	752	32.0	16.0	32.0	32.0
GRO	TPH 8015M		1520	146	<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		47500	1590	92.6	205	139	49.7	77.8
EXT DRO	TPH 8015M		12700	303	23.0	50.2	32.9	<10.0	12.3

		Sample ID	SP2 @ Surface	SP2 @ 1'	SP2 @ 2'	SP2 @ 3'
Analyte	Method	Date	2/17/21	2/17/21	2/17/21	2/17/21
			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		0.863	<0.050	<0.050	n/a
Toluene	BTEX 8021B		9.20	<0.050	<0.050	n/a
Ethylbenzene	BTEX 8021B		10.7	<0.050	<0.050	n/a
Total Xylenes	BTEX 8021B		25.6	<0.150	<0.150	n/a
Total BTEX	BTEX 8021B		46.4	<0.300	<0.300	n/a
Chloride	SM4500Cl-B		320	432	64.0	48.0
GRO	TPH 8015M		654	<10.0	<10.0	n/a
DRO	TPH 8015M		18900	74.2	10.1	n/a
EXT DRO	TPH 8015M		3690	31.1	<10.0	n/a

		Sample ID	SP3 @ Surface	SP3 @ 1'	SP3 @ 2'	SP3 @ 3'
Analyte	Method	Date	2/17/21	2/17/21	2/17/21	2/17/21
			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		0.100	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		2.47	0.172	0.369	0.418
Ethylbenzene	BTEX 8021B		4.84	0.855	2.02	1.64
Total Xylenes	BTEX 8021B		12.5	2.80	6.03	5.17
Total BTEX	BTEX 8021B		19.9	3.83	8.42	7.23
Chloride	SM4500Cl-B		1700	48.0	32.0	32.0
GRO	TPH 8015M		230	63.2	69.7	117
DRO	TPH 8015M		31400	1190	1050	1940
EXT DRO	TPH 8015M		8120	259	218	422

Laboratory Analytical Results Summary
Oxy, Smokey Bits CTB 11-7-20

		Sample ID	SP4 @ Surface	SP4 @ 1'	SP4 @ 2'	SP4 @ 3'	SP4 @ 4'
Analyte	Method	Date	2/17/21	2/17/21	2/17/21	2/17/21	2/17/21
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		13.6	<0.050	<0.050	<0.050	n/a
Toluene	BTEX 8021B		48.6	0.266	0.083	0.105	n/a
Ethylbenzene	BTEX 8021B		22.9	0.509	0.120	<0.050	n/a
Total Xylenes	BTEX 8021B		49.3	1.52	0.362	<0.150	n/a
Total BTEX	BTEX 8021B		134	2.29	0.564	<0.300	n/a
Chloride	SM4500Cl-B		576	48.0	96.0	32.0	32.0
GRO	TPH 8015M		1330	32.8	<10.0	<10.0	n/a
DRO	TPH 8015M		39800	577	278	23.6	n/a
EXT DRO	TPH 8015M		7480	135	59.2	<10.0	n/a

		Sample ID	SP5 @ Surface	SP5 @ 1'	SP5 @ 2'	SP5 @ 3'	SP5 @ 4'
Analyte	Method	Date	2/17/21	2/17/21	2/17/21	2/17/21	2/17/21
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		3.33	<0.050	<0.050	<0.050	n/a
Toluene	BTEX 8021B		35.6	0.059	0.072	<0.050	n/a
Ethylbenzene	BTEX 8021B		18.0	0.091	0.110	<0.050	n/a
Total Xylenes	BTEX 8021B		39.5	0.288	0.345	<0.150	n/a
Total BTEX	BTEX 8021B		96.5	0.438	0.526	<0.300	n/a
Chloride	SM4500Cl-B		560	64.0	112	16.0	32.0
GRO	TPH 8015M		816	<10.0	11.5	<10.0	n/a
DRO	TPH 8015M		30200	222	329	<10.0	n/a
EXT DRO	TPH 8015M		6070	47.1	71.8	<10.0	n/a

		Sample ID	SP6 @ Surface	SP6 @ 1'	SP6 @ 2'	SP6 @ 3'	SP6 @ 4'
Analyte	Method	Date	2/17/21	2/17/21	2/17/21	2/17/21	2/17/21
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	n/a
Toluene	BTEX 8021B		0.272	0.098	0.062	<0.050	n/a
Ethylbenzene	BTEX 8021B		0.634	0.673	0.137	<0.050	n/a
Total Xylenes	BTEX 8021B		1.70	2.39	0.469	<0.150	n/a
Total BTEX	BTEX 8021B		2.60	3.16	0.668	<0.300	n/a
Chloride	SM4500Cl-B		864	32.0	160	32.0	32.0
GRO	TPH 8015M		<50.0	52.6	10.3	<10.0	n/a
DRO	TPH 8015M		11400	963	355	<10.0	n/a
EXT DRO	TPH 8015M		3430	198	79.0	<10.0	n/a

Laboratory Analytical Results Summary
Oxy, Smokey Bits CTB 11-7-20

		Sample ID	SP3 @ 4'	SP3 @ 5'	SP3 @ 6'
Analyte	Method	Date	4/12/21	4/12/21	4/12/21
			mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	N/A
Toluene	BTEX 8021B		<0.050	<0.050	N/A
Ethylbenzene	BTEX 8021B		<0.050	<0.050	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	N/A
Chloride	SM4500Cl-B		48.0	112.0	112.0
GRO	TPH 8015M		<10.0	<10.0	N/A
DRO	TPH 8015M		<10.0	<10.0	N/A
EXT DRO	TPH 8015M		<10.0	<10.0	N/A

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

February 25, 2021

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: SMOKEY BITS CTB

Enclosed are the results of analyses for samples received by the laboratory on 02/18/21 15:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. 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	Total Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: SMOKEY BITS CTB
Project Number: (11-7-20)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
25-Feb-21 14:56

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
N @ SURFACE	H210392-01	Soil	17-Feb-21 09:10	18-Feb-21 15:20
E @ SURFACE	H210392-02	Soil	17-Feb-21 09:21	18-Feb-21 15:20
W @ SURFACE	H210392-03	Soil	17-Feb-21 09:30	18-Feb-21 15:20
S @ SURFACE	H210392-04	Soil	17-Feb-21 09:42	18-Feb-21 15:20
SP 1 @ SURFACE	H210392-05	Soil	17-Feb-21 10:02	18-Feb-21 15:20
SP 1 @ 1'	H210392-06	Soil	17-Feb-21 10:14	18-Feb-21 15:20
SP 1 @ 2'	H210392-07	Soil	17-Feb-21 10:32	18-Feb-21 15:20
SP 1 @ 3'	H210392-08	Soil	17-Feb-21 10:41	18-Feb-21 15:20
SP 1 @ 4'	H210392-09	Soil	17-Feb-21 10:52	18-Feb-21 15:20
SP 1 @ 5'	H210392-10	Soil	17-Feb-21 11:00	18-Feb-21 15:20
SP 1 @ 6'	H210392-11	Soil	17-Feb-21 11:10	18-Feb-21 15:20
SP 2 @ SURFACE	H210392-12	Soil	17-Feb-21 11:18	18-Feb-21 15:20
SP 2 @ 1'	H210392-13	Soil	17-Feb-21 11:26	18-Feb-21 15:20
SP 2 @ 2'	H210392-14	Soil	17-Feb-21 11:38	18-Feb-21 15:20
SP 2 @ 3'	H210392-15	Soil	17-Feb-21 11:49	18-Feb-21 15:20
SP 3 @ SURFACE	H210392-16	Soil	17-Feb-21 12:04	18-Feb-21 15:20
SP 3 @ 1'	H210392-17	Soil	17-Feb-21 12:46	18-Feb-21 15:20
SP 3 @ 2'	H210392-18	Soil	17-Feb-21 12:54	18-Feb-21 15:20
SP 3 @ 3'	H210392-19	Soil	17-Feb-21 13:02	18-Feb-21 15:20
SP 4 @ SURFACE	H210392-20	Soil	17-Feb-21 13:12	18-Feb-21 15:20
SP 4 @ 1'	H210392-21	Soil	17-Feb-21 13:23	18-Feb-21 15:20
SP 4 @ 2'	H210392-22	Soil	17-Feb-21 13:34	18-Feb-21 15:20
SP 4 @ 3'	H210392-23	Soil	17-Feb-21 13:47	18-Feb-21 15:20
SP 4 @ 4'	H210392-24	Soil	17-Feb-21 13:58	18-Feb-21 15:20
SP 5 @ SURFACE	H210392-25	Soil	17-Feb-21 14:12	18-Feb-21 15:20
SP 5 @ 1'	H210392-26	Soil	17-Feb-21 14:24	18-Feb-21 15:20
SP 5 @ 2'	H210392-27	Soil	17-Feb-21 14:38	18-Feb-21 15:20

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:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: SMOKEY BITS CTB
Project Number: (11-7-20)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
25-Feb-21 14:56

SP 5 @ 3'	H210392-28	Soil	17-Feb-21 14:51	18-Feb-21 15:20
SP 5 @ 4'	H210392-29	Soil	17-Feb-21 15:04	18-Feb-21 15:20
SP 6 @ SURFACE	H210392-30	Soil	17-Feb-21 15:17	18-Feb-21 15:20
SP 6 @ 1'	H210392-31	Soil	17-Feb-21 15:26	18-Feb-21 15:20
SP 6 @ 2'	H210392-32	Soil	17-Feb-21 15:35	18-Feb-21 15:20
SP 6 @ 3'	H210392-33	Soil	17-Feb-21 15:43	18-Feb-21 15:20
SP 6 @ 4'	H210392-34	Soil	17-Feb-21 15:50	18-Feb-21 15:20

02/25/21 - Client added BTEX and TPH to samples -10 and -11 on 02/23/21. This is the revised report and will replace the one sent on 02/23/21.

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Celey D. Keene, Lab Director/Quality Manager



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Project: SMOKEY BITS CTB
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Project Manager: Cliff Brunson
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Reported:
25-Feb-21 14:56

N @ SURFACE
H210392-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	64.0		16.0	mg/kg	4	1021701	GM	19-Feb-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Toluene*	0.069		0.050	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Ethylbenzene*	0.089		0.050	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Total Xylenes*	0.233		0.150	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Total BTEX	0.390		0.300	mg/kg	50	1021901	MS	19-Feb-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 73.3-129 1021901 MS 19-Feb-21 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1021801	MS	18-Feb-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1021801	MS	18-Feb-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1021801	MS	18-Feb-21	8015B	

Surrogate: 1-Chlorooctane 99.1 % 44.3-144 1021801 MS 18-Feb-21 8015B

Surrogate: 1-Chlorooctadecane 103 % 42.2-156 1021801 MS 18-Feb-21 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: SMOKEY BITS CTB
Project Number: (11-7-20)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
25-Feb-21 14:56

E @ SURFACE
H210392-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	1021701	GM	19-Feb-21	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Toluene*	0.072		0.050	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Ethylbenzene*	0.105		0.050	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Total Xylenes*	0.262		0.150	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Total BTEX	0.438		0.300	mg/kg	50	1021901	MS	19-Feb-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			99.2 %	73.3-129		1021901	MS	19-Feb-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1021801	MS	18-Feb-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1021801	MS	18-Feb-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1021801	MS	18-Feb-21	8015B	

Surrogate: 1-Chlorooctane			94.2 %	44.3-144		1021801	MS	18-Feb-21	8015B	
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Surrogate: 1-Chlorooctadecane			98.9 %	42.2-156		1021801	MS	18-Feb-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: SMOKEY BITS CTB
Project Number: (11-7-20)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
25-Feb-21 14:56

W @ SURFACE**H210392-03 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	1021701	GM	19-Feb-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Toluene*	0.136		0.050	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Ethylbenzene*	0.164		0.050	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Total Xylenes*	0.385		0.150	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Total BTEX	0.685		0.300	mg/kg	50	1021901	MS	19-Feb-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			99.8 %	73.3-129		1021901	MS	19-Feb-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1021801	MS	18-Feb-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1021801	MS	18-Feb-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1021801	MS	18-Feb-21	8015B	

Surrogate: 1-Chlorooctane			90.5 %	44.3-144		1021801	MS	18-Feb-21	8015B	
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Surrogate: 1-Chlorooctadecane			94.5 %	42.2-156		1021801	MS	18-Feb-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: SMOKEY BITS CTB
Project Number: (11-7-20)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
25-Feb-21 14:56

S @ SURFACE**H210392-04 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	48.0		16.0	mg/kg	4	1021701	GM	19-Feb-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1021901	MS	19-Feb-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			99.6 %	73.3-129		1021901	MS	19-Feb-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1021801	MS	18-Feb-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1021801	MS	18-Feb-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1021801	MS	18-Feb-21	8015B	

Surrogate: 1-Chlorooctane			99.5 %	44.3-144		1021801	MS	18-Feb-21	8015B	
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Surrogate: 1-Chlorooctadecane			104 %	42.2-156		1021801	MS	18-Feb-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: SMOKEY BITS CTB
Project Number: (11-7-20)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
25-Feb-21 14:56

SP 1 @ SURFACE**H210392-05 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	128		16.0	mg/kg	4	1021904	GM	19-Feb-21	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	9.92		1.00	mg/kg	1000	1021901	MS	19-Feb-21	8021B	
Toluene*	56.5		1.00	mg/kg	1000	1021901	MS	19-Feb-21	8021B	
Ethylbenzene*	28.9		1.00	mg/kg	1000	1021901	MS	19-Feb-21	8021B	
Total Xylenes*	64.0		3.00	mg/kg	1000	1021901	MS	19-Feb-21	8021B	
Total BTEX	159		6.00	mg/kg	1000	1021901	MS	19-Feb-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	114 %		73.3-129			1021901	MS	19-Feb-21	8021B	
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Petroleum Hydrocarbons by GC FID**S-06**

GRO C6-C10*	1520		50.0	mg/kg	5	1021801	MS	18-Feb-21	8015B	
DRO >C10-C28*	47500		50.0	mg/kg	5	1021801	MS	18-Feb-21	8015B	
EXT DRO >C28-C36	12700		50.0	mg/kg	5	1021801	MS	18-Feb-21	8015B	

Surrogate: 1-Chlorooctane	365 %		44.3-144			1021801	MS	18-Feb-21	8015B	
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Surrogate: 1-Chlorooctadecane	1550 %		42.2-156			1021801	MS	18-Feb-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: SMOKEY BITS CTB
Project Number: (11-7-20)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
25-Feb-21 14:56

SP 1 @ 1'
H210392-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	1021904	GM	19-Feb-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	0.054		0.050	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Toluene*	0.846		0.050	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Ethylbenzene*	2.06		0.050	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Total Xylenes*	6.49		0.150	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Total BTEX	9.44		0.300	mg/kg	50	1021901	MS	19-Feb-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			208 %	73.3-129		1021901	MS	19-Feb-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	146		10.0	mg/kg	1	1021801	MS	18-Feb-21	8015B	
DRO >C10-C28*	1590		10.0	mg/kg	1	1021801	MS	18-Feb-21	8015B	
EXT DRO >C28-C36	303		10.0	mg/kg	1	1021801	MS	18-Feb-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			141 %	44.3-144		1021801	MS	18-Feb-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			143 %	42.2-156		1021801	MS	18-Feb-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: SMOKEY BITS CTB
Project Number: (11-7-20)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
25-Feb-21 14:56

SP 1 @ 2'
H210392-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	1021904	GM	19-Feb-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1021901	MS	19-Feb-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			99.2 %		73.3-129	1021901	MS	19-Feb-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1021801	MS	18-Feb-21	8015B	
DRO >C10-C28*	92.6		10.0	mg/kg	1	1021801	MS	18-Feb-21	8015B	
EXT DRO >C28-C36	23.0		10.0	mg/kg	1	1021801	MS	18-Feb-21	8015B	

Surrogate: 1-Chlorooctane			108 %		44.3-144	1021801	MS	18-Feb-21	8015B	
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Surrogate: 1-Chlorooctadecane			120 %		42.2-156	1021801	MS	18-Feb-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: SMOKEY BITS CTB
Project Number: (11-7-20)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
25-Feb-21 14:56

SP 1 @ 3'
H210392-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	1021904	GM	19-Feb-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1021901	MS	19-Feb-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			103 %	73.3-129		1021901	MS	19-Feb-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1021801	MS	18-Feb-21	8015B	
DRO >C10-C28*	205		10.0	mg/kg	1	1021801	MS	18-Feb-21	8015B	
EXT DRO >C28-C36	50.2		10.0	mg/kg	1	1021801	MS	18-Feb-21	8015B	

Surrogate: 1-Chlorooctane			105 %	44.3-144		1021801	MS	18-Feb-21	8015B	
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Surrogate: 1-Chlorooctadecane			121 %	42.2-156		1021801	MS	18-Feb-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: SMOKEY BITS CTB
Project Number: (11-7-20)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
25-Feb-21 14:56

SP 1 @ 4'
H210392-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	1021904	GM	19-Feb-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1021901	MS	19-Feb-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			103 %	73.3-129		1021901	MS	19-Feb-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1021801	MS	18-Feb-21	8015B	
DRO >C10-C28*	139		10.0	mg/kg	1	1021801	MS	18-Feb-21	8015B	
EXT DRO >C28-C36	32.9		10.0	mg/kg	1	1021801	MS	18-Feb-21	8015B	

Surrogate: 1-Chlorooctane			109 %	44.3-144		1021801	MS	18-Feb-21	8015B	
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Surrogate: 1-Chlorooctadecane			121 %	42.2-156		1021801	MS	18-Feb-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: SMOKEY BITS CTB
Project Number: (11-7-20)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
25-Feb-21 14:56

SP 1 @ 5'
H210392-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	1021904	GM	19-Feb-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1022404	MS	24-Feb-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1022404	MS	24-Feb-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1022404	MS	24-Feb-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1022404	MS	24-Feb-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1022404	MS	24-Feb-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			101 %	73.3-129		1022404	MS	24-Feb-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1022402	MS	24-Feb-21	8015B	
DRO >C10-C28*	49.7		10.0	mg/kg	1	1022402	MS	24-Feb-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1022402	MS	24-Feb-21	8015B	

Surrogate: 1-Chlorooctane			101 %	44.3-144		1022402	MS	24-Feb-21	8015B	
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Surrogate: 1-Chlorooctadecane			115 %	42.2-156		1022402	MS	24-Feb-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: SMOKEY BITS CTB
Project Number: (11-7-20)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
25-Feb-21 14:56

SP 1 @ 6'
H210392-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	1021904	GM	19-Feb-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1022404	MS	24-Feb-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1022404	MS	24-Feb-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1022404	MS	24-Feb-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1022404	MS	24-Feb-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1022404	MS	24-Feb-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			101 %	73.3-129		1022404	MS	24-Feb-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1022402	MS	24-Feb-21	8015B	
DRO >C10-C28*	77.8		10.0	mg/kg	1	1022402	MS	24-Feb-21	8015B	
EXT DRO >C28-C36	12.3		10.0	mg/kg	1	1022402	MS	24-Feb-21	8015B	

Surrogate: 1-Chlorooctane			104 %	44.3-144		1022402	MS	24-Feb-21	8015B	
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Surrogate: 1-Chlorooctadecane			120 %	42.2-156		1022402	MS	24-Feb-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: SMOKEY BITS CTB
Project Number: (11-7-20)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
25-Feb-21 14:56

SP 2 @ SURFACE**H210392-12 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	320		16.0	mg/kg	4	1021904	GM	19-Feb-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	0.863		0.100	mg/kg	100	1021901	MS	19-Feb-21	8021B	
Toluene*	9.20		0.100	mg/kg	100	1021901	MS	19-Feb-21	8021B	
Ethylbenzene*	10.7		0.100	mg/kg	100	1021901	MS	19-Feb-21	8021B	
Total Xylenes*	25.6		0.300	mg/kg	100	1021901	MS	19-Feb-21	8021B	
Total BTEX	46.4		0.600	mg/kg	100	1021901	MS	19-Feb-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	166 %		73.3-129			1021901	MS	19-Feb-21	8021B	
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Petroleum Hydrocarbons by GC FID**S-04**

GRO C6-C10*	654		10.0	mg/kg	1	1021801	MS	18-Feb-21	8015B	
DRO >C10-C28*	18900		10.0	mg/kg	1	1021801	MS	18-Feb-21	8015B	
EXT DRO >C28-C36	3690		10.0	mg/kg	1	1021801	MS	18-Feb-21	8015B	

Surrogate: 1-Chlorooctane	270 %		44.3-144			1021801	MS	18-Feb-21	8015B	
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Surrogate: 1-Chlorooctadecane	699 %		42.2-156			1021801	MS	18-Feb-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: SMOKEY BITS CTB
Project Number: (11-7-20)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
25-Feb-21 14:56

SP 2 @ 1'
H210392-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	432		16.0	mg/kg	4	1021904	GM	19-Feb-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1021901	MS	19-Feb-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129 1021901 MS 19-Feb-21 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1021801	MS	18-Feb-21	8015B	
DRO >C10-C28*	74.2		10.0	mg/kg	1	1021801	MS	18-Feb-21	8015B	
EXT DRO >C28-C36	31.1		10.0	mg/kg	1	1021801	MS	18-Feb-21	8015B	

Surrogate: 1-Chlorooctane 87.3 % 44.3-144 1021801 MS 18-Feb-21 8015B

Surrogate: 1-Chlorooctadecane 94.1 % 42.2-156 1021801 MS 18-Feb-21 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: SMOKEY BITS CTB
Project Number: (11-7-20)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
25-Feb-21 14:56

SP 2 @ 2'
H210392-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	64.0		16.0	mg/kg	4	1021904	GM	19-Feb-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1021901	MS	19-Feb-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			100 %	73.3-129		1021901	MS	19-Feb-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1021801	MS	18-Feb-21	8015B	
DRO >C10-C28*	10.1		10.0	mg/kg	1	1021801	MS	18-Feb-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1021801	MS	18-Feb-21	8015B	

Surrogate: 1-Chlorooctane			103 %	44.3-144		1021801	MS	18-Feb-21	8015B	
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Surrogate: 1-Chlorooctadecane			107 %	42.2-156		1021801	MS	18-Feb-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: SMOKEY BITS CTB
Project Number: (11-7-20)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
25-Feb-21 14:56

SP 2 @ 3'
H210392-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Chloride	48.0		16.0	mg/kg	4	1021904	GM	19-Feb-21	4500-Cl-B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: SMOKEY BITS CTB
Project Number: (11-7-20)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
25-Feb-21 14:56

SP 3 @ SURFACE**H210392-16 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1700		16.0	mg/kg	4	1021904	GM	19-Feb-21	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	0.100		0.050	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Toluene*	2.47		0.050	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Ethylbenzene*	4.84		0.050	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Total Xylenes*	12.5		0.150	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Total BTEX	19.9		0.300	mg/kg	50	1021901	MS	19-Feb-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			160 %	73.3-129		1021901	MS	19-Feb-21	8021B	
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Petroleum Hydrocarbons by GC FID**S-06**

GRO C6-C10*	230		50.0	mg/kg	5	1021801	MS	18-Feb-21	8015B	
DRO >C10-C28*	31400		50.0	mg/kg	5	1021801	MS	18-Feb-21	8015B	
EXT DRO >C28-C36	8120		50.0	mg/kg	5	1021801	MS	18-Feb-21	8015B	

Surrogate: 1-Chlorooctane			150 %	44.3-144		1021801	MS	18-Feb-21	8015B	
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Surrogate: 1-Chlorooctadecane			1140 %	42.2-156		1021801	MS	18-Feb-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: SMOKEY BITS CTB
Project Number: (11-7-20)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
25-Feb-21 14:56

SP 3 @ 1'
H210392-17 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	48.0		16.0	mg/kg	4	1021904	GM	19-Feb-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<0.050		0.050	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Toluene*	0.172		0.050	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Ethylbenzene*	0.855		0.050	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Total Xylenes*	2.80		0.150	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Total BTEX	3.83		0.300	mg/kg	50	1021901	MS	19-Feb-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		139 %		73.3-129		1021901	MS	19-Feb-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	63.2		10.0	mg/kg	1	1021801	MS	18-Feb-21	8015B	
DRO >C10-C28*	1190		10.0	mg/kg	1	1021801	MS	18-Feb-21	8015B	
EXT DRO >C28-C36	259		10.0	mg/kg	1	1021801	MS	18-Feb-21	8015B	

Surrogate: 1-Chlorooctane		114 %		44.3-144		1021801	MS	18-Feb-21	8015B	
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Surrogate: 1-Chlorooctadecane		117 %		42.2-156		1021801	MS	18-Feb-21	8015B	
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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:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: SMOKEY BITS CTB
Project Number: (11-7-20)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
25-Feb-21 14:56

SP 3 @ 2'
H210392-18 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	1021904	GM	19-Feb-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<0.050		0.050	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Toluene*	0.369		0.050	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Ethylbenzene*	2.02		0.050	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Total Xylenes*	6.03		0.150	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Total BTEX	8.42		0.300	mg/kg	50	1021901	MS	19-Feb-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		168 %		73.3-129		1021901	MS	19-Feb-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	69.7		10.0	mg/kg	1	1021903	MS	19-Feb-21	8015B	QR-03
DRO >C10-C28*	1050		10.0	mg/kg	1	1021903	MS	19-Feb-21	8015B	QM-07, QR-03
EXT DRO >C28-C36	218		10.0	mg/kg	1	1021903	MS	19-Feb-21	8015B	

Surrogate: 1-Chlorooctane		113 %		44.3-144		1021903	MS	19-Feb-21	8015B	
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Surrogate: 1-Chlorooctadecane		115 %		42.2-156		1021903	MS	19-Feb-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: SMOKEY BITS CTB
Project Number: (11-7-20)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
25-Feb-21 14:56

SP 3 @ 3'
H210392-19 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	1021904	GM	19-Feb-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<0.050		0.050	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Toluene*	0.418		0.050	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Ethylbenzene*	1.64		0.050	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Total Xylenes*	5.17		0.150	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Total BTEX	7.23		0.300	mg/kg	50	1021901	MS	19-Feb-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		171 %		73.3-129		1021901	MS	19-Feb-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	117		10.0	mg/kg	1	1021903	MS	19-Feb-21	8015B	
DRO >C10-C28*	1940		10.0	mg/kg	1	1021903	MS	19-Feb-21	8015B	
EXT DRO >C28-C36	422		10.0	mg/kg	1	1021903	MS	19-Feb-21	8015B	

Surrogate: 1-Chlorooctane		129 %		44.3-144		1021903	MS	19-Feb-21	8015B	
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Surrogate: 1-Chlorooctadecane		139 %		42.2-156		1021903	MS	19-Feb-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: SMOKEY BITS CTB
Project Number: (11-7-20)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
25-Feb-21 14:56

SP 4 @ SURFACE**H210392-20 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	576		16.0	mg/kg	4	1021904	GM	19-Feb-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	13.6		0.500	mg/kg	500	1021901	MS	19-Feb-21	8021B	
Toluene*	48.6		0.500	mg/kg	500	1021901	MS	19-Feb-21	8021B	
Ethylbenzene*	22.9		0.500	mg/kg	500	1021901	MS	19-Feb-21	8021B	
Total Xylenes*	49.3		1.50	mg/kg	500	1021901	MS	19-Feb-21	8021B	
Total BTEX	134		3.00	mg/kg	500	1021901	MS	19-Feb-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 122 % 73.3-129 1021901 MS 19-Feb-21 8021B

Petroleum Hydrocarbons by GC FID**S-06**

GRO C6-C10*	1330		50.0	mg/kg	5	1022203	MS	22-Feb-21	8015B	
DRO >C10-C28*	39800		50.0	mg/kg	5	1022203	MS	22-Feb-21	8015B	
EXT DRO >C28-C36	7480		50.0	mg/kg	5	1022203	MS	22-Feb-21	8015B	

Surrogate: 1-Chlorooctane 408 % 44.3-144 1022203 MS 22-Feb-21 8015B

Surrogate: 1-Chlorooctadecane 1960 % 42.2-156 1022203 MS 22-Feb-21 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: SMOKEY BITS CTB
Project Number: (11-7-20)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
25-Feb-21 14:56

SP 4 @ 1'
H210392-21 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	48.0		16.0	mg/kg	4	1021904	GM	19-Feb-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Toluene*	0.266		0.050	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Ethylbenzene*	0.509		0.050	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Total Xylenes*	1.52		0.150	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Total BTEX	2.29		0.300	mg/kg	50	1021901	MS	19-Feb-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 121 % 73.3-129 1021901 MS 19-Feb-21 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	32.8		10.0	mg/kg	1	1021903	MS	19-Feb-21	8015B	
DRO >C10-C28*	577		10.0	mg/kg	1	1021903	MS	19-Feb-21	8015B	
EXT DRO >C28-C36	135		10.0	mg/kg	1	1021903	MS	19-Feb-21	8015B	

Surrogate: 1-Chlorooctane 113 % 44.3-144 1021903 MS 19-Feb-21 8015B

Surrogate: 1-Chlorooctadecane 128 % 42.2-156 1021903 MS 19-Feb-21 8015B

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: SMOKEY BITS CTB
Project Number: (11-7-20)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
25-Feb-21 14:56

SP 4 @ 2'
H210392-22 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	96.0		16.0	mg/kg	4	1021904	GM	19-Feb-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Toluene*	0.083		0.050	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Ethylbenzene*	0.120		0.050	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Total Xylenes*	0.362		0.150	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Total BTEX	0.564		0.300	mg/kg	50	1021901	MS	19-Feb-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		107 %	73.3-129			1021901	MS	19-Feb-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1021903	MS	19-Feb-21	8015B	
DRO >C10-C28*	278		10.0	mg/kg	1	1021903	MS	19-Feb-21	8015B	
EXT DRO >C28-C36	59.2		10.0	mg/kg	1	1021903	MS	19-Feb-21	8015B	

Surrogate: 1-Chlorooctane		103 %	44.3-144			1021903	MS	19-Feb-21	8015B	
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Surrogate: 1-Chlorooctadecane		118 %	42.2-156			1021903	MS	19-Feb-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: SMOKEY BITS CTB
Project Number: (11-7-20)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
25-Feb-21 14:56

SP 4 @ 3'
H210392-23 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	1021904	GM	19-Feb-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Toluene*	0.105		0.050	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1021901	MS	19-Feb-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1021901	MS	19-Feb-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		102 %	73.3-129			1021901	MS	19-Feb-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1021903	MS	19-Feb-21	8015B	
DRO >C10-C28*	23.6		10.0	mg/kg	1	1021903	MS	19-Feb-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1021903	MS	19-Feb-21	8015B	

Surrogate: 1-Chlorooctane		103 %	44.3-144			1021903	MS	19-Feb-21	8015B	
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Surrogate: 1-Chlorooctadecane		109 %	42.2-156			1021903	MS	19-Feb-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: SMOKEY BITS CTB
Project Number: (11-7-20)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
25-Feb-21 14:56

SP 4 @ 4'
H210392-24 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	1021904	GM	19-Feb-21	4500-Cl-B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: SMOKEY BITS CTB
Project Number: (11-7-20)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
25-Feb-21 14:56

SP 5 @ SURFACE**H210392-25 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	560		16.0	mg/kg	4	1021905	GM	19-Feb-21	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	3.33		0.500	mg/kg	500	1021902	MS	19-Feb-21	8021B	
Toluene*	35.6		0.500	mg/kg	500	1021902	MS	19-Feb-21	8021B	QM-07
Ethylbenzene*	18.0		0.500	mg/kg	500	1021902	MS	19-Feb-21	8021B	QM-07
Total Xylenes*	39.5		1.50	mg/kg	500	1021902	MS	19-Feb-21	8021B	
Total BTEX	96.5		3.00	mg/kg	500	1021902	MS	19-Feb-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 120 % 73.3-129 1021902 MS 19-Feb-21 8021B

Petroleum Hydrocarbons by GC FID**S-06**

GRO C6-C10*	816		50.0	mg/kg	5	1022203	MS	22-Feb-21	8015B	
DRO >C10-C28*	30200		50.0	mg/kg	5	1022203	MS	22-Feb-21	8015B	
EXT DRO >C28-C36	6070		50.0	mg/kg	5	1022203	MS	22-Feb-21	8015B	

Surrogate: 1-Chlorooctane 233 % 44.3-144 1022203 MS 22-Feb-21 8015B

Surrogate: 1-Chlorooctadecane 1870 % 42.2-156 1022203 MS 22-Feb-21 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: SMOKEY BITS CTB
Project Number: (11-7-20)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
25-Feb-21 14:56

SP 5 @ 1'
H210392-26 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	64.0		16.0	mg/kg	4	1021905	GM	19-Feb-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1021902	MS	19-Feb-21	8021B	
Toluene*	0.059		0.050	mg/kg	50	1021902	MS	19-Feb-21	8021B	
Ethylbenzene*	0.091		0.050	mg/kg	50	1021902	MS	19-Feb-21	8021B	
Total Xylenes*	0.288		0.150	mg/kg	50	1021902	MS	19-Feb-21	8021B	
Total BTEX	0.438		0.300	mg/kg	50	1021902	MS	19-Feb-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			106 %	73.3-129		1021902	MS	19-Feb-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1021903	MS	19-Feb-21	8015B	
DRO >C10-C28*	222		10.0	mg/kg	1	1021903	MS	19-Feb-21	8015B	
EXT DRO >C28-C36	47.1		10.0	mg/kg	1	1021903	MS	19-Feb-21	8015B	

Surrogate: 1-Chlorooctane			109 %	44.3-144		1021903	MS	19-Feb-21	8015B	
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Surrogate: 1-Chlorooctadecane			121 %	42.2-156		1021903	MS	19-Feb-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: SMOKEY BITS CTB
Project Number: (11-7-20)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
25-Feb-21 14:56

SP 5 @ 2'
H210392-27 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	112		16.0	mg/kg	4	1021905	GM	19-Feb-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1021902	MS	19-Feb-21	8021B	
Toluene*	0.072		0.050	mg/kg	50	1021902	MS	19-Feb-21	8021B	
Ethylbenzene*	0.110		0.050	mg/kg	50	1021902	MS	19-Feb-21	8021B	
Total Xylenes*	0.345		0.150	mg/kg	50	1021902	MS	19-Feb-21	8021B	
Total BTEX	0.526		0.300	mg/kg	50	1021902	MS	19-Feb-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		106 %		73.3-129		1021902	MS	19-Feb-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	11.5		10.0	mg/kg	1	1021903	MS	19-Feb-21	8015B	
DRO >C10-C28*	329		10.0	mg/kg	1	1021903	MS	19-Feb-21	8015B	
EXT DRO >C28-C36	71.8		10.0	mg/kg	1	1021903	MS	19-Feb-21	8015B	

Surrogate: 1-Chlorooctane		95.6 %		44.3-144		1021903	MS	19-Feb-21	8015B	
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Surrogate: 1-Chlorooctadecane		110 %		42.2-156		1021903	MS	19-Feb-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: SMOKEY BITS CTB
Project Number: (11-7-20)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
25-Feb-21 14:56

SP 5 @ 3'
H210392-28 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	1021905	GM	19-Feb-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1021902	MS	19-Feb-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1021902	MS	19-Feb-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1021902	MS	19-Feb-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1021902	MS	19-Feb-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1021902	MS	19-Feb-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129 1021902 MS 19-Feb-21 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1021903	MS	19-Feb-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1021903	MS	19-Feb-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1021903	MS	19-Feb-21	8015B	

Surrogate: 1-Chlorooctane 97.1 % 44.3-144 1021903 MS 19-Feb-21 8015B

Surrogate: 1-Chlorooctadecane 103 % 42.2-156 1021903 MS 19-Feb-21 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: SMOKEY BITS CTB
Project Number: (11-7-20)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
25-Feb-21 14:56

SP 5 @ 4'
H210392-29 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	1021905	GM	19-Feb-21	4500-Cl-B	
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Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: SMOKEY BITS CTB
Project Number: (11-7-20)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
25-Feb-21 14:56

SP 6 @ SURFACE**H210392-30 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	864		16.0	mg/kg	4	1021905	GM	19-Feb-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1022201	MS	22-Feb-21	8021B	
Toluene*	0.272		0.050	mg/kg	50	1022201	MS	22-Feb-21	8021B	
Ethylbenzene*	0.634		0.050	mg/kg	50	1022201	MS	22-Feb-21	8021B	
Total Xylenes*	1.70		0.150	mg/kg	50	1022201	MS	22-Feb-21	8021B	
Total BTEX	2.60		0.300	mg/kg	50	1022201	MS	22-Feb-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			110 %	73.3-129		1022201	MS	22-Feb-21	8021B	
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Petroleum Hydrocarbons by GC FID**S-06**

GRO C6-C10*	<50.0		50.0	mg/kg	5	1022203	MS	22-Feb-21	8015B	
DRO >C10-C28*	11400		50.0	mg/kg	5	1022203	MS	22-Feb-21	8015B	
EXT DRO >C28-C36	3430		50.0	mg/kg	5	1022203	MS	22-Feb-21	8015B	

Surrogate: 1-Chlorooctane			118 %	44.3-144		1022203	MS	22-Feb-21	8015B	
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Surrogate: 1-Chlorooctadecane			795 %	42.2-156		1022203	MS	22-Feb-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: SMOKEY BITS CTB
Project Number: (11-7-20)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
25-Feb-21 14:56

SP 6 @ 1'
H210392-31 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	1021905	GM	19-Feb-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<0.050		0.050	mg/kg	50	1022201	MS	22-Feb-21	8021B	
Toluene*	0.098		0.050	mg/kg	50	1022201	MS	22-Feb-21	8021B	
Ethylbenzene*	0.673		0.050	mg/kg	50	1022201	MS	22-Feb-21	8021B	
Total Xylenes*	2.39		0.150	mg/kg	50	1022201	MS	22-Feb-21	8021B	
Total BTEX	3.16		0.300	mg/kg	50	1022201	MS	22-Feb-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		130 %	73.3-129			1022201	MS	22-Feb-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	52.6		10.0	mg/kg	1	1021903	MS	19-Feb-21	8015B	
DRO >C10-C28*	963		10.0	mg/kg	1	1021903	MS	19-Feb-21	8015B	
EXT DRO >C28-C36	198		10.0	mg/kg	1	1021903	MS	19-Feb-21	8015B	

Surrogate: 1-Chlorooctane		115 %	44.3-144			1021903	MS	19-Feb-21	8015B	
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Surrogate: 1-Chlorooctadecane		126 %	42.2-156			1021903	MS	19-Feb-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: SMOKEY BITS CTB
Project Number: (11-7-20)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
25-Feb-21 14:56

SP 6 @ 2'
H210392-32 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	160		16.0	mg/kg	4	1021905	GM	19-Feb-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1022201	MS	22-Feb-21	8021B	
Toluene*	0.062		0.050	mg/kg	50	1022201	MS	22-Feb-21	8021B	
Ethylbenzene*	0.137		0.050	mg/kg	50	1022201	MS	22-Feb-21	8021B	
Total Xylenes*	0.469		0.150	mg/kg	50	1022201	MS	22-Feb-21	8021B	
Total BTEX	0.668		0.300	mg/kg	50	1022201	MS	22-Feb-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			107 %	73.3-129		1022201	MS	22-Feb-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	10.3		10.0	mg/kg	1	1021903	MS	19-Feb-21	8015B	
DRO >C10-C28*	355		10.0	mg/kg	1	1021903	MS	19-Feb-21	8015B	
EXT DRO >C28-C36	79.0		10.0	mg/kg	1	1021903	MS	19-Feb-21	8015B	

Surrogate: 1-Chlorooctane			102 %	44.3-144		1021903	MS	19-Feb-21	8015B	
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Surrogate: 1-Chlorooctadecane			118 %	42.2-156		1021903	MS	19-Feb-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: SMOKEY BITS CTB
Project Number: (11-7-20)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
25-Feb-21 14:56

SP 6 @ 3'
H210392-33 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	1021905	GM	19-Feb-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1022201	MS	22-Feb-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1022201	MS	22-Feb-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1022201	MS	22-Feb-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1022201	MS	22-Feb-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1022201	MS	22-Feb-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			101 %	73.3-129		1022201	MS	22-Feb-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1022207	MS	22-Feb-21	8015B	QR-03
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1022207	MS	22-Feb-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1022207	MS	22-Feb-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			103 %	44.3-144		1022207	MS	22-Feb-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			99.3 %	42.2-156		1022207	MS	22-Feb-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241Project: SMOKEY BITS CTB
Project Number: (11-7-20)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397Reported:
25-Feb-21 14:56**SP 6 @ 4'**
H210392-34 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	1021905	GM	19-Feb-21	4500-Cl-B	
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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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Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: SMOKEY BITS CTB
Project Number: (11-7-20)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
25-Feb-21 14:56

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1021701 - 1:4 DI Water**Blank (1021701-BLK1)**

Prepared & Analyzed: 17-Feb-21

Chloride	ND	16.0	mg/kg
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LCS (1021701-BS1)

Prepared & Analyzed: 17-Feb-21

Chloride	432	16.0	mg/kg	400	108	80-120
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LCS Dup (1021701-BSD1)

Prepared & Analyzed: 17-Feb-21

Chloride	416	16.0	mg/kg	400	104	80-120	3.77	20
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Batch 1021904 - 1:4 DI Water**Blank (1021904-BLK1)**

Prepared & Analyzed: 19-Feb-21

Chloride	ND	16.0	mg/kg
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LCS (1021904-BS1)

Prepared & Analyzed: 19-Feb-21

Chloride	432	16.0	mg/kg	400	108	80-120
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LCS Dup (1021904-BSD1)

Prepared & Analyzed: 19-Feb-21

Chloride	432	16.0	mg/kg	400	108	80-120	0.00	20
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Batch 1021905 - 1:4 DI Water**Blank (1021905-BLK1)**

Prepared & Analyzed: 19-Feb-21

Chloride	ND	16.0	mg/kg
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LCS (1021905-BS1)

Prepared & Analyzed: 19-Feb-21

Chloride	400	16.0	mg/kg	400	100	80-120
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: SMOKEY BITS CTB
Project Number: (11-7-20)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
25-Feb-21 14:56

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1021905 - 1:4 DI Water**LCS Dup (1021905-BSD1)**

Prepared & Analyzed: 19-Feb-21

Chloride	416	16.0	mg/kg	400		104	80-120	3.92	20	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: SMOKEY BITS CTB
Project Number: (11-7-20)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
25-Feb-21 14:56

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1021901 - Volatiles**Blank (1021901-BLK1)**

Prepared & Analyzed: 19-Feb-21

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0500		mg/kg	0.0500		99.9	73.3-129			

LCS (1021901-BS1)

Prepared & Analyzed: 19-Feb-21

Benzene	2.03	0.050	mg/kg	2.00		102	72.2-131			
Toluene	2.02	0.050	mg/kg	2.00		101	71.7-126			
Ethylbenzene	1.95	0.050	mg/kg	2.00		97.5	68.9-126			
Total Xylenes	5.73	0.150	mg/kg	6.00		95.5	71.4-125			
Surrogate: 4-Bromofluorobenzene (PID)	0.0487		mg/kg	0.0500		97.4	73.3-129			

LCS Dup (1021901-BSD1)

Prepared & Analyzed: 19-Feb-21

Benzene	2.15	0.050	mg/kg	2.00		108	72.2-131	5.67	14.6	
Toluene	2.13	0.050	mg/kg	2.00		107	71.7-126	5.63	17.4	
Ethylbenzene	2.07	0.050	mg/kg	2.00		104	68.9-126	6.16	18.9	
Total Xylenes	6.09	0.150	mg/kg	6.00		101	71.4-125	6.09	18.5	
Surrogate: 4-Bromofluorobenzene (PID)	0.0488		mg/kg	0.0500		97.5	73.3-129			

Batch 1021902 - Volatiles**Blank (1021902-BLK1)**

Prepared & Analyzed: 19-Feb-21

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0505		mg/kg	0.0500		101	73.3-129			

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P.O. Box 805
Hobbs NM, 88241

Project: SMOKEY BITS CTB
Project Number: (11-7-20)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
25-Feb-21 14:56

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1021902 - Volatiles**LCS (1021902-BS1)**

Prepared & Analyzed: 19-Feb-21

Benzene	2.09	0.050	mg/kg	2.00		105	72.2-131			
Toluene	2.07	0.050	mg/kg	2.00		103	71.7-126			
Ethylbenzene	2.00	0.050	mg/kg	2.00		100	68.9-126			
Total Xylenes	5.84	0.150	mg/kg	6.00		97.3	71.4-125			
Surrogate: 4-Bromofluorobenzene (PID)	0.0489		mg/kg	0.0500		97.8	73.3-129			

LCS Dup (1021902-BS1)

Prepared & Analyzed: 19-Feb-21

Benzene	2.17	0.050	mg/kg	2.00		108	72.2-131	3.61	14.6	
Toluene	2.15	0.050	mg/kg	2.00		108	71.7-126	4.14	17.4	
Ethylbenzene	2.09	0.050	mg/kg	2.00		104	68.9-126	3.95	18.9	
Total Xylenes	6.07	0.150	mg/kg	6.00		101	71.4-125	3.93	18.5	
Surrogate: 4-Bromofluorobenzene (PID)	0.0495		mg/kg	0.0500		99.1	73.3-129			

Batch 1022201 - Volatiles**Blank (1022201-BLK1)**

Prepared & Analyzed: 22-Feb-21

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		98.0	73.3-129			

LCS (1022201-BS1)

Prepared & Analyzed: 22-Feb-21

Benzene	1.91	0.050	mg/kg	2.00		95.7	72.2-131			
Toluene	1.89	0.050	mg/kg	2.00		94.3	71.7-126			
Ethylbenzene	1.84	0.050	mg/kg	2.00		91.8	68.9-126			
Total Xylenes	5.40	0.150	mg/kg	6.00		90.0	71.4-125			
Surrogate: 4-Bromofluorobenzene (PID)	0.0459		mg/kg	0.0500		91.8	73.3-129			

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P.O. Box 805
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Project: SMOKEY BITS CTB
Project Number: (11-7-20)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
25-Feb-21 14:56

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1022201 - Volatiles**LCS Dup (1022201-BSD1)**

Prepared & Analyzed: 22-Feb-21

Benzene	2.08	0.050	mg/kg	2.00		104	72.2-131	8.20	14.6	
Toluene	2.10	0.050	mg/kg	2.00		105	71.7-126	10.7	17.4	
Ethylbenzene	2.00	0.050	mg/kg	2.00		99.9	68.9-126	8.46	18.9	
Total Xylenes	5.85	0.150	mg/kg	6.00		97.4	71.4-125	7.96	18.5	
Surrogate: 4-Bromofluorobenzene (PID)	0.0484		mg/kg	0.0500		96.7	73.3-129			

Batch 1022404 - Volatiles**Blank (1022404-BLK1)**

Prepared & Analyzed: 24-Feb-21

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0506		mg/kg	0.0500		101	73.3-129			

LCS (1022404-BS1)

Prepared & Analyzed: 24-Feb-21

Benzene	2.16	0.050	mg/kg	2.00		108	72.2-131			
Toluene	2.12	0.050	mg/kg	2.00		106	71.7-126			
Ethylbenzene	2.06	0.050	mg/kg	2.00		103	68.9-126			
Total Xylenes	6.01	0.150	mg/kg	6.00		100	71.4-125			
Surrogate: 4-Bromofluorobenzene (PID)	0.0492		mg/kg	0.0500		98.5	73.3-129			

LCS Dup (1022404-BSD1)

Prepared & Analyzed: 24-Feb-21

Benzene	2.17	0.050	mg/kg	2.00		108	72.2-131	0.154	14.6	
Toluene	2.15	0.050	mg/kg	2.00		107	71.7-126	1.05	17.4	
Ethylbenzene	2.08	0.050	mg/kg	2.00		104	68.9-126	0.673	18.9	
Total Xylenes	6.05	0.150	mg/kg	6.00		101	71.4-125	0.686	18.5	
Surrogate: 4-Bromofluorobenzene (PID)	0.0488		mg/kg	0.0500		97.7	73.3-129			

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Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: SMOKEY BITS CTB
Project Number: (11-7-20)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
25-Feb-21 14:56

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1021801 - General Prep - Organics**Blank (1021801-BLK1)**

Prepared & Analyzed: 18-Feb-21

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	40.1		mg/kg	50.0		80.1	44.3-144			
Surrogate: 1-Chlorooctadecane	40.4		mg/kg	50.0		80.9	42.2-156			

LCS (1021801-BS1)

Prepared & Analyzed: 18-Feb-21

GRO C6-C10	208	10.0	mg/kg	200		104	83.7-135			
DRO >C10-C28	218	10.0	mg/kg	200		109	80.4-133			
Total TPH C6-C28	426	10.0	mg/kg	400		107	83.1-133			
Surrogate: 1-Chlorooctane	41.6		mg/kg	50.0		83.3	44.3-144			
Surrogate: 1-Chlorooctadecane	41.9		mg/kg	50.0		83.8	42.2-156			

LCS Dup (1021801-BS1)

Prepared & Analyzed: 18-Feb-21

GRO C6-C10	211	10.0	mg/kg	200		106	83.7-135	1.64	13.8	
DRO >C10-C28	218	10.0	mg/kg	200		109	80.4-133	0.0925	22.1	
Total TPH C6-C28	430	10.0	mg/kg	400		107	83.1-133	0.848	17.7	
Surrogate: 1-Chlorooctane	41.3		mg/kg	50.0		82.7	44.3-144			
Surrogate: 1-Chlorooctadecane	40.8		mg/kg	50.0		81.7	42.2-156			

Batch 1021903 - General Prep - Organics**Blank (1021903-BLK1)**

Prepared & Analyzed: 19-Feb-21

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	52.4		mg/kg	50.0		105	44.3-144			
Surrogate: 1-Chlorooctadecane	53.0		mg/kg	50.0		106	42.2-156			

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Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: SMOKEY BITS CTB
Project Number: (11-7-20)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
25-Feb-21 14:56

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1021903 - General Prep - Organics**LCS (1021903-BS1)**

Prepared & Analyzed: 19-Feb-21

GRO C6-C10	211	10.0	mg/kg	200		105	83.7-135			
DRO >C10-C28	215	10.0	mg/kg	200		107	80.4-133			
Total TPH C6-C28	426	10.0	mg/kg	400		106	83.1-133			
Surrogate: 1-Chlorooctane	53.1		mg/kg	50.0		106	44.3-144			
Surrogate: 1-Chlorooctadecane	54.5		mg/kg	50.0		109	42.2-156			

LCS Dup (1021903-BS1)

Prepared & Analyzed: 19-Feb-21

GRO C6-C10	216	10.0	mg/kg	200		108	83.7-135	2.58	13.8	
DRO >C10-C28	219	10.0	mg/kg	200		109	80.4-133	2.00	22.1	
Total TPH C6-C28	435	10.0	mg/kg	400		109	83.1-133	2.29	17.7	
Surrogate: 1-Chlorooctane	56.4		mg/kg	50.0		113	44.3-144			
Surrogate: 1-Chlorooctadecane	58.1		mg/kg	50.0		116	42.2-156			

Batch 1022203 - General Prep - Organics**Blank (1022203-BLK1)**

Prepared & Analyzed: 22-Feb-21

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	51.8		mg/kg	50.0		104	44.3-144			
Surrogate: 1-Chlorooctadecane	56.2		mg/kg	50.0		112	42.2-156			

LCS (1022203-BS1)

Prepared & Analyzed: 22-Feb-21

GRO C6-C10	213	10.0	mg/kg	200		107	83.7-135			
DRO >C10-C28	206	10.0	mg/kg	200		103	80.4-133			
Total TPH C6-C28	420	10.0	mg/kg	400		105	83.1-133			
Surrogate: 1-Chlorooctane	55.7		mg/kg	50.0		111	44.3-144			
Surrogate: 1-Chlorooctadecane	58.6		mg/kg	50.0		117	42.2-156			

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P.O. Box 805
Hobbs NM, 88241

Project: SMOKEY BITS CTB
Project Number: (11-7-20)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
25-Feb-21 14:56

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1022203 - General Prep - Organics**LCS Dup (1022203-BSD1)**

Prepared & Analyzed: 22-Feb-21

GRO C6-C10	223	10.0	mg/kg	200		112	83.7-135	4.69	13.8	
DRO >C10-C28	213	10.0	mg/kg	200		107	80.4-133	3.34	22.1	
Total TPH C6-C28	437	10.0	mg/kg	400		109	83.1-133	4.03	17.7	
Surrogate: 1-Chlorooctane	59.0		mg/kg	50.0		118	44.3-144			
Surrogate: 1-Chlorooctadecane	62.6		mg/kg	50.0		125	42.2-156			

Batch 1022207 - General Prep - Organics**Blank (1022207-BLK1)**

Prepared & Analyzed: 22-Feb-21

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	52.1		mg/kg	50.0		104	44.3-144			
Surrogate: 1-Chlorooctadecane	49.5		mg/kg	50.0		99.1	42.2-156			

LCS (1022207-BS1)

Prepared & Analyzed: 22-Feb-21

GRO C6-C10	218	10.0	mg/kg	200		109	83.7-135			
DRO >C10-C28	216	10.0	mg/kg	200		108	80.4-133			
Total TPH C6-C28	434	10.0	mg/kg	400		109	83.1-133			
Surrogate: 1-Chlorooctane	56.6		mg/kg	50.0		113	44.3-144			
Surrogate: 1-Chlorooctadecane	55.1		mg/kg	50.0		110	42.2-156			

LCS Dup (1022207-BSD1)

Prepared & Analyzed: 22-Feb-21

GRO C6-C10	209	10.0	mg/kg	200		105	83.7-135	4.26	13.8	
DRO >C10-C28	200	10.0	mg/kg	200		100	80.4-133	7.52	22.1	
Total TPH C6-C28	409	10.0	mg/kg	400		102	83.1-133	5.87	17.7	
Surrogate: 1-Chlorooctane	56.5		mg/kg	50.0		113	44.3-144			
Surrogate: 1-Chlorooctadecane	52.6		mg/kg	50.0		105	42.2-156			

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Project: SMOKEY BITS CTB
Project Number: (11-7-20)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
25-Feb-21 14:56

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1022402 - General Prep - Organics**Blank (1022402-BLK1)**

Prepared & Analyzed: 24-Feb-21

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	51.8		mg/kg	50.0		104	44.3-144			
Surrogate: 1-Chlorooctadecane	56.4		mg/kg	50.0		113	42.2-156			

LCS (1022402-BS1)

Prepared & Analyzed: 24-Feb-21

GRO C6-C10	194	10.0	mg/kg	200		96.8	83.7-135			
DRO >C10-C28	191	10.0	mg/kg	200		95.3	80.4-133			
Total TPH C6-C28	384	10.0	mg/kg	400		96.1	83.1-133			
Surrogate: 1-Chlorooctane	51.7		mg/kg	50.0		103	44.3-144			
Surrogate: 1-Chlorooctadecane	56.2		mg/kg	50.0		112	42.2-156			

LCS Dup (1022402-BS1)

Prepared & Analyzed: 24-Feb-21

GRO C6-C10	216	10.0	mg/kg	200		108	83.7-135	10.8	13.8	
DRO >C10-C28	209	10.0	mg/kg	200		104	80.4-133	9.16	22.1	
Total TPH C6-C28	425	10.0	mg/kg	400		106	83.1-133	9.98	17.7	
Surrogate: 1-Chlorooctane	59.1		mg/kg	50.0		118	44.3-144			
Surrogate: 1-Chlorooctadecane	64.9		mg/kg	50.0		130	42.2-156			

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Celey D. Keene, Lab Director/Quality Manager

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

Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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

P1024

Page 48 of 51



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

P.2084

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.

Project Manager: Cliff Brunson

Address: P.O. Box 805

City: Hobbs

Phone #: 575-397-6388

Project #:

Project Name: SMOKEY BITS CTB (11-7-20)

Project Location: EDDY COUNTY, NM

Sample Name: Simon Rendon

FOR LAB USE ONLY

Lab I.D. Sample I.D.

Sampler Name: Simon Kendon	
FOR LAB USE ONLY	
Lab I.D.	Sample I.D.

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Relinquished By:

Date: 2/18/21

Received By:

Phone Result:

Fax Result:

Add'l Phone #:

Add'l Fax #:

Relinquished By:

Date:

Received By:

Phone Result:

Fax Result:

Add'l Phone #:

Add'l Fax #:

Delivered By: (Circle One)

Date:

Received By:

Phone Result:

Fax Result:

Add'l Phone #:

Add'l Fax #:

Sampler - UPS - Bus - Other:

Date:

Received By:

Phone Result:

Fax Result:

Add'l Phone #:

Add'l Fax #:

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



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

P.374

(505) 393-2326 FAX (505) 393-2476

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.

Project Manager: Cliff Brunson

Address: P.O. Box 805

City: Hobbs

Phone #: 575-397-6388

Project #:

Project Name: SMOKEY BITS CTB (11-7-20)

Project Location: EDDY COUNTY, NM

Sampler Name: Simon Rendon

FOR LAB USE ONLY

P.O. #:

Company: OXY

Attn: WADE

Address:

City:

State: Zip:

Phone #:

Fax #:

Lab I.D. Sample I.D.

H210392

SP4 @ 1'

SP4 @ 2'

SP4 @ 3'

SP4 @ 4'

SP5 @ Surface

SP5 @ 1'

SP5 @ 2'

SP5 @ 3'

SP5 @ 4'

SP6 @ Surface

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

CL

BTEX

TPH EXT

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Relinquished By:

Relinquished By:

Date: 2-18-21

Time: 1520

Date:

Time:

Received By:

Received By:

Phone Result:

Fax Result:

Yes No

Yes No

Add'l Phone #:

Add'l Fax #:

REMARKS:

Phone Result:

Fax Result:

Yes No

Yes No

Add'l Phone #:

Add'l Fax #:

Phone Result:

Fax Result:

Yes No

Yes No

Add'l Phone #:

Add'l Fax #:

Phone Result:

Fax Result:

Yes No

Yes No

Add'l Phone #:

Add'l Fax #:

Phone Result:

Fax Result:

Yes No

Yes No

Add'l Phone #:

Add'l Fax #:

Phone Result:

Fax Result:

Yes No

Yes No

Add'l Phone #:

Add'l Fax #:

Phone Result:

Fax Result:

Yes No

Yes No

Add'l Phone #:

Add'l Fax #:

Phone Result:

Fax Result:

Yes No

Yes No

Add'l Phone #:

Add'l Fax #:

Phone Result:

Fax Result:



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BILL TO

ANALYSIS REQUEST

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

P. 4 of 4

(505) 393-2326 FAX (505) 393-2476

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.

Project Manager: Cliff Brunson

Address: P.O. Box 805

City: Hobbs State: NM zip: 88241

Phone #: 575-397-6388 Fax #: 575-397-0397

Project #:

Project Name: SMOKEY BITS CTB (11-7-20)

Project Location: EDDY COUNTY, NM

Sampler Name: Simon Rendon

FOR LAB USE ONLY

Lab I.D. Sample I.D.

H20392
31 SP6 @ 1'
32 SP6 @ 2'
33 SP6 @ 3'
34 SP6 @ 4'

(G)RAB OR (C)OMP.
CONTAINERS
GROUNDWATER
WASTEWATER
SOIL
OIL
SLUDGE
OTHER :
ACID/BASE:
ICE / COOL
OTHER :

DATE TIME
2/17/21 3:26 PM ✓
2/17/21 3:35 PM ✓
2/17/21 3:43 PM ✓
2/17/21 3:50 PM ✓

U BTEX TPH EXT

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Relinquished By:

Date: 2-18-21

Received By:

Relinquished By:

Time: 1530

Received By:

Phone Result: ☐ Yes ☐ No Add'l Phone #:
Fax Result: ☐ Yes ☐ No Add'l Fax #:

REMARKS:

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

2.76 #113

Sample Condition
☒ Cool ☐ Intact
☐ Yes ☐ No

CHECKED BY:
(Initials)
V.B.



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

April 16, 2021

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: SMOKEY BITS CTB

Enclosed are the results of analyses for samples received by the laboratory on 04/12/21 16:01.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. 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:

BBC International, Inc.
 Cliff Brunson
 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	04/12/2021	Sampling Date:	04/12/2021
Reported:	04/16/2021	Sampling Type:	Soil
Project Name:	SMOKEY BITS CTB	Sampling Condition:	Cool & Intact
Project Number:	11/7/2020	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SP 3 @ 4' (H210921-01)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/15/2021	ND	2.23	112	2.00	3.61		
Toluene*	<0.050	0.050	04/15/2021	ND	2.15	108	2.00	4.34		
Ethylbenzene*	<0.050	0.050	04/15/2021	ND	2.13	107	2.00	4.53		
Total Xylenes*	<0.150	0.150	04/15/2021	ND	6.35	106	6.00	4.44		
Total BTEX	<0.300	0.300	04/15/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/14/2021	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	04/14/2021	ND	226	113	200	0.0402	
DRO >C10-C28*	<10.0	10.0	04/14/2021	ND	253	127	200	3.77	
EXT DRO >C28-C36	<10.0	10.0	04/14/2021	ND					

Surrogate: 1-Chlorooctane 98.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 100 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

BBC International, Inc.
 Cliff Brunson
 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	04/12/2021	Sampling Date:	04/12/2021
Reported:	04/16/2021	Sampling Type:	Soil
Project Name:	SMOKEY BITS CTB	Sampling Condition:	Cool & Intact
Project Number:	11/7/2020	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SP 3 @ 5' (H210921-02)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/15/2021	ND	2.23	112	2.00	3.61		
Toluene*	<0.050	0.050	04/15/2021	ND	2.15	108	2.00	4.34		
Ethylbenzene*	<0.050	0.050	04/15/2021	ND	2.13	107	2.00	4.53		
Total Xylenes*	<0.150	0.150	04/15/2021	ND	6.35	106	6.00	4.44		
Total BTX	<0.300	0.300	04/15/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	04/14/2021	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	04/14/2021	ND	226	113	200	0.0402	
DRO >C10-C28*	<10.0	10.0	04/14/2021	ND	253	127	200	3.77	
EXT DRO >C28-C36	<10.0	10.0	04/14/2021	ND					

Surrogate: 1-Chlorooctane 98.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 97.3 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

BBC International, Inc.
 Cliff Brunson
 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	04/12/2021	Sampling Date:	04/12/2021
Reported:	04/16/2021	Sampling Type:	Soil
Project Name:	SMOKEY BITS CTB	Sampling Condition:	Cool & Intact
Project Number:	11/7/2020	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SP 3 @ 6' (H210921-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	04/14/2021	ND	400	100	400	3.92		

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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

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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
(505) 393-2326 FAX (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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

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

CONDITIONS

Action 168418

CONDITIONS

Operator: COLGATE OPERATING, LLC 300 North Marienfeld Street Midland, TX 79701	OGRID: 371449
	Action Number: 168418
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2103559332 SMOKEY BITS CTB, thank you. This closure is approved.	1/24/2023