

State of New Mexico Oil Conservation Division

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

Incident ID	NAPP2103559332
District RP	
Facility ID	
Application ID	

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

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.

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: Date: 12/19/22 email: Nikki Mishler Permianres comTelephone: 433-lo34-8722			
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/REMEDIATION 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

Creating a Better Environment For Oil & Gas Operations

Mr. Mike Bratcher December 19, 2022 Page 2 of 3

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.

A NTG

Mr. Mike Bratcher December 19, 2022 Page 3 of 3

• 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

A NTG ENVIRONMENTAL

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

From: Ethan Sessums

Sent: Friday, August 12, 2022 9:19 AM

To:ocd.enviro@state.nm.usSubject: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/



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/



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/



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, EMNRDSubject:(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

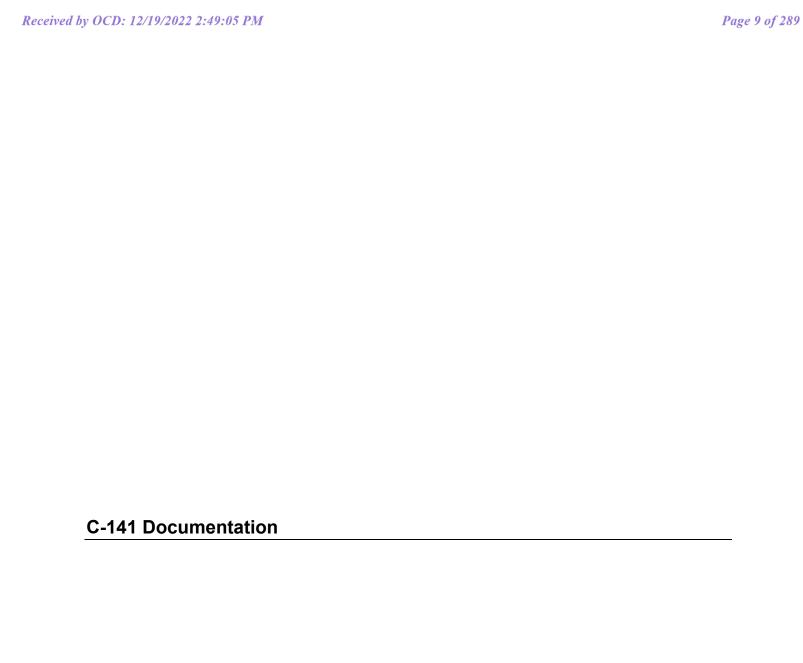
CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

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



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

Responsible Party

Contact Name

OXY USA INC.

WADE DITTRICH

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	
Facility ID	
Application ID	

16696

(575) 390-2828

Release Notification

Responsible Party

OGRID

Contact Telephone

							(1.0) 000 2020
Contact email WADE_DITTRICH@OXY.COM			Incident # (assigned by OCD)				
Contact mailing address PO BOX 4294; HOUSTON, TX 77210							
			Location o	f R	elease So	ource	
Latitude	N 32.70	0959			Longitude	W -103	.933389
			(NAD 83 in decim			nal places)	
Site Name SMOKEY BITS CTB			Site Type	BATT	FERY		
Date Release	Discovered	11/7/2020			API# (if app	licable)	
Unit Letter	Section	Township	Range		Coun	fv	1
L	36	T18S	R30E	FD		NTY, NM	-
					<i>7</i>	1411,14101	J.
Surface Owner	r: State	x Federal ☐ Tr	ribal 🗌 Private (<i>Na</i>	me:_)
			Nature and	Vol	ume of R	Release	
	Material	I(c) Released (Salact al					
Crude Oil	- Tritici ili	Volume Release	d (bbls) 20 BBLS	iculati	ions or specific	Volume Recovered (bbls) 19 BBLS	
Produced	Water	Volume Release	d (bbls)			Volume Reco	
	Is the concentration of dissolved chloride produced water >10,000 mg/l?			in the	☐ Yes ☐ N	io .	
Condensat	te	Volume Released (bbls)				Volume Reco	vered (bbls)
Natural G	Natural Gas Volume Released (Mcf)				Volume Reco	vered (Mcf)	
Other (describe) Volume/Weight Released (provide units)			Volume/Weig	tht Recovered (provide units)			
Cause of Rele							
WEAR & T	EAR						

Form C-141 Page 2

State of New Mexico Oil Conservation Division

Incident ID	NAPP2103559332
District RP	
Facility ID	
Application ID	

W d-ii-	TENTER C. I	
Was this a major release as defined by	If YES, for what reason(s) does the res	ponsible party consider this a major release?
19.15.29.7(A) NMAC?		
(17,111,111,111,111,111,111,111,111,111,		
Yes 🔳 No		
If VES was immediate n	otice given to the OCD2 December 2. To	whom? When and by what means (phone, email, etc)?
it 1 L3, was ittificulate it	once given to the OCD? By whom? To	whom? when and by what means (phone, email, etc)?
	Initial	Response
		•
The responsible p	party must undertake the following actions immedi	ately unless they could create a safety hazard that would result in injury
The source of the rele	**	
	s been secured to protect human health a	
Comment of the Commen		or dikes, absorbent pads, or other containment devices.
All free liquids and re	ecoverable materials have been removed	and managed appropriately.
If all the actions described	d above have <u>not</u> been undertaken, expla	n why:
D 1015 20 0 D (1) 27 (
Per 19.15.29.8 B. (4) NM.	AC the responsible party may commence	e remediation immediately after discovery of a release. If remediation
within a lined containmen	t area (see 19.15.29.11(A)(5)(a) NMAC	al efforts have been successfully completed or if the release occurred of please attach all information needed for closure evaluation.
regulations all operators are r	mation given above is true and complete to the required to report and/or file certain release n	ne best of my knowledge and understand that pursuant to OCD rules and otifications and perform corrective actions for releases which may endanger
public health or the environm	nent. The acceptance of a C-141 report by the	e OCD does not relieve the operator of liability should their operations have
failed to adequately investiga	ate and remediate contamination that pose a the	reat to groundwater, surface water, human health or the environment. In
addition, OCD acceptance of and/or regulations.	a C-141 report does not relieve the operator	of responsibility for compliance with any other federal, state, or local laws
Printed Name: Wade	Dittrich	Title: Environmental Coordinator
Signature: Wade	della	Date: 11-16-2070
email: wade_dittric	ch@oxy.com	Telephone: (575) 390-2828
		receptione: 7
OCD Only		
Desciond loss		
Received by:		

te of New Mexico

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?	183.99 (ft bgs)			
Did this release impact groundwater or surface water?	☐ Yes ■ No			
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ■ No			
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ■ No			
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ■ No			
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ■ No			
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ■ No			
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ■ No			
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ■ No			
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ■ No			
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ■ No			
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ■ No			
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ■ No			
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.				
Characterization Report Checklist: Each of the following items must be included in the report.				
Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release Boring or excavation logs Photographs including date and GIS information Topographic/Aerial maps Laboratory data including chain of custody				

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

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Form C-141

Page 4

State of New Mexico Oil Conservation Division

	111111 1 2103337332
Incident ID	144XFX103434X
District RP	
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the regulations all operators are required to report and/or file certain release not public health or the environment. The acceptance of a C-141 report by the failed to adequately investigate and remediate contamination that pose a threaddition, OCD acceptance of a C-141 report does not relieve the operator of and/or regulations.	ifications and perform corrective actions for releases which may endanger OCD does not relieve the operator of liability should their operations have eat to groundwater, surface water, human health or the environment. In
Printed Name: Wade Dittrich	Title: Environmental Coordinator
Signature: Warle Live	Date: 5-/4-21
email: wade_dittrich@oxy.com	Telephone: (575) 390-2828
OCD Only	
Received by:	Date:

Page 14 of 289 nAPP2103559332

Form C-141 Page 5 State of New Mexico Oil Conservation Division

Incident ID	XXXXXXX
District RP	
Facility ID	
Application ID	

Remediation Plan

Kemediation rian 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 release 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.	es			
Printed Name: Wade Dittrich Environmental Coordinator				
Signature:				
OCD Only				
Received by: Date:				
Approved Approved with Attached Conditions of Approval Denied Deferral Approved				
Signature: Date:				

State of New Mexico Oil Conservation Division

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

Incident ID	NAPP2103559332
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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.

M Photographs of the remediated site prior to backfill or p must be notified 2 days prior to liner inspection)	hotos of the liner integrity if applicable (Note: appropriate OCD District office
☐ Laboratory analyses of final sampling (Note: appropriate	e ODC District office must be notified 2 days prior to final sampling)
☐ Description of remediation activities	
and regulations all operators are required to report and/or file may endanger public health or the environment. The acceptant should their operations have failed to adequately investigate an human health or the environment. In addition, OCD acceptant compliance with any other federal, state, or local laws and/or restore, reclaim, and re-vegetate the impacted surface area to the accordance with 19.15.29.13 NMAC including notification to Printed Name: Mikki Mishler	complete to the best of my knowledge and understand that pursuant to OCD rules certain release notifications and perform corrective actions for releases which nee of a C-141 report by the OCD does not relieve the operator of liability and remediate contamination that pose a threat to groundwater, surface water, see of a C-141 report does not relieve the operator of responsibility for regulations. The responsible party acknowledges they must substantially the conditions that existed prior to the release or their final land use in the OCD when reclamation and re-vegetation are complete. Title: Sr. Environmental Representative Date: 12/19/2 2 ConTelephone: 432-634-8722
OCD Only	
Received by: Jocelyn Harimon	Date:12/19/2022
Closure approval by the OCD does not relieve the responsible remediate contamination that poses a threat to groundwater, surparty of compliance with any other federal, state, or local laws	party of liability should their operations have failed to adequately investigate and rface water, human health, or the environment nor does not relieve the responsible and/or regulations.
Closure Approved by:	Date:
Printed Name:	Title:

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

BBL Water

Location of spill: **Smokey Bits CTB**

Date of Spill:

Site Soil Type: Silt (caliche)

11/7/2020

Average Daily Production: BBL Oil

Tota	I Area Calcul	ations				
width		length		wet soil depth	oil (%)	
52 ft	X	87 ft	Х	0 in	100%	
0 ft	X	0 ft	X	0 in	0%	
0 ft	X	0 ft	X	0 in	0%	
0 ft	X	0 ft	X	0 in	0%	
0 ft	X	0 ft	X	0 in	0%	
0 ft	X	0 ft	X	0 in	0%	
0 ft	X	0 ft	X	0 in	0%	
0 ft	X	0 ft	X	0 in	0%	
	width 52 ft 0 ft	width 52 ft X 0 ft X	52 ft X 87 ft 0 ft X 0 ft	width length 52 ft X 87 ft X 0 ft X 0 ft X	width length wet soil depth 52 ft X 87 ft X 0 in 0 ft X 0 ft X 0 in	width length wet soil depth oil (%) 52 ft X 87 ft X 0 in 100% 0 ft X 0 ft X 0 in 0% 0 ft X 0 ft X 0 in 0% 0 ft X 0 ft X 0 in 0% 0 ft X 0 ft X 0 in 0% 0 ft X 0 ft X 0 in 0% 0 ft X 0 ft X 0 in 0% 0 ft X 0 ft X 0 in 0% 0 ft X 0 ft X 0 in 0%

Porosity 0.16 gal per gal

Saturate	d Soil Volume Calculations:			
		<u>H2O</u>	<u>OIL</u>	
Area #1	4524 sq. ft.	cu. ft.	38	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.
Estimate	ed Volumes Spilled			
		<u>H2O</u>	<u>OIL</u>	
Liqu	uid in Soil:	0.0 BBL	1.1	BBL
Liquid Re	ecovered :	<u>0.0</u> <u>BBL</u>	<u>19.0</u>	<u>BBL</u>
S	Spill Liquid	0.0 BBL	20.1	BBL
Total S	pill Liquid:	20.1		
Reco	vered 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 Gravely Sand	0.26 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	

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720

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

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:		OGRID:	Action Number:	Action Type:
OXY USA INC P.O. Box 429	Houston, TX772104294	16696	17090	C-141

OCD Reviewer	Condition
marcus	None



Released

to

Imaging:

National Water Information System: Web Interface

Data Category:

Geographic Area: New Mexico

GO

Click to hide News Bulletins

- Explore the NEW USGS National Water Dashboard to access real-time data from over 13,500 stations nationwide.
- 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	
1976-05-28		D	194.39			2		U		U		Α
1983-04-12		D	186.04			2		U		U		Α
1990-10-10		D	183.02			2		S		U		Α
1994-03-16		D	183.99			2		S		U		Α

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	А	Approved for publication Processing and review completed.

Questions about sites/data? Feedback on this web site Automated retrievals Help Data Tips
Explanation of terms
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Accessibility FOIA Privacy Policies and Notices
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

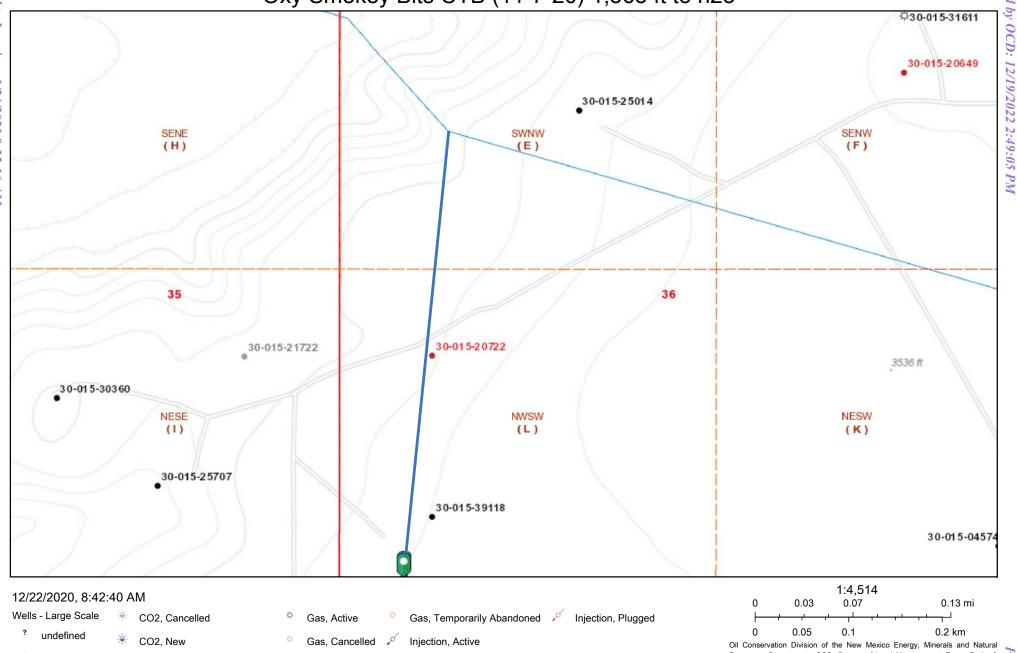
Page Last Modified: 2020-12-22 10:52:45 EST

0.26 0.24 nadww01

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



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



Miscellaneous CO2, Plugged Gas, New Injection, Cancelled CO2, Active CO2, Temporarily Abandoned Gas, Plugged Injection, New

Resources Department., OCD, Bureau of Land Management, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, EPA, USDA, BLM

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





National Flood Hazard Layer FIRMette

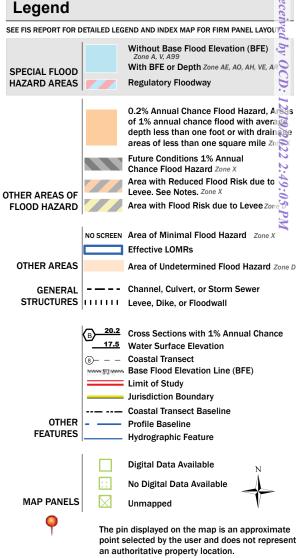
250

500

1,000

1,500





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.



2,000

TABLES

					Colgate Pro Smoke	nation Soil S oduction, LL y Bits CTB y, New Mexi	C				
Sample ID	Date	DRO	TPH GRO	(mg/kg) MRO	Total	Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chlori (mg/k
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.
	8/16/2022	385	<50.0	<50.0	385.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	64.4
CS-6	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
CS-1	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
CS-6	9/6/2022	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.
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
00-11	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
00-12	9/6/2022	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
Regulatory Lin	mits ^A				100 mg/kg	10 mg/kg				50 mg/kg	600 mg/

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC mg/kg - milligram per kilogram TPH- total petroleum hydrocarbons

ft-feet

- exceeds regulatory limits

					Colgate Pro Smoke	nation Soil S oduction, LL y Bits CTB y, New Mexi	C				
Sample ID	Date	DRO	TPH GRO	(mg/kg) MRO	Total	Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chlorid (mg/kg
	8/16/2022	324.0	<49.9	<49.9	324.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	75.2
CS-13	9/6/2022	<10.0	<10.0	<10.0	<10.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	32.0
00.44	8/16/2022	574.0	<49.9	<49.9	574.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	72.9
CS-14	9/6/2022	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192.0
00.45	8/16/2022	461.0	<50.0	<50.0	461.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	140.0
CS-15	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
CS-10	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
CS-17	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
C3-10	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
03-18	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
CG-20	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
00-21	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
00-22	9/6/2022	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
Regulatory Lin	nits ^A				100 mg/kg	10 mg/kg				50 mg/kg	600 mg/k

(-) 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	DRO	TPH GRO	(mg/kg) MRO	Total	Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chlorid (mg/kg
00.00	8/16/2022	299.0	<49.9	<49.9	299.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	60.2
CS-23	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
CS-24	9/6/2022	11.8	<10.0	<10.0	11.8	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
00.05	8/16/2022	500.0	<50.0	<50.0	500.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	110.0
CS-25	9/6/2022	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256.0
00.00	8/16/2022	267.0	<50.0	<50.0	267.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	336.0
CS-26	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
CS-27	9/6/2022	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
00.00	8/16/2022	238.0	<49.8	<49.8	238.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	38.1
CS-28	9/6/2022	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
00.00	8/16/2022	186.0	<50.0	<50.0	186.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	65.1
CS-29	9/6/2022	34.3	<10.0	<10.0	34.3	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
00.00	8/16/2022	188.0	<50.0	<50.0	188.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	19.3
CS-30	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/

(-) Not Analyzed

- exceeds regulatory limits

^A – Table 1 - 19.15.29 NMAC mg/kg - milligram per kilogram TPH- total petroleum hydrocarbons ft-feet

Sample ID	Date	TPH (mg/kg)				Benzene	Toluene	Ethlybenzene		Total BTEX	Chloride
		DRO	GRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	Xylene (mg/kg)	(mg/kg)	(mg/kg)
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
CO-54	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
C3-35	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
C3-30	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
US-37	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
CS-41	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 42	8/16/2022	162.0	<49.8	<49.8	162.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,090
CS-43	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
US-44	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 Limit	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



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Table 1 - Confirmation Soil Samples Colgate Production, LLC Smokey Bits CTB Eddy County, New Mexico											
Sample ID	Date	DRO	TPH GRO	(mg/kg) MRO	Total	Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
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
0)4/ 0	8/16/2022	624.0	<50.0	<50.0	624.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	113.0
SW-9	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 Lin	nits ^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

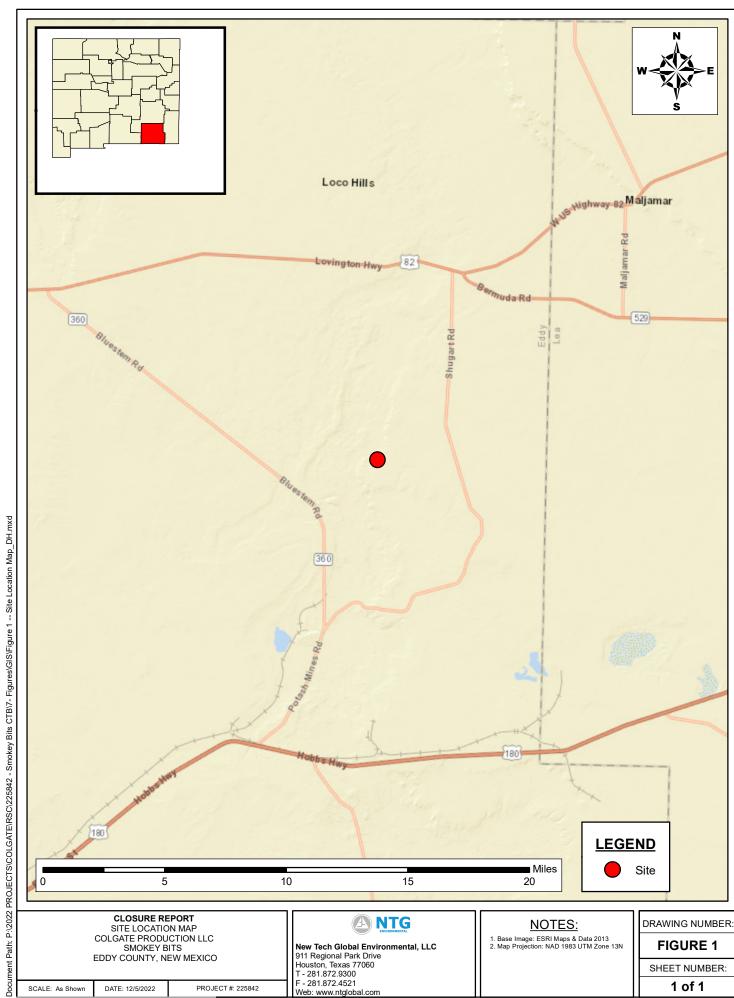
TPH- total petroleum hydrocarbons

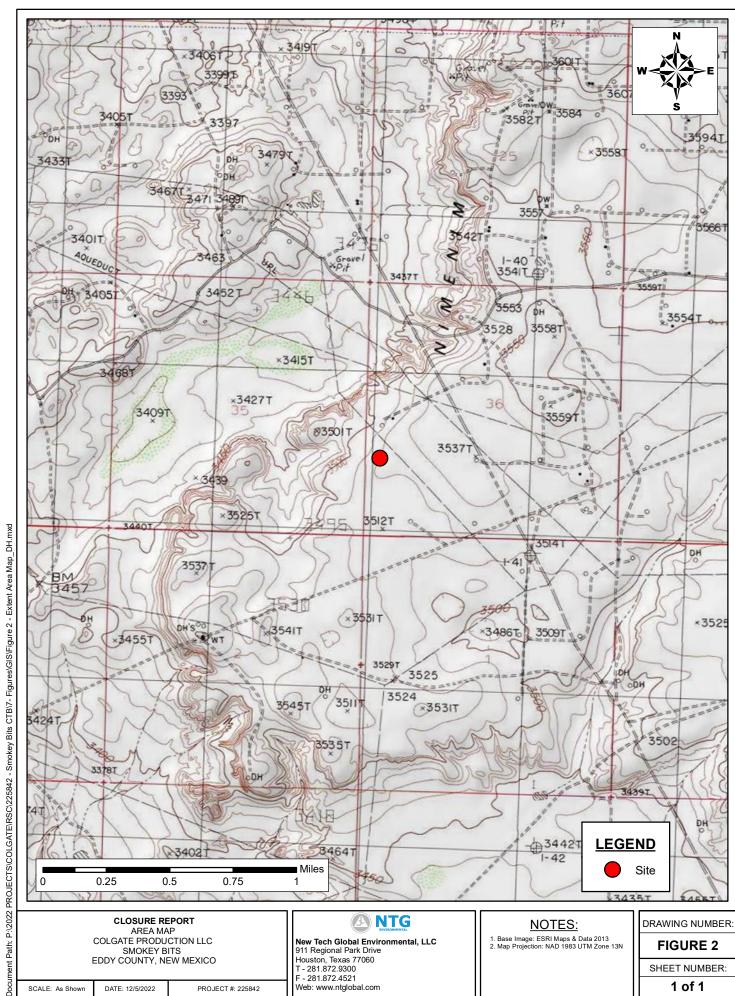
ft-feet

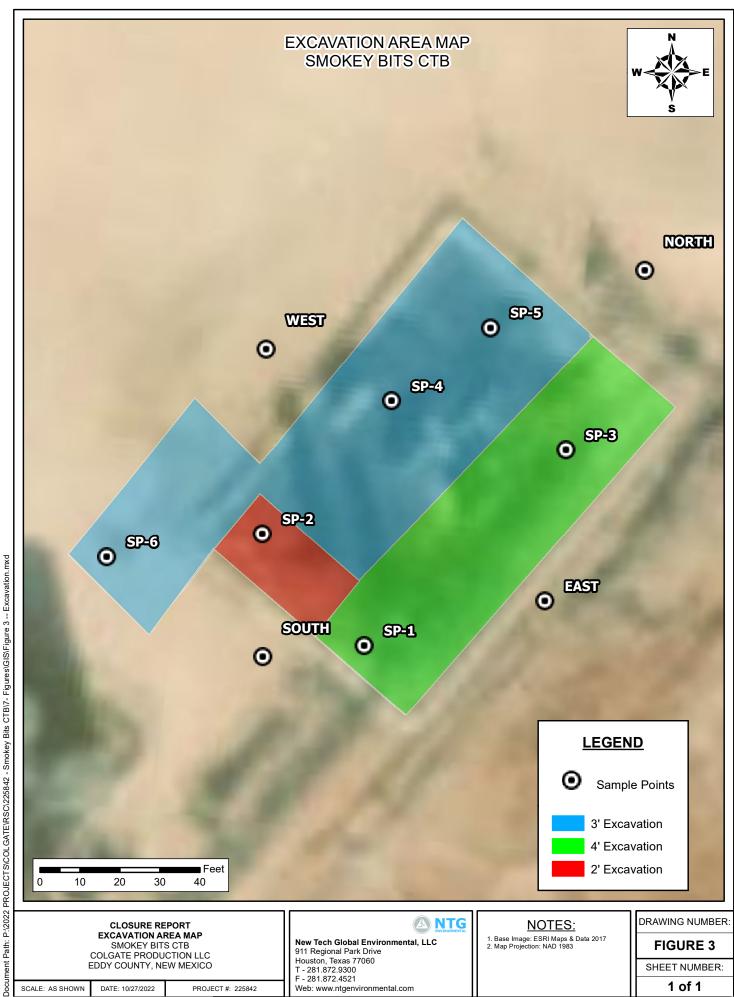
- exceeds regulatory limits

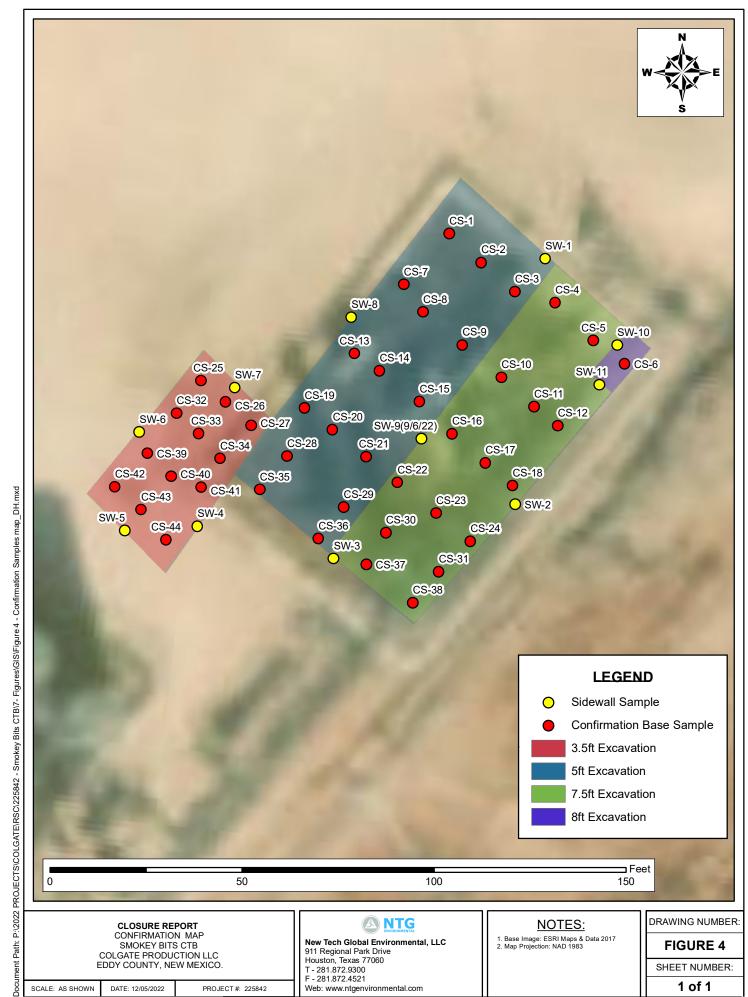
Page 29 of 289

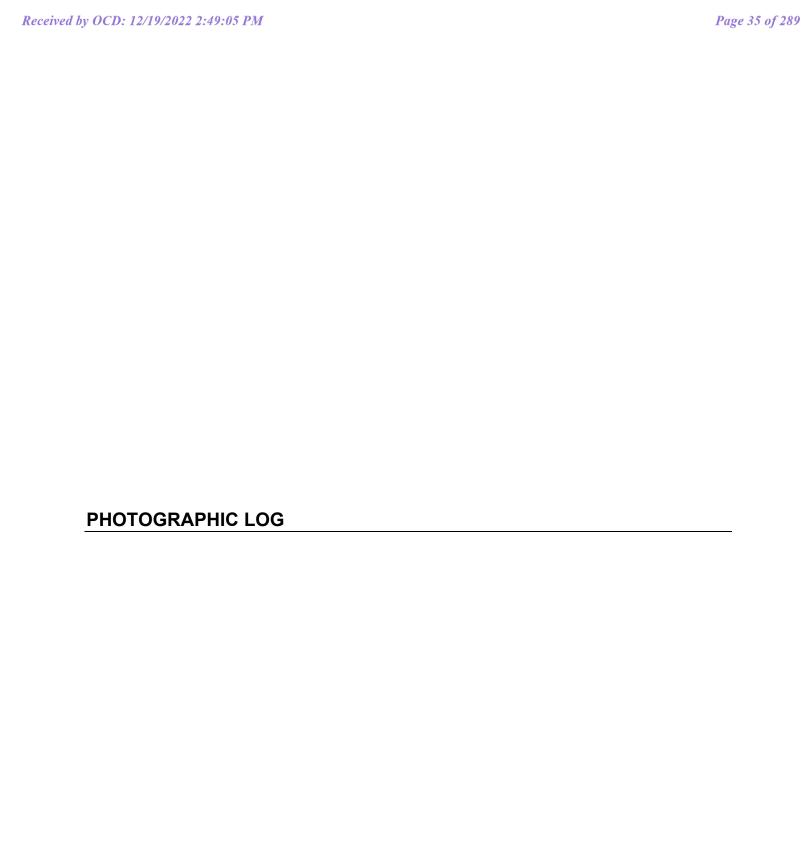
FIGURES











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.

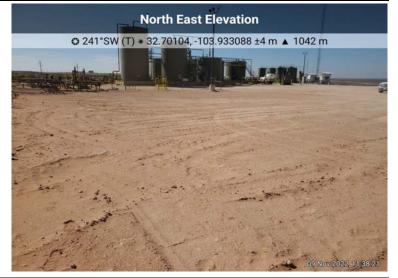


Photograph No. 5

Facility: Smokey Bits CTB

County: Eddy County, New Mexico

Description: View of backfill.

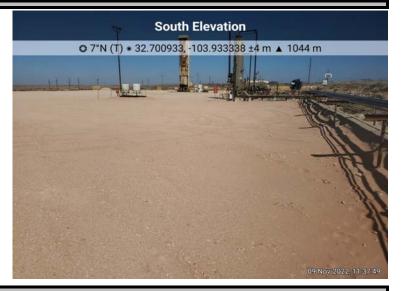


Photograph No. 6

Facility: Smokey Bits CTB

County: Eddy County, New Mexico

Description: View of backfill.



Received by OCD: 12/19/2022 2:49:05 PM	Page 38 of 289
LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS	



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 accredited certif.html.

Cardinal Laboratories is accreditated 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)

Celey D. Keene

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



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

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706		Project Number:	SMOKEY BITS CTB 225842 ETHAN SESSUMS	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

Celey D. Keene, Lab Director/Quality Manager



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
			Cardin	al Laborat	ories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	2090911	AC	09-Sep-22	4500-Cl-B	
Volatile Organic Compound	s 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 (P.	ID)		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*	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	
Surrogate: 1-Chlorooctadecane			107 %	46.3	-178	2090818	MS	09-Sep-22	8015B	

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Reported:

17-Nov-22 10:15



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:

CS - 7 H224112-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
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 (PI	D)		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	
Surrogate: 1-Chlorooctadecane			93.9 %	46.3	-178	2090818	MS	09-Sep-22	8015B	

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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:

17-Nov-22 10:15

Reported:

CS - 8 H224112-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2090911	AC	09-Sep-22	4500-Cl-B	
Volatile Organic Compound	s 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 (P.	ID)		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	

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Reported:

17-Nov-22 10:15



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:

):

CS - 9 H224112-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
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



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
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	112		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 (PII	D)		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			76.8 %	45.3	-161	2090818	MS	09-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			83.8 %	46.3	-178	2090818	MS	09-Sep-22	8015B	

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Celey D. Keene



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
			Cardin	al Laborat	tories					
Inorganic Compounds										
Chloride	80.0		16.0	mg/kg	4	2090911	AC	09-Sep-22	4500-Cl-B	
Volatile Organic Compound	s 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 (P.	ID)		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			79.7 %	45.3	-161	2090818	MS	09-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			87.7 %	46.3	-178	2090818	MS	09-Sep-22	8015B	

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Celey D. Keine



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
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	32.0		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 C	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	
Surrogate: 1-Chlorooctadecane			85.4 %	46.3	-178	2090818	MS	09-Sep-22	8015B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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
			Cardin	al Laborat	tories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	2090911	AC	09-Sep-22	4500-Cl-B	
Volatile Organic Compound	s 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 (P.	ID)		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. Keine

Celey D. Keene, Lab Director/Quality Manager



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
			Cardin	al Laborat	tories					
Inorganic Compounds										
Chloride	192		16.0	mg/kg	4	2090911	AC	09-Sep-22	4500-Cl-B	
Volatile Organic Compound	s 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 (P.	ID)		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			67.5 %	45.3	-161	2090818	MS	09-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			77.4 %	46.3	-178	2090818	MS	09-Sep-22	8015B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	176		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 (PI.	D)		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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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
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	2090911	AC	09-Sep-22	4500-Cl-B	
Volatile Organic Compound	s 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 (P.	ID)		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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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
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	2090911	AC	09-Sep-22	4500-Cl-B	
Volatile Organic Compound	s 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 (P.	ID)		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			80.7 %	45.3	-161	2090818	MS	09-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			91.7 %	46.3	-178	2090818	MS	09-Sep-22	8015B	

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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 - 18 H224112-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	128		16.0	mg/kg	4	2090911	AC	09-Sep-22	4500-Cl-B	
Volatile Organic Compounds b	y 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 G	C 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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Celeg D. Keene



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
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	32.0		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 (Pli	D)		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			79.5 %	45.3	-161	2090818	MS	09-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			87.9 %	46.3	-178	2090818	MS	09-Sep-22	8015B	

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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 - 20 H224112-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	tories					
Inorganic Compounds										
Chloride	112		16.0	mg/kg	4	2090911	AC	09-Sep-22	4500-Cl-B	
Volatile Organic Compound	s 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 (P.	ID)		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			78.6 %	45.3	-161	2090818	MS	09-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			91.4 %	46.3	-178	2090818	MS	09-Sep-22	8015B	

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Celey D. Keene



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
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	2090911	AC	09-Sep-22	4500-Cl-B	
Volatile Organic Compound	s 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 (P.	ID)		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. Keine



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
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	96.0		16.0	mg/kg	4	2090911	AC	09-Sep-22	4500-Cl-B	
Volatile Organic Compounds	s 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	JН	09-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		112 %	69.9	-140	2090829	ЈН	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	
Surrogate: 1-Chlorooctadecane			93.6 %	46.3	-178	2090818	MS	09-Sep-22	8015B	

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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
			Cardin	al Laborat	tories					
Inorganic Compounds										
Chloride	144		16.0	mg/kg	4	2090911	AC	09-Sep-22	4500-Cl-B	
Volatile Organic Compound	s 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 (P	ID)		104 %	69.9	-140	2090829	ЈН	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			82.9 %	45.3	-161	2090818	MS	09-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			93.3 %	46.3	-178	2090818	MS	09-Sep-22	8015B	

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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
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	16.0		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	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	JН	09-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			102 %	69.9-	140	2090829	JH	09-Sep-22	8021B	
Petroleum Hydrocarbons by GO	C 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	
Surrogate: 1-Chlorooctadecane			85.8 %	46.3-	178	2090818	MS	09-Sep-22	8015B	

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



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
			Cardina	ıl Labora	tories					
Inorganic Compounds										
Chloride	256		16.0	mg/kg	4	2090911	AC	09-Sep-22	4500-Cl-B	
Volatile Organic Compound	s 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 (P	PID)		104 %	69.9	-140	2090829	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			89.3 %	46.3	-178	2090818	MS	09-Sep-22	8015B	

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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 - 26 H224112-21 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	128		16.0	mg/kg	4	2090912	AC	09-Sep-22	4500-Cl-B	
Volatile Organic Compounds	s 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 (Pl	(D)		105 %	69.9	-140	2090829	ЈН	09-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			64.7 %	45.3	-161	2090819	CK	09-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			64.8 %	46.3	-178	2090819	CK	09-Sep-22	8015B	

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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
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	2090912	AC	09-Sep-22	4500-Cl-B	
Volatile Organic Compounds	s 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 (Pl	(D)		104 %	69.9	-140	2090829	ЈН	09-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			78.6 %	45.3	-161	2090819	CK	09-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			79.5 %	46.3	-178	2090819	CK	09-Sep-22	8015B	

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Celey D. Keene



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
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	96.0		16.0	mg/kg	4	2090912	AC	09-Sep-22	4500-Cl-B	
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	
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	
Surrogate: 1-Chlorooctadecane			86.4 %	46.3	-178	2090819	CK	09-Sep-22	8015B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	2090912	AC	09-Sep-22	4500-Cl-B	
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	
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	
Surrogate: 1-Chlorooctadecane			83.9 %	46.3	-178	2090819	CK	09-Sep-22	8015B	

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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
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	144		16.0	mg/kg	4	2090912	AC	09-Sep-22	4500-Cl-B	
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	
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	
Surrogate: 1-Chlorooctadecane			82.0 %	46.3	-178	2090819	CK	09-Sep-22	8015B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	80.0		16.0	mg/kg	4	2090912	AC	09-Sep-22	4500-Cl-B	
Volatile Organic Compound	s 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	JН	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	ЈН	10-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090829	JH	10-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (Pi	TD)		105 %	69.9	-140	2090829	ЈН	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			79.2 %	45.3	-161	2090819	CK	09-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			79.9 %	46.3	-178	2090819	CK	09-Sep-22	8015B	

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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
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	240		16.0	mg/kg	4	2090912	AC	09-Sep-22	4500-Cl-B	
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	0-140	2090829	ЈН	10-Sep-22	8021B	
Petroleum Hydrocarbons by C	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	
Surrogate: 1-Chlorooctadecane			80.6 %	46.3	2-178	2090819	CK	09-Sep-22	8015B	

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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
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	80.0		16.0	mg/kg	4	2090912	AC	09-Sep-22	4500-Cl-B	
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	JН	10-Sep-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2090829	JH	10-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (PI	D)		112 %	69.9	-140	2090829	ЈН	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*	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	
Surrogate: 1-Chlorooctadecane			74.9 %	46.3	-178	2090819	CK	09-Sep-22	8015B	

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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 - 35 H224112-29 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	tories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	2090912	AC	09-Sep-22	4500-Cl-B	
Volatile Organic Compound	s 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 (P	ID)		105 %	69.9	-140	2090829	ЈН	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			71.6 %	45.3	-161	2090819	CK	09-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			70.6 %	46.3	-178	2090819	CK	09-Sep-22	8015B	

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



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
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	112		16.0	mg/kg	4	2090912	AC	09-Sep-22	4500-Cl-B	
Volatile Organic Compound	s 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 (Pi	(D)		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			73.3 %	45.3	-161	2090819	CK	09-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			74.0 %	46.3	-178	2090819	CK	09-Sep-22	8015B	

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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
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	2090912	AC	09-Sep-22	4500-Cl-B	
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	JН	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	ЈН	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			72.4 %	45.3	-161	2090819	CK	09-Sep-22	8015B	
Surrogate: 1-Chlorooctadecane			72.6 %	46.3	-178	2090819	CK	09-Sep-22	8015B	

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Reported:

17-Nov-22 10:15



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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:

CS - 41 H224112-32 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	2090912	AC	09-Sep-22	4500-Cl-B	
Volatile Organic Compounds by	v 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	
Petroleum Hydrocarbons by Go	C 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	
Surrogate: 1-Chlorooctadecane			79.3 %	46.3	-178	2090819	CK	09-Sep-22	8015B	

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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
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	2090912	AC	09-Sep-22	4500-Cl-B	
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 (PIL))		106 %	69.9	-140	2090829	ЈН	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*	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	
Surrogate: 1-Chlorooctadecane			72.0 %	46.3	-178	2090819	CK	09-Sep-22	8015B	

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Celey D. Keene



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
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	2090912	AC	09-Sep-22	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2090829	ЈН	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	JН	10-Sep-22	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	TD)		105 %	69.9	-140	2090829	ЈН	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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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	%REC Limits	RPD	RPD Limit	Notes
Batch 2090911 - 1:4 DI Water										
Blank (2090911-BLK1)				Prepared &	Analyzed:	09-Sep-22				
Chloride	ND	16.0	mg/kg							
LCS (2090911-BS1)				Prepared &	Analyzed:	09-Sep-22				
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (2090911-BSD1)				Prepared &	Analyzed:	09-Sep-22				
Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	
Batch 2090912 - 1:4 DI Water										
Blank (2090912-BLK1)				Prepared &	Analyzed:	09-Sep-22				
Chloride	ND	16.0	mg/kg							
LCS (2090912-BS1)				Prepared &	Analyzed:	09-Sep-22				
Chloride	400	16.0	mg/kg	400		100	80-120			
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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%REC

Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: SMOKEY BITS CTB

Project Number: 225842

Spike

Source

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 17-Nov-22 10:15

RPD

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2090828 - Volatiles										
Blank (2090828-BLK1)				Prepared: ()8-Sep-22 A	nalyzed: 0	9-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: ()8-Sep-22 A	nalyzed: 0	9-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: ()8-Sep-22 A	nalyzed: 0	9-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: ()8-Sep-22 A	nalyzed: 0	9-Sep-22			
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							

Cardinal Laboratories

Ethylbenzene

Total Xylenes

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mg/kg

mg/kg

ND

ND

0.050

0.150

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



%REC

Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: SMOKEY BITS CTB

Spike

Source

Project Number: 225842

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 17-Nov-22 10:15

RPD

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2090829 - Volatiles										
Blank (2090829-BLK1)				Prepared: 0	08-Sep-22 A	Analyzed: 0	9-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: ()8-Sep-22 A	Analyzed: 0	9-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-BSD1)				Prepared: ()8-Sep-22 A	analyzed: 0	9-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	
n,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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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

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2090818 - General Prep - Organics										
Blank (2090818-BLK1)				Prepared: ()8-Sep-22 A	nalyzed: 0	9-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: ()8-Sep-22 A	nalyzed: 0	9-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-BSD1)				Prepared: (08-Sep-22 A	nalyzed: 0	9-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: ()8-Sep-22 A	nalyzed: 0	9-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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%REC

Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: SMOKEY BITS CTB

Project Number: 225842

Project Manager: ETHAN SESSUMS

Spike

Source

Fax To:

Reported: 17-Nov-22 10:15

RPD

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2090819 - General Prep - Organics										
LCS (2090819-BS1)				Prepared: ()8-Sep-22 A	nalyzed: 0	9-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-BSD1)				Prepared: ()8-Sep-22 A	nalyzed: 0	9-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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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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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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rms and conditions beyond the control ily negotiated.	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 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 the control 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 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 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 services.	is affiliates and ed by the client analyzed. Thes	to Xenco, it	t company ses or exper	se order from clien sibility for any loss	Ites a valid purcha	mples constitu	nquishment of sa	is document and reli	Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractor 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 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 of the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses or expenses incurred by the client if such losses or expenses incurred by the client if such losses or expenses incurred by the client if such losses or expenses incurred by the client if such losses or expenses incurred by the client if such losses or expenses incurred by the client if such losses or expenses incurred by the client if such losses or expenses incurred by the client if such losses or expenses incurred by the client if such losses or expenses incurred by the client if such losses or expenses incurred by the client if such losses or expenses incurred by the client if such losses or expenses incurred by the client if such losses or expenses incurred by the client if such losses or expenses incurred by the client is such losses or expenses incurred by the client is such losses or expenses incurred by the client is such losses or expenses incurred by the client is such losses or expenses incurred by the client is such losses or expenses incurred by the client is such losses or expenses incurred by the client is such losses or expenses incurred by the client is such losses or expenses incurred by the client is such losses or expenses incurred by the client is such losses or expenses incurred by the client is such losses or expenses incurred by the client is such losses or expenses incurred by the client is such losses or expenses incurred by the client is such losses or expenses incurred
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			9					ts:	Additional Comments:	
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		+	×	1p 1	Comp	×		9/6/2022	CS-14 (5)	
		+	×	1p 1	Comp	×		9/6/2022	3 (5)	CS-13
		\vdash	×	1p 1	Comp	×		9/6/2022	2 (7)	CS-12
		×	×	1p 1	Comp	×		9/6/2022	1 (7)	
		\vdash	×	1p 1	Comp	×	7	9/6/2022	0 (7)	CS-10
		×	×	1p 1	Comp	×		9/6/2022	CS-9 (5) 11/	CS-
		×	×	ір 1	Comp	×		9/6/2022	8 (5) 8 : 12	CS-8 (5)
		×	×	p 1	Comp	×		9/6/2022	7 (5)	CS-7 (5)
		-	×	p 1	Comp	×		9/6/2022	8 (7)	CS-6 (†)
Sample Comments				p Cont	Water Comp	Soil	Time	Date	ntification	Sample Identification
		PH 80			28.1	Corrected Temperature:	Corrected	74		Total Containers:
NaOH+Ascorbic Acid: SAPC		_			いない	Temperature Reading:	Temperati	No N/A	Yes	Sample Custody Seals:
			вте	F	20100	Factor:	Correction Factor:	No N/A	Yes	Cooler Custody Seals:
HOL Na ₂ S ₂ O ₃ : NaSO ₃		_	X 80	Para	13	ter ID:	Thermometer ID:	No No	(Yes)	Received Intact:
Nahso: Nabis		+ DR 4500	21B	met	Yes No	Wet Ice:	Yes No	Temp Blank:		SAMPLE RECEIPT
H ₂ SO ₄ : H ₂ NaOH: Na		O + M			lab, if received by 4:30pm	lab, if receiv		Jordan i ynci		PO #:
HCL: HC HNO3: HN		RO			av received by the	TAT starts the d		Edon Tymor		Floject Location
<u> </u>)				Due Date:		Eddy Co		Project Location
				Code	Rush	✓ Routine		225842		Project Number:
Freservan	ANALYSIS REQUEST)	Turn Around	Turn.		Smokey Bits CTB	Smo	Project Name:
			3	global.cc	Email: esessums@ntglobal.com	Email:			254-266-5456	Phone:
		Carisbad, NIVI 66220	Carisba		City, State ZIP:			88220	Carlsbad, NM 88220	City, State ZIP:
Reporting:Level II			1 100		Address.			Ve	402 E Wood Ave	Address:
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402 E Wood Ave

402 E Wood Ave.

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CS-31 (4 45 (4)	9/6/2022		×		Comp	_	×	×						
CS-33 ((3)	9/6/2022		×		Comp	1	×	×						
CS-34 (5		9/6/2022		×		Comp	1	×	×						
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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

MRAMER

Authorized for release by: 9/30/2022 11:38:10 AM

Jessica Kramer, Project Manager (432)704-5440

Jessica.Kramer@et.eurofinsus.com

9/30/2022 11:38:10 AM

Ask The Expert

EOL

Have a Question?

------ LINKS ------

Review your project results through

Visit us at:

www.eurofinsus.com/Env
Released to Imaging: 1/24/2023 8:25:16 AM

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.

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Client: NT Global Laboratory Job ID: 890-3006-1 Project/Site: SMOKEY BITS CTB SDG: 225842

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Definitions/Glossary

Client: NT Global Job ID: 890-3006-1

Project/Site: SMOKEY BITS CTB SDG: 225842

Qualifiers

GC VOA Qualifier

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

GC Semi VOA

Qualifier **Qualifier Description** *1 LCS/LCSD RPD exceeds control limits.

Qualifier Description

U Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier **Qualifier Description**

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)

Estimated Detection Limit (Dioxin) **EDL** LOD Limit of Detection (DoD/DOE) LOQ Limit of Quantitation (DoD/DOE)

EPA recommended "Maximum Contaminant Level" MCL Minimum Detectable Activity (Radiochemistry) MDA MDC Minimum Detectable Concentration (Radiochemistry)

MDL Method Detection Limit MI Minimum Level (Dioxin) MPN Most Probable Number Method Quantitation Limit

NC Not Calculated

MQL

ND Not Detected at the reporting limit (or MDL or EDL if shown)

NEG Negative / Absent POS Positive / Present

Practical Quantitation Limit **PQL PRES** Presumptive

Quality Control QC

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.

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Client: NT Global Job ID: 890-3006-1 Project/Site: SMOKEY BITS CTB 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

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	K Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
- Method: 8015 NM - Diesel Range	organics (DR	O) (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 Rang	ge Organics (D	RO) (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
OII 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
1-Chioroociane							09/21/22 08:32	09/23/22 01:13	
o-Terphenyl	101		70 - 130				03/21/22 00:02	09/23/22 01.13	1
		Soluble	70 - 130				03/21/22 00:02	09/23/22 01.13	1
o-Terphenyl	omatography -	Soluble Qualifier	70 - 130	MDL	Unit	D	Prepared	Analyzed	1 Dil Fac

Client Sample ID: SW-11 Lab Sample ID: 890-3006-2 **Matrix: Solid**

Date Collected: 09/16/22 00:00 Date Received: 09/19/22 16:08

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

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

Matrix: Solid

Date Collected: 09/16/22 00:00 Date Received: 09/19/22 16:08

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

Method: 8015 NM - Diesel Range (Organics (DRC	O) (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 Rang	e Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U *1	49.9		mg/Kg		09/21/22 08:32	09/23/22 01:35	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		09/21/22 08:32	09/23/22 01:35	1
C10-C28)									
OII 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 Chrom	atography - 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

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

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)			70 - 130				09/30/22 07:58	09/30/22 11:46	1
1,4-Difluorobenzene (Surr) Method: Total BTEX - Total BTI			70 - 130				09/30/22 07:58	09/30/22 11:46	•
Method: Total BTEX - Total BTI Analyte	EX Calculation Result	Qualifier	RL	MDL	Unit	<u>D</u>	09/30/22 07:58 Prepared	Analyzed	Dil Fac
Method: Total BTEX - Total BTI Analyte Total BTEX	EX Calculation Result <0.00398	U		MDL	Unit mg/Kg	<u>D</u>			
Method: Total BTEX - Total BTI Analyte Total BTEX Method: 8015 NM - Diesel Rang	EX Calculation Result <0.00398 ge Organics (DR	U (GC)	RL0.00398		mg/Kg		Prepared	Analyzed 09/28/22 12:51	Dil Fac
Method: Total BTEX - Total BTI Analyte Total BTEX Method: 8015 NM - Diesel Rang Analyte	EX Calculation Result <0.00398 ge Organics (DRO Result	U O) (GC) Qualifier			mg/Kg	<u>D</u>		Analyzed 09/28/22 12:51 Analyzed	Dil Fac
Method: Total BTEX - Total BTI Analyte Total BTEX Method: 8015 NM - Diesel Rang	EX Calculation Result <0.00398 ge Organics (DR	U O) (GC) Qualifier	RL0.00398		mg/Kg		Prepared	Analyzed 09/28/22 12:51	Dil Fac
Method: Total BTEX - Total BTI Analyte Total BTEX Method: 8015 NM - Diesel Rang Analyte Total TPH	EX Calculation Result <0.00398 ge Organics (DRO Result <50.0	U O) (GC) Qualifier U			mg/Kg		Prepared	Analyzed 09/28/22 12:51 Analyzed	Dil Fac
Method: Total BTEX - Total BTI Analyte Total BTEX Method: 8015 NM - Diesel Rang Analyte Total TPH Method: 8015B NM - Diesel Rang	EX Calculation Result <0.00398 ge Organics (DR) Result <50.0 nge Organics (D	U O) (GC) Qualifier U		MDL	mg/Kg		Prepared	Analyzed 09/28/22 12:51 Analyzed	Dil Fac
Method: Total BTEX - Total BTI Analyte Total BTEX Method: 8015 NM - Diesel Rang Analyte	EX Calculation Result <0.00398 ge Organics (DR) Result <50.0 nge Organics (D	O) (GC) Qualifier U RO) (GC) Qualifier	RL 0.00398 RL 50.0	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 09/28/22 12:51 Analyzed 09/23/22 16:01	Dil Fac

Client Sample Results

Client: NT Global Job ID: 890-3006-1

Project/Site: SMOKEY BITS CTB 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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll 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-Terphenvl	101		70 - 130				09/21/22 08:32	09/23/22 01:56	1

Method: 300.0 - Anions, Ion Chrom	natography -	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 Job ID: 890-3006-1 Project/Site: SMOKEY BITS CTB

SDG: 225842

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-19347-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-Bromofluoroben	zene (Surr)			

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

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-19424-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				

Eurofins Carlsbad

OTPH = o-Terphenyl

Client: NT Global Job ID: 890-3006-1 Project/Site: SMOKEY BITS CTB

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

	MB	MB							
Analyte	Result	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
Xvlenes Total	<0.00400	11	0.00400		ma/Ka		09/22/22 16:31	09/27/22 12:34	1

MB MB

MD MD

Surrogate	%Recovery	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

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 35209

Analysis Batch: 35466

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

MB MB

Analyte	Result	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

мв мв

Surrogate	%Recovery	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

Matrix: Solid

Analysis Batch: 35466

Client Sample ID: Lab Control Sample

Prep Type: Total/NA Prep Batch: 35209

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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	

LCS LCS

Surrogate	%Recovery	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

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

LCCD LCCD

Cnika

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

QC Sample Results

Client: NT Global Job ID: 890-3006-1 Project/Site: SMOKEY BITS CTB SDG: 225842

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

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 35209

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	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

LCSD LCSD

Surrogate	%Recovery	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 Client Sample ID: Matrix Spike

Matrix: Solid

Matrix: Solid

Analysis Batch: 35466

Analysis Batch: 35466

Prep Type: Total/NA

Prep Batch: 35209

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
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	

MS MS

Surrogate	%Recovery	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

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	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

MSD MSD

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

Client: NT Global

Job ID: 890-3006-1

SDG: 225842

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

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

Project/Site: SMOKEY BITS CTB

Matrix: Solid

Analysis Batch: 35744

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 35745

	MB	MB	
_		_	

Analyte	Result	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

MB MB

Surrogate	%Recovery	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

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 35745

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

Matrix: Solid

Analysis Batch: 35744

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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	

LCS LCS

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

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Analysis Batch: 35744

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

Prep Type: Total/NA Prep Batch: 35745

	Spike	LCSD	LCSD				%Rec		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	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	

LCSD LCSD

<0.00200 U

Surrogate	%Recovery	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

Toluene

Analysis Batch: 35744

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

70 - 130

83

Prep Batch: 35745

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

0.0998

Eurofins Carlsbad

0.08271

mg/Kg

Prep Batch: 35745

Prep Type: Total/NA

Prep Type: Total/NA

Prep Batch: 35018

QC Sample Results

Client: NT Global Job ID: 890-3006-1 Project/Site: SMOKEY BITS CTB SDG: 225842

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

Lab Sample ID: 880-19347-A-7-F MS Client Sample ID: Matrix Spike Prep Type: Total/NA

Matrix: Solid Analysis Batch: 35744

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%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	

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

Lab Sample ID: 880-19347-A-7-G MSD Client Sample ID: Matrix Spike Duplicate

Matrix: Solid Analysis Batch: 35744

Analysis Batch: 35744									Prep	Batch:	35745
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	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

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

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

Lab Sample ID: MB 880-35018/1-A Client Sample ID: Method Blank

Matrix: Solid

Analysis Batch: 35120

	MB	MB							
Analyte	Result	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
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/21/22 08:32	09/22/22 19:31	1

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

Lab Sample ID: LCS 880-35018/2-A **Client Sample ID: Lab Control Sample Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 35120

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

C10-C28)

Eurofins Carlsbad

Prep Batch: 35018

Client: NT Global Job ID: 890-3006-1 Project/Site: SMOKEY BITS CTB SDG: 225842

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

LCS LCS

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

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

Lab Sample ID: LCSD 880-35018/3-A Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Analysis Batch: 35120

Diesel Range Organics (Over

70 - 130

89

Prep Type: Total/NA Prep Batch: 35018

18

Spike LCSD LCSD %Rec RPD Analyte Added Result Qualifier Unit D %Rec Limits RPD Limit 1000 821.3 *1 82 70 - 13026 20 Gasoline Range Organics mg/Kg (GRO)-C6-C10

889.0

mg/Kg

1000

C10-C28)

LCSD LCSD

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

Lab Sample ID: 880-19424-A-53-C MS Client Sample ID: Matrix Spike

Matrix: Solid

Analysis Batch: 35120

Prep Type: Total/NA

Prep Batch: 35018

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

C10-C28)

MS MS

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

Lab Sample ID: 880-19424-A-53-D MSD Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Analysis Batch: 35120

Prep Type: Total/NA

Prep Batch: 35018

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

C10-C28)

MSD MSD

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

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20

9/30/2022

Client: NT Global Job ID: 890-3006-1 Project/Site: SMOKEY BITS CTB

Prep Type: Soluble

Prep Type: Soluble

Prep Type: Soluble

Client Sample ID: SW-11

Client Sample ID: SW-11

Prep Type: Soluble

Prep Type: Soluble

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample Dup

SDG: 225842

Method: 300.0 - Anions, Ion Chromatography

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

Matrix: Solid

Analysis Batch: 35156

мв мв

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

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

Matrix: Solid

Analysis Batch: 35156

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

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

Matrix: Solid

Analysis Batch: 35156

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

Lab Sample ID: 890-3006-2 MS

Matrix: Solid

Analysis Batch: 35156

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

Lab Sample ID: 890-3006-2 MSD

Matrix: Solid

Analysis Batch: 35156

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

QC Association Summary

Client: NT Global Job ID: 890-3006-1 Project/Site: SMOKEY BITS CTB SDG: 225842

GC VOA

Pro	n R	atch	. 35	204
110	ט ע	atti		207

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	

QC Association Summary

Client: NT Global Job ID: 890-3006-1 Project/Site: SMOKEY BITS CTB

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

Client: NT Global

Project/Site: SMOKEY BITS CTB

Job ID: 890-3006-1

SDG: 225842

Lab Sample ID: 890-3006-1

Lab Sample ID: 890-3006-2

Lab Sample ID: 890-3006-3

Matrix: Solid

Matrix: Solid

Matrix: Solid

Client Sample ID: SW-10

Date Collected: 09/16/22 00:00 Date Received: 09/19/22 16:08

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

Date Collected: 09/16/22 00:00

Date Received: 09/19/22 16:08

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 MIC
Soluble	Leach	DI Leach			4.99 g	50 mL	34935	09/21/22 10:00	KS	EET MIC
Soluble	Analysis	300.0		1	50 mL	50 mL	35156	09/22/22 19:03	CH	EET MID

Client Sample ID: CS-6

Date Collected: 09/16/22 00:00

Date Received: 09/19/22 16:08

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

Accreditation/Certification Summary

Client: NT Global Job ID: 890-3006-1 Project/Site: SMOKEY BITS CTB

SDG: 225842

Laboratory: Eurofins Midland

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

Authority	Pr	rogram	Identification Number	Expiration Date			
Texas	NI	ELAP	T104704400-22-24	06-30-23			
The following analytes the agency does not of		ut the laboratory is not certif	ied by the governing authority. This list ma	ay include analytes fo			
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
3015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
00.0	Anions, Ion Chromatography	MCAWW	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
015NM Prep	Microextraction	SW846	EET MID
I 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

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CS-6

890-3006-3

Sample Summary

Solid

Client: NT Global Job ID: 890-3006-1
Project/Site: SMOKEY BITS CTB SDG: 225842

09/16/22 00:00

09/19/22 16:08

 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

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3

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11

12

14

Men	Relinquished by: (Signature)	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.	Addition.				CS-6	SW-11	SW-10	Sample Identification	Total Containers:	Sample Custody Seals:	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO#:	Sampler's Name:	Project Location	Project Number:	Project Name:	Phone: 25	City, State ZIP: C			Project Manager: E
A.V	Signature)	cument and relinquible only for the cost	Additional Comments:							cation		Yes	Yes N				Jord	Edd	2	Smoke	254-266-5456	Carlsbad, NM 88220	402 E Wood Ave	NTG Environmental	Ethan Sessums
ANY		ishment of sample t of samples and applied to each p					9/16/2022	9/16/2022	9/16/2022	Date		No NA	No (N/A)		Temp Blank:		Jordan Tyner	Eddy Co. NM	225842	Smokey Bits CTB		8220	e	ntal	
W	Received	les constitutes shall not assu roject and a ci								Time	Corrected T	Temperature Reading:	Correction Factor:	Thermometer ID:	Year No										
C	Received by: (Signature)	s a valid purchas ime any respons harge of \$5 for e					×	×	×	Soil	Corrected Temperature:	e Reading:	actor:	7	Wet Ice:	lab, if recei	TAT starts the	Due Date:	Routine	Turn	Email:				
	re)	e order from clie libility for any los ach sample subn		1			Comp	Comp	Comp	Water Comp	1-6	7.8	300	FOO MIN	(Yes No	lab, if received by 4:30pm	day received by	5 Days	Rush	Turn Around		City, State ZIP	Address:	Company Name	Bill to: (if different)
9:0		nt company to ses or expens nitted to Xence		-			mp 1	mp 1	mp 1	ab/ # of mp Cont			L.		nete	-	the	L.	Code			.Ÿ		ne:	nt)
1.22	Date/Time	Xenco, its ses incurred o, but not a	Stri				×	×	×			В	TEX	802	1B		_							Colgate	-
0 91	me	affillates d by the cl nalyzed. T	ct dead	-	-	 -	×	-	×	ТР	H 80		_	-	-) + N	IRO)						(D)	
- -	Re	and subcont lent if such I hese terms	Strict deadline, notify if unable to met listed turn around				×	×	×				iiori	de 4	300										
	Relinquished	tractors. It a osses are d will be enfo	y if unabl			-	-				_	890-					_			ANA					
	d by: (Si	essigns star ue to circur rced unless	e to met								_	890-3006 Chain of Custody					_	_		ALYSIS					
	by: (Signature)	ndard tern mstances t s previous!	t listed to		-	-	-		_		_	ain of Cu					_	_	ļ -	LYSIS REQUEST	8	- R	Sta	P	
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	Receive	ditions control d.	nd.								_						_				SEDO	Reporting:Level II Level III	oject:	Program: UST/PST ☐PRP ☐Brownfields ☐RRC	
	Received by: (Signature)				-	-	-		-		_	1					_		-					무	Work C
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	e)									San	VaOH+A:	₹n Acetat	Na ₂ S ₂ O ₃ : NaSO ₃	NaHSO ₄ : NABIS	H ₃ PO ₄ : HP	H ₂ S0 ₄ : H ₂	HCL: HC	Cool: Cool	None: NO	Pres		Г		fields [Work Order Comments
	Dat									Sample Comments	NaOH+Ascorbic Acid: SAPC	Zn Acetate+NaOH: Zn	NaSO ₃	NABIS	ט		I			Preservative Codes	Other:				S
	Date/Time									nments	d: SAPC	Zn				NaOH: Na	HNO3: HN	MeOH: Me	DI Water: H ₂ O	Codes		Level IV		uperfund	
					-			1	<u> </u>							4	+		°O						

Work Order No:

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-3006-1 SDG Number: 225842

Login Number: 3006 List Source: Eurofins Carlsbad

List Number: 1 Creator: Clifton, Cloe

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 Source: Eurofins Midland** List Number: 2

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

Creator: Rodriguez, Leticia

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

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

<6mm (1/4").

Environment Testing

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

Eurofins Carlsbad 1089 N Canal St. Carlsbad NM88220



Client: NT Global
Project/Site: Smokey Bits
Laboratory Job ID: 890-2758-1
SDG: Lea County

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Qualifier Description

Qualifier Description

Definitions/Glossary

Client: NT Global Job ID: 890-2758-1 Project/Site: Smokey Bits SDG: Lea County

Qualifiers

GC	VOA
Qual	ifier

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

GC Semi VOA

Qualifier

*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

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)

Dilution Factor Dil Fac

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

These commonly used abbreviations may or may not be present in this report.

DLC Decision Level Concentration (Radiochemistry)

EDL Estimated Detection Limit (Dioxin) Limit of Detection (DoD/DOE) LOD 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)

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

Definitions/Glossary

Client: NT Global Job ID: 890-2758-1
Project/Site: Smokey Bits 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

Job ID: 890-2758-1 Project/Site: Smokey Bits 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

Eurofins Carlsbad 11/16/2022 (Rev. 1)

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.

Client: NT Global

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

Project/Site: Smokey Bits

SDG: Lea County

Client Sample ID: 890-2758-1

Date Collected: 08/16/22 08:00 Matrix: Solid
Date Received: 08/16/22 08:29

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	
Toluene	< 0.00201	U F1 F2	0.00201		mg/Kg		08/23/22 15:02	08/28/22 01:45	•
Ethylbenzene	< 0.00201	U F1 F2	0.00201		mg/Kg		08/23/22 15:02	08/28/22 01:45	•
m-Xylene & p-Xylene	<0.00402	U F1 F2	0.00402		mg/Kg		08/23/22 15:02	08/28/22 01:45	
o-Xylene	< 0.00201	U F1	0.00201		mg/Kg		08/23/22 15:02	08/28/22 01:45	•
Xylenes, Total	<0.00402	U F1 F2	0.00402		mg/Kg		08/23/22 15:02	08/28/22 01:45	,
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	96		70 - 130				08/23/22 15:02	08/28/22 01:45	
1,4-Difluorobenzene (Surr)	102		70 - 130				08/23/22 15:02	08/28/22 01:45	•
Method: TAL SOP Total BTEX	- Total BTE	X Calculat	ion						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
: Method: SW846 8015 NM - Di	eel Pange	Organics (DBO) (GC)		mg/Kg				
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/18/22 09:47	
Method: SW846 8015B NM - D									
	Diesel Range	Organics	(DRO) (GC)						
Analyte	_	Organics Qualifier	(DRO) (GC)	MDL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	_	Qualifier		MDL	Unit mg/Kg	<u>D</u>	Prepared 08/17/22 14:23		
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result	Qualifier U	RL	MDL		<u>D</u>	08/17/22 14:23	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result <49.9	Qualifier U	RL 49.9	MDL	mg/Kg	<u>D</u>	08/17/22 14:23	Analyzed 08/17/22 21:41 08/17/22 21:41	Dil Fac
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result <49.9	Qualifier U U U Qualifier	49.9 49.9	MDL	mg/Kg	<u>D</u>	08/17/22 14:23 08/17/22 14:23	Analyzed 08/17/22 21:41 08/17/22 21:41	Dil Fac
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate	Result <49.9 <49.9 <49.9 <49.9	Qualifier U U U Qualifier S1+	49.9 49.9 49.9	MDL	mg/Kg	<u>D</u>	08/17/22 14:23 08/17/22 14:23 08/17/22 14:23	Analyzed 08/17/22 21:41 08/17/22 21:41 08/17/22 21:41	Dil Fac
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result <49.9 <49.9 <49.9 <49.9	Qualifier U U U Qualifier	49.9 49.9 49.9 <i>Limits</i>	MDL	mg/Kg	<u> </u>	08/17/22 14:23 08/17/22 14:23 08/17/22 14:23 Prepared 08/17/22 14:23	Analyzed 08/17/22 21:41 08/17/22 21:41 08/17/22 21:41 Analyzed	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl Method: MCAWW 300.0 - Anic	Result	Qualifier U U Qualifier S1+ S1+ omatogra	RL 49.9 49.9 49.9 Limits 70 - 130 70 - 130	MDL	mg/Kg	<u> </u>	08/17/22 14:23 08/17/22 14:23 08/17/22 14:23 Prepared 08/17/22 14:23	Analyzed 08/17/22 21:41 08/17/22 21:41 08/17/22 21:41 Analyzed 08/17/22 21:41	Dil Fac
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	Result	Qualifier U U U Qualifier S1+ S1+	RL 49.9 49.9 49.9 Limits 70 - 130 70 - 130		mg/Kg	<u>D</u>	08/17/22 14:23 08/17/22 14:23 08/17/22 14:23 Prepared 08/17/22 14:23	Analyzed 08/17/22 21:41 08/17/22 21:41 08/17/22 21:41 Analyzed 08/17/22 21:41	Dil Fac

Client Sample ID: SW-2

Date Collected: 08/16/22 08:00

Lab Sample ID: 890-2758-2

Matrix: Solid

Date Received: 08/16/22 08:29

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

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Client: NT Global Job ID: 890-2758-1
Project/Site: Smokey Bits 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

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 - Die	esel 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
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		08/17/22 14:23	08/18/22 07:43	
Method: SW846 8015B NM - D Analyte	_	Organics Qualifier	(DRO) (GC) RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
(GRO)-C6-C10 Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		08/17/22 14:23	08/18/22 07:43	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/17/22 14:23	08/18/22 07:43	•
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	123		70 - 130				08/17/22 14:23	08/18/22 07:43	

	WELLIOU. WCAVVVV 300.0 - ALLIOI	is, ion Cinomatograph	iy - Soluble					
	Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
L	Chloride	23.6	4.98	mg/Kg			08/26/22 05:11	1

Client Sample ID: SW-3

Date Collected: 08/16/22 08:00

Lab Sample ID: 890-2758-3

Matrix: Solid

Date Received: 08/16/22 08:29

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 BT	EX - Total BTE		ion			_			
Method: TAL SOP Total BT Analyte	EX - Total BTE Result	Qualifier	ion RL	MDL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
Method: TAL SOP Total BT Analyte Total BTEX	EX - Total BTE Result < 0.00399	Qualifier U	ion RL 0.00399	MDL	Unit mg/Kg	<u>D</u>			Dil Fac
Method: TAL SOP Total BT Analyte Total BTEX Method: SW846 8015 NM -	EX - Total BTE Result <0.00399 Diesel Range 0	Qualifier U Organics (RL 0.00399		mg/Kg	_ =	Prepared	Analyzed 08/29/22 13:26	1
Method: TAL SOP Total BT Analyte Total BTEX Method: SW846 8015 NM - Analyte	EX - Total BTE Result <0.00399 Diesel Range (Result	Qualifier U Organics (Qualifier	RL 0.00399 DRO) (GC) RL		mg/Kg Unit	<u>D</u>		Analyzed 08/29/22 13:26 Analyzed	Dil Fac
Method: TAL SOP Total BT Analyte Total BTEX Method: SW846 8015 NM - Analyte	EX - Total BTE Result <0.00399 Diesel Range 0	Qualifier U Organics (Qualifier	RL 0.00399		mg/Kg	_ =	Prepared	Analyzed 08/29/22 13:26	1
Method: TAL SOP Total BT Analyte	EX - Total BTE Result 0.00399 Diesel Range (Result <50.0	Qualifier U Organics (Qualifier U	RL 0.00399 DRO) (GC) RL 50.0		mg/Kg Unit	_ =	Prepared	Analyzed 08/29/22 13:26 Analyzed	1
Method: TAL SOP Total BT Analyte Total BTEX Method: SW846 8015 NM - Analyte Total TPH	EX - Total BTE Result 0.00399 Diesel Range (Result) <50.0 - Diesel Range	Qualifier U Organics (Qualifier U	RL 0.00399 DRO) (GC) RL 50.0	MDL	mg/Kg Unit	_ =	Prepared	Analyzed 08/29/22 13:26 Analyzed	1
Method: TAL SOP Total BT Analyte Total BTEX Method: SW846 8015 NM - Analyte Total TPH Method: SW846 8015B NM	EX - Total BTE Result 0.00399 Diesel Range (Result) <50.0 - Diesel Range	Qualifier U Organics (Qualifier U Organics Qualifier Qualifier	DRO) (GC) RL 50.0	MDL	mg/Kg Unit mg/Kg	<u></u> <u>D</u>	Prepared Prepared	Analyzed 08/29/22 13:26 Analyzed 08/18/22 09:47	Dil Fac

Eurofins Carlsbad

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Client: NT Global Job ID: 890-2758-1 Project/Site: Smokey Bits 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 - D	iesel Range	Organics	(DRO) (GC)	(Continued)				
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Oll 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 - Anio	ns, Ion Chr	omatograp	hy - 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

Lab Sample ID: 890-2758-4 **Client Sample ID: SW-4** Date Collected: 08/16/22 08:00 Matrix: Solid

Date Received: 08/16/22 08:29

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	
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/23/22 15:02	08/28/22 02:46	
o-Xylene	< 0.00199	U	0.00199		mg/Kg		08/23/22 15:02	08/28/22 02:46	
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/23/22 15:02	08/28/22 02:46	•
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	100		70 - 130				08/23/22 15:02	08/28/22 02:46	-
1.4-Difluorobenzene (Surr)	100		70 - 130				08/23/22 15:02	08/28/22 02:46	
Method: TAL SOP Total BTEX Analyte	Result	Qualifier	RL	MDL		<u>D</u>	Prepared	Analyzed	Dil Fa
Analyte Total BTEX	<0.00398	Qualifier U	RL 0.00398	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 08/29/22 13:26	Dil Fa
Analyte	Result <0.00398	Qualifier U	RL 0.00398	MDL MDL	mg/Kg	<u>D</u>	Prepared Prepared		Dil Fac
Analyte Total BTEX Method: SW846 8015 NM - Di	Result <0.00398	Qualifier U Organics (Qualifier	RL 0.00398 — DRO) (GC)		mg/Kg	_ =	· ·	08/29/22 13:26	
Analyte Total BTEX Method: SW846 8015 NM - Di Analyte Total TPH	Result <0.00398	Qualifier U Organics (Qualifier U	RL 0.00398 DRO) (GC) RL 49.8		mg/Kg Unit	_ =	· ·	08/29/22 13:26 Analyzed	
Analyte Total BTEX Method: SW846 8015 NM - Di Analyte	Result <0.00398 esel Range (Result <49.8 Diesel Range	Qualifier U Organics (Qualifier U	RL 0.00398 DRO) (GC) RL 49.8		mg/Kg Unit mg/Kg	_ =	· ·	08/29/22 13:26 Analyzed	
Analyte Total BTEX Method: SW846 8015 NM - Di Analyte Total TPH Method: SW846 8015B NM - E	Result <0.00398 esel Range (Result <49.8 Diesel Range	Qualifier U Organics (Qualifier U Organics Qualifier U	RL 0.00398 DRO) (GC) RL 49.8 (DRO) (GC)	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared	08/29/22 13:26 Analyzed 08/18/22 09:47	Dil Fa
Analyte Total BTEX Method: SW846 8015 NM - Di Analyte Total TPH Method: SW846 8015B NM - E Analyte Gasoline Range Organics	Result <0.00398 esel Range (Result <49.8 Diesel Range Result	Qualifier U Organics (I Qualifier U Organics Qualifier U	RL 0.00398 DRO) (GC) RL 49.8 (DRO) (GC) RL	MDL	mg/Kg Unit mg/Kg Unit	<u>D</u>	Prepared Prepared	08/29/22 13:26 Analyzed 08/18/22 09:47 Analyzed 08/17/22 23:29	Dil Fa

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

Method: MCAWW 300.0 - Anio	ns, Ion Chr	omatograp	hy - Solub	le					
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	426		4.99		mg/Kg			08/26/22 05:27	1

Client: NT Global

Job ID: 890-2758-1

Project/Site: Smokey Bits SDG: Lea County

Client Sample ID: SW-5

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Collected: 08/16/22 08:00 Matrix: Solid
Date Received: 08/16/22 08:29

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00201	U	0.00201		mg/Kg		08/23/22 15:02	08/28/22 03:06	-
Toluene	< 0.00201	U	0.00201		mg/Kg		08/23/22 15:02	08/28/22 03:06	
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/23/22 15:02	08/28/22 03:06	
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/23/22 15:02	08/28/22 03:06	
o-Xylene	< 0.00201	U	0.00201		mg/Kg		08/23/22 15:02	08/28/22 03:06	
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/23/22 15:02	08/28/22 03:06	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	98		70 - 130				08/23/22 15:02	08/28/22 03:06	
1,4-Difluorobenzene (Surr)	101		70 - 130				08/23/22 15:02	08/28/22 03:06	
Method: TAL SOP Total BTEX	(- Total BTE	X Calculat	ion						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/29/22 13:26	
Method: SW846 8015 NM - Di	esel Range (Organics (DRO) (GC)						
	_	Organics (Qualifier	DRO) (GC) RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Analyte	_	•	, , ,	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 08/18/22 09:47	
Analyte Total TPH	Result 94.8	Qualifier	RL 50.0	MDL		<u>D</u>	Prepared		
Analyte Total TPH Method: SW846 8015B NM - I	Result 94.8 Diesel Range	Qualifier	RL 50.0			<u>D</u> D	Prepared Prepared		
Analyte Total TPH Method: SW846 8015B NM - E Analyte Gasoline Range Organics	Result 94.8 Diesel Range	Qualifier Organics Qualifier	RL 50.0 (DRO) (GC)		mg/Kg			08/18/22 09:47	Dil Fa
Analyte Total TPH Method: SW846 8015B NM - E Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result 94.8 Diesel Range Result	Qualifier Organics Qualifier U	RL		mg/Kg		Prepared	08/18/22 09:47 Analyzed 08/18/22 13:56	Dil Fa
Analyte Total TPH Method: SW846 8015B NM - DANALYTE Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result 94.8 Diesel Range Result <50.0	Qualifier Organics Qualifier U *1	RL 50.0 (DRO) (GC) RL 50.0		mg/Kg Unit mg/Kg		Prepared 08/18/22 09:11	08/18/22 09:47 Analyzed 08/18/22 13:56 08/18/22 13:56	Dil Fa
Analyte Total TPH Method: SW846 8015B NM - E Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result 94.8 Diesel Range Result <50.0 94.8	Qualifier Organics Qualifier U *1	RL 50.0 (DRO) (GC) RL 50.0		mg/Kg Unit mg/Kg mg/Kg		Prepared 08/18/22 09:11 08/18/22 09:11	08/18/22 09:47 Analyzed 08/18/22 13:56 08/18/22 13:56	Dil Fa
Analyte Total TPH Method: SW846 8015B NM - E Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	Result 94.8 Diesel Range Result <50.0 94.8 <50.0	Qualifier Organics Qualifier U *1	RL 50.0 (DRO) (GC) RL 50.0 50.0		mg/Kg Unit mg/Kg mg/Kg		Prepared 08/18/22 09:11 08/18/22 09:11 08/18/22 09:11	08/18/22 09:47 Analyzed 08/18/22 13:56 08/18/22 13:56 08/18/22 13:56	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - E Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result 94.8	Qualifier Organics Qualifier U *1	RL 50.0 (DRO) (GC) RL 50.0 50.0 Limits		mg/Kg Unit mg/Kg mg/Kg		Prepared 08/18/22 09:11 08/18/22 09:11 08/18/22 09:11 Prepared	08/18/22 09:47 Analyzed 08/18/22 13:56 08/18/22 13:56 08/18/22 13:56 Analyzed	Dil Fa
Analyte Total TPH Method: SW846 8015B NM - E Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	Result 94.8	Qualifier Organics Qualifier U *1 U Qualifier	RL 50.0 (DRO) (GC) RL 50.0 50.0 50.0 Limits 70 - 130 70 - 130		mg/Kg Unit mg/Kg mg/Kg		Prepared 08/18/22 09:11 08/18/22 09:11 08/18/22 09:11 Prepared 08/18/22 09:11	08/18/22 09:47 Analyzed 08/18/22 13:56 08/18/22 13:56 Analyzed 08/18/22 13:56	Dil Fac
Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl Method: MCAWW 300.0 - Anic Analyte	Result 94.8	Qualifier Organics Qualifier U *1 U Qualifier	RL 50.0 (DRO) (GC) RL 50.0 50.0 50.0 Limits 70 - 130 70 - 130	MDL	mg/Kg Unit mg/Kg mg/Kg		Prepared 08/18/22 09:11 08/18/22 09:11 08/18/22 09:11 Prepared 08/18/22 09:11	08/18/22 09:47 Analyzed 08/18/22 13:56 08/18/22 13:56 Analyzed 08/18/22 13:56	Dil Fac

Client Sample ID: SW-6

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Received: 08/16/22 08:29

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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Job ID: 890-2758-1

SDG: Lea County

Client Sample ID: SW-6

Project/Site: Smokey Bits

Client: NT Global

Date Collected: 08/16/22 08:00 Date Received: 08/16/22 08:29

Lab Sample ID: 890-2758-6

Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Ca
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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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		08/17/22 14:23	08/17/22 23:51	1
(GRO)-C6-C10									
Diesel Range Organics (Over	71.0		50.0		mg/Kg		08/17/22 14:23	08/17/22 23:51	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/22 14:23	08/17/22 23:51	1
0	0/ 🗖	O I::::	1 : :4				D	A I I	_

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	r	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 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

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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 U	Jnit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	n	ng/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: 5W846 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

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Matrix: Solid

Client Sample Results

Client: NT Global Job ID: 890-2758-1
Project/Site: Smokey Bits SDG: Lea County

Client Sample ID: SW-7

Lab Sample

Lab Sample ID: 890-2758-7 Matrix: Solid

Date Collected: 08/16/22 08:00
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	
Oll 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		ma/Ka			08/26/22 06:06		

Client Sample ID: SW-8 Lab Sample ID: 890-2758-8

Date Collected: 08/16/22 08:00 Date Received: 08/16/22 08:29

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

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)
Δnalvte	Result Qualifier	RI

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

			(-::-)(-:)						
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
Oll 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	l imite				Propared	Analyzod	Dil Fac

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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Matrix: Solid

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Client: NT Global Job ID: 890-2758-1
Project/Site: Smokey Bits 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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00202	U	0.00202		mg/Kg		08/23/22 15:02	08/28/22 04:28	
Toluene	<0.00202	U	0.00202		mg/Kg		08/23/22 15:02	08/28/22 04:28	
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/23/22 15:02	08/28/22 04:28	
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		08/23/22 15:02	08/28/22 04:28	
o-Xylene	< 0.00202	U	0.00202		mg/Kg		08/23/22 15:02	08/28/22 04:28	
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/23/22 15:02	08/28/22 04:28	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	95		70 - 130				08/23/22 15:02	08/28/22 04:28	
1,4-Difluorobenzene (Surr)	99		70 - 130				08/23/22 15:02	08/28/22 04:28	
Method: TAL SOP Total BTEX	: Total BTE	X Calculat	ion						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00403	U	0.00403		mg/Kg			08/29/22 13:26	
	_	•	DRO) (GC)	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Method: SW846 8015 NM - Die Analyte	_	Organics (Qualifier	, , ,	MDL	Unit	D	Prepared	Analyzed	Dil Fa
	_	•	, , ,	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 08/18/22 09:47	Dil Fa
Analyte Total TPH Method: SW846 8015B NM - E	Result 624 Diesel Range	Qualifier Organics	RL 50.0 (DRO) (GC)		mg/Kg	_ =	<u> </u>	08/18/22 09:47	
Analyte Total TPH Method: SW846 8015B NM - D Analyte	Result 624 Diesel Range Result	Qualifier Organics Qualifier	750.0 (DRO) (GC)	MDL	mg/Kg	<u>D</u>	Prepared	08/18/22 09:47 Analyzed	
Analyte Total TPH Method: SW846 8015B NM - E Analyte Gasoline Range Organics	Result 624 Diesel Range	Qualifier Organics Qualifier	RL 50.0 (DRO) (GC)		mg/Kg	_ =	<u> </u>	08/18/22 09:47	
Analyte Total TPH Method: SW846 8015B NM - E Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result 624 Diesel Range Result	Qualifier Organics Qualifier	750.0 (DRO) (GC)		mg/Kg	_ =	Prepared 08/17/22 14:23	08/18/22 09:47 Analyzed	
Analyte Total TPH Method: SW846 8015B NM - E Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result 624 Diesel Range Result <50.0	Qualifier Organics Qualifier U	RL 50.0 (GC) RL 50.0		mg/Kg Unit mg/Kg	_ =	Prepared 08/17/22 14:23 08/17/22 14:23	08/18/22 09:47 Analyzed 08/18/22 03:02	
Analyte Total TPH Method: SW846 8015B NM - DANALYTE Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result 624 Diesel Range Result <50.0	Qualifier Organics Qualifier U	RL 50.0 (GC) RL 50.0 50.0		mg/Kg Unit mg/Kg mg/Kg	_ =	Prepared 08/17/22 14:23 08/17/22 14:23	08/18/22 09:47 Analyzed 08/18/22 03:02 08/18/22 03:02	Dil Fa
Analyte Total TPH Method: SW846 8015B NM - E Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	Result 624 Diesel Range Result <50.0 624 <50.0	Qualifier Organics Qualifier U	RL 50.0 (DRO) (GC) RL 50.0 50.0 50.0		mg/Kg Unit mg/Kg mg/Kg	_ =	Prepared 08/17/22 14:23 08/17/22 14:23	08/18/22 09:47 Analyzed 08/18/22 03:02 08/18/22 03:02 08/18/22 03:02	Dil Fa
Analyte Total TPH Method: SW846 8015B NM - E Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result 624 Diesel Range Result <50.0 624 <50.0 %Recovery	Qualifier Organics Qualifier U	RL 50.0 (DRO) (GC) RL 50.0 50.0 Limits		mg/Kg Unit mg/Kg mg/Kg	_ =	Prepared 08/17/22 14:23 08/17/22 14:23 08/17/22 14:23 Prepared 08/17/22 14:23	08/18/22 09:47 Analyzed 08/18/22 03:02 08/18/22 03:02 08/18/22 03:02 Analyzed	Dil Fa
Analyte	Result 624	Qualifier Organics Qualifier U Qualifier	RL 50.0 (DRO) (GC) RL 50.0 50.0 50.0 Limits 70 - 130 70 - 130		mg/Kg Unit mg/Kg mg/Kg	_ =	Prepared 08/17/22 14:23 08/17/22 14:23 08/17/22 14:23 Prepared 08/17/22 14:23	08/18/22 09:47 Analyzed 08/18/22 03:02 08/18/22 03:02 08/18/22 03:02 Analyzed 08/18/22 03:02	Dil Fa
Analyte Total TPH Method: SW846 8015B NM - E Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	Result 624	Qualifier Organics Qualifier U Qualifier	RL 50.0 (DRO) (GC) RL 50.0 50.0 50.0 Limits 70 - 130 70 - 130	MDL	mg/Kg Unit mg/Kg mg/Kg	_ =	Prepared 08/17/22 14:23 08/17/22 14:23 08/17/22 14:23 Prepared 08/17/22 14:23	08/18/22 09:47 Analyzed 08/18/22 03:02 08/18/22 03:02 08/18/22 03:02 Analyzed 08/18/22 03:02	Dil Fa

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

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

Eurofins Carlsbad

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Analyte

Client: NT Global Job ID: 890-2758-1 Project/Site: Smokey Bits 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

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 - Die	esel 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 - D	iesel Range	e Organics	(DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		08/17/22 14:23	08/18/22 00:55	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		08/17/22 14:23	08/18/22 00:55	1
C10-C28)									
Oll 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

4.96 08/26/22 06:30 Chloride 41.5 mg/Kg **Client Sample ID: CS-2** Lab Sample ID: 890-2758-11

RL

MDL Unit

Prepared

Date Collected: 08/16/22 08:00 Date Received: 08/16/22 08:29

Result Qualifier

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		70 100				00/00/00 45:00	08/28/22 06:38	1
	EX - Total BTE		70 - 130 ion				08/23/22 15:02	00/20/22 00.36	
Method: TAL SOP Total BT	EX - Total BTE	X Calculat Qualifier		MDL	Unit	D	08/23/22 15:02 Prepared	Analyzed	Dil Fac
Method: TAL SOP Total BT Analyte Total BTEX	EX - Total BTE	Qualifier	ion	MDL	Unit mg/Kg	<u>D</u>			Dil Fac
Method: TAL SOP Total BT Analyte Total BTEX	TEX - Total BTE Result <0.00399	Qualifier U	ion RL 0.00399	MDL		<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BT Analyte	TEX - Total BTE Result <0.00399 Diesel Range 0	Qualifier U	ion RL 0.00399	MDL MDL	mg/Kg	<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BT Analyte Total BTEX Method: SW846 8015 NM -	TEX - Total BTE Result <0.00399 Diesel Range 0	Qualifier U Organics (Qualifier	ion RL 0.00399 DRO) (GC)		mg/Kg	_ =	Prepared	Analyzed 08/29/22 13:26	1
Method: TAL SOP Total BT Analyte Total BTEX Method: SW846 8015 NM - Analyte Total TPH	EX - Total BTE Result <0.00399 Diesel Range Result <49.9	Qualifier U Organics (Qualifier U	RL 0.00399 DRO) (GC) RL 49.9		mg/Kg Unit	_ =	Prepared	Analyzed 08/29/22 13:26 Analyzed	1
Method: TAL SOP Total BT Analyte Total BTEX Method: SW846 8015 NM - Analyte Total TPH Method: SW846 8015B NM	EX - Total BTE Result <0.00399 Diesel Range Result <49.9 - Diesel Range	Qualifier U Organics (Qualifier U	RL 0.00399 DRO) (GC) RL 49.9		mg/Kg Unit mg/Kg	_ =	Prepared	Analyzed 08/29/22 13:26 Analyzed	1
Method: TAL SOP Total BT Analyte Total BTEX Method: SW846 8015 NM - Analyte	EX - Total BTE Result <0.00399 Diesel Range Result <49.9 - Diesel Range	Qualifier U Organics (Qualifier U Organics (Qualifier U	DRO) (GC) RL 49.9 (DRO) (GC)	MDL	mg/Kg Unit mg/Kg	<u></u> <u>D</u>	Prepared Prepared	Analyzed 08/29/22 13:26 Analyzed 08/18/22 09:47	Dil Fac

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Dil Fac

Matrix: Solid

Analyzed

Client Sample Results

Client: NT Global Job ID: 890-2758-1 Project/Site: Smokey Bits 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 - I	Diesel Range	Organics	(DRO) (GC)	(Contin	ued)				
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll 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**

Method: SW846 8021B - Vo	•	Qualifier	RL	MDL	Unit	D	Droporod	Anglyzad	Dil Fac
Analyte				MIDL			Prepared	Analyzed	DII Fac
Benzene	*****	U	0.00201		mg/Kg		08/23/22 15:02	08/28/22 06:58	7
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 BT	EX - Total BTE	X Calculat	tion						
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 - Dies	el Range	Organics (D	RO) (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
Mothod: SW846 8045B NM Di									

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	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/17/22 14:23	08/18/22 01:37	•
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/22 14:23	08/18/22 01:37	•
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	123		70 - 130				08/17/22 14:23	08/18/22 01:37	-
o-Terphenyl	118		70 - 130				08/17/22 14:23	08/18/22 01:37	

Method: MCAWW 300.0 - Anio	ns, Ion Chr	omatograp	hy - Solubl	e					
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	40.7		4.99		mg/Kg			08/26/22 07:02	1

Client: NT Global Job ID: 890-2758-1 Project/Site: Smokey Bits 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

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 BTE	X Calculat	ion						
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 - Die	esel Range (Organics (DRO) (GC)						
Analyte	_	Organics (Qualifier	RL	MDL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
	_	•	, , ,	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 08/18/22 09:47	Dil Fac
Analyte	Result 89.8	Qualifier	RL 49.9	MDL		<u>D</u>	Prepared		Dil Fac
Analyte Total TPH	Result 89.8 Diesel Range	Qualifier	RL 49.9			<u>D</u>	Prepared Prepared		1
Analyte Total TPH Method: SW846 8015B NM - E	Result 89.8 Diesel Range	Qualifier Organics Qualifier	RL 49.9 (DRO) (GC)		mg/Kg	_ =		08/18/22 09:47	1
Analyte Total TPH Method: SW846 8015B NM - DANALYTE Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result 89.8 Diesel Range Result	Qualifier Organics Qualifier	(DRO) (GC) RL		mg/Kg	_ =	Prepared 08/17/22 14:23	08/18/22 09:47 Analyzed	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - December 2015 Analyte Gasoline Range Organics (GRO)-C6-C10	Result 89.8 Diesel Range Result <49.9	Qualifier Organics Qualifier U	RL 49.9 (DRO) (GC) RL 49.9		mg/Kg Unit mg/Kg	_ =	Prepared 08/17/22 14:23 08/17/22 14:23	08/18/22 09:47 Analyzed 08/18/22 02:19	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - December 2015 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result 89.8 Diesel Range Result <49.9	Qualifier Organics Qualifier U	RL 49.9 (DRO) (GC) RL 49.9		mg/Kg Unit mg/Kg mg/Kg	_ =	Prepared 08/17/22 14:23 08/17/22 14:23	08/18/22 09:47 Analyzed 08/18/22 02:19 08/18/22 02:19	1 Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Description of the state o	Result 89.8 Diesel Range Result <49.9 89.8 49.9	Qualifier Organics Qualifier U	RL 49.9 (DRO) (GC) RL 49.9 49.9		mg/Kg Unit mg/Kg mg/Kg	_ =	Prepared 08/17/22 14:23 08/17/22 14:23	08/18/22 09:47 Analyzed 08/18/22 02:19 08/18/22 02:19 08/18/22 02:19	1 Dil Fac
Analyte Total TPH Method: SW846 8015B NM - E Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	Result 89.8 Diesel Range Result <49.9 89.8 49.9 %Recovery	Qualifier Organics Qualifier U	RL 49.9 (DRO) (GC) RL 49.9 49.9 49.9		mg/Kg Unit mg/Kg mg/Kg	_ =	Prepared 08/17/22 14:23 08/17/22 14:23 08/17/22 14:23 Prepared 08/17/22 14:23	08/18/22 09:47 Analyzed 08/18/22 02:19 08/18/22 02:19 08/18/22 02:19 Analyzed	1 Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Example Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result 89.8 Diesel Range Result <49.9 89.8 <49.9 **Recovery 127 119	Qualifier Organics Qualifier U Qualifier	RL 49.9 (DRO) (GC) RL 49.9 49.9 49.9 Limits 70 - 130 70 - 130		mg/Kg Unit mg/Kg mg/Kg	_ =	Prepared 08/17/22 14:23 08/17/22 14:23 08/17/22 14:23 Prepared 08/17/22 14:23	08/18/22 09:47 Analyzed 08/18/22 02:19 08/18/22 02:19 08/18/22 02:19 Analyzed 08/18/22 02:19	•
Analyte Total TPH Method: SW846 8015B NM - E Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	Result 89.8 Diesel Range Result <49.9 89.8 <49.9 WRecovery 127 119 Dons, Ion Chr	Qualifier Organics Qualifier U Qualifier	RL 49.9 (DRO) (GC) RL 49.9 49.9 49.9 Limits 70 - 130 70 - 130	MDL	mg/Kg Unit mg/Kg mg/Kg	_ =	Prepared 08/17/22 14:23 08/17/22 14:23 08/17/22 14:23 Prepared 08/17/22 14:23	08/18/22 09:47 Analyzed 08/18/22 02:19 08/18/22 02:19 08/18/22 02:19 Analyzed 08/18/22 02:19	Dil Fac

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

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

Date Received: 08/16/22 08:29

o-Terphenyl

Date Received: 08/16/22 08:29

Job ID: 890-2758-1

Client: NT Global Project/Site: Smokey Bits SDG: Lea County

Client Sample ID: CS-5 Lab Sample ID: 890-2758-14 Date Collected: 08/16/22 08:00 **Matrix: Solid**

Method: TAL SOP Total BTEX	- Total BTEX Calculat	tion					
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total RTEY	<0.00308 11	0.00308	ma/Ka			08/20/22 13:26	

Method: SW846 8015 NM - Die	sel Range Organic	s (DRO) (GC))				
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	54.5	50.0	ma/Ka			08/18/22 09:47	

Total TPH	54.5		50.0		mg/Kg			08/18/22 09:47	1
Method: SW846 8015B NM - D	Diesel Range	o 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
Oll 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

Method: MCAWW 300.0 - Anio	ns, Ion Chromatograp	hy - Soluble)				
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	108	5.00	mg/Kg			08/26/22 07:33	1

70 - 130

Lab Sample ID: 890-2758-15 **Client Sample ID: CS-6** Date Collected: 08/16/22 08:00 **Matrix: Solid**

Mathadi CWO4C 0004D	Valatila Ossania Campannala (CC)
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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 BTE	X Calculat	ion						
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 - Die	esel Range O	rganics (D	RO) (GC)						
Analyte	Result (Qualifier	RL	MDL U	Jnit	D	Prepared	Analyzed	Dil Fac
Total TPH	385		50.0	n	ng/Kg			08/18/22 09:47	1

Method: SW846 8015B NM - D	iesel 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	385	*1	50.0		mg/Kg		08/18/22 09:11	08/18/22 14:18	1

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08/17/22 14:23 08/18/22 02:40

Job ID: 890-2758-1

SDG: Lea County

Client Sample ID: CS-6

Project/Site: Smokey Bits

Client: NT Global

Date Collected: 08/16/22 08:00 Date Received: 08/16/22 08:29

Lab Sample ID: 890-2758-15

Matrix: Solid

Method: SW846 8015B NM - D	Diesel Range	Organics	(DRO) (GC)	(Continu	ued)				
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll 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

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble Result Qualifier **MDL** Unit Prepared Analyzed Dil Fac Chloride 64.4 4.99 mg/Kg 08/26/22 07:41

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

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

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
_						

ı	Method: IAL SOP Total BTEX	· lotal BIE	x Caiculat	ion						
	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 - Dies	el Range (Organics (D)RO) (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

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
Oll 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 - Anio	ns, Ion Chr	omatograpl	hy - 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: NT Global Job ID: 890-2758-1 Project/Site: Smokey Bits SDG: Lea County

Client Sample ID: CS-8 Lab Sample ID: 890-2758-17

Matrix: Solid

Date Collected: 08/16/22 08:00 Date Received: 08/16/22 08:29

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	-
1,4-Difluorobenzene (Surr)	99		70 - 130				08/23/22 15:02	08/28/22 08:40	•
Method: TAL SOP Total BTEX	(- Total BTE	X Calculat	ion						
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 - Di	esel 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	<50.0	U	50.0		mg/Kg		08/18/22 09:11	08/18/22 15:02	1
(GRO)-C6-C10	-50.0		50.0		".		00/40/00 00 44	00/40/00 45 00	
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
Oll 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	- Quantities	70 - 130				08/18/22 09:11	08/18/22 15:02	
o-Terphenyl	101		70 - 130 70 - 130				08/18/22 09:11	08/18/22 15:02	
	101		70-130				00/10/22 03.11	00, 10,22 10.02	1
Method: MCAWW 300.0 - Anic	•	•	•						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Client Sample ID: CS-9 Lab Sample ID: 890-2758-18

4.97

41.8

mg/Kg

Date Collected: 08/16/22 08:00 Date Received: 08/16/22 08:29

Chloride

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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08/26/22 07:57

Matrix: Solid

Job ID: 890-2758-1

Client: NT Global Project/Site: Smokey Bits 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

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 - Di	esel 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 - D Analyte	_	Qualifier	(DRO) (GC) RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
INICUIOU. SYVO40 OU ISB INIVI - L	Jiesei Range	Organics	(DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL		<u>D</u>			Dil Fac
	_	Qualifier		MDL	Unit mg/Kg	<u>D</u>	Prepared 08/18/22 09:11	Analyzed 08/18/22 15:24	Dil Fac
Analyte Gasoline Range Organics	Result	Qualifier U	RL	MDL		<u>D</u>			Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10	Result < 50.0	Qualifier U	RL 50.0	MDL	mg/Kg	<u>D</u>	08/18/22 09:11	08/18/22 15:24	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result < 50.0	Qualifier U *1	RL 50.0	MDL	mg/Kg	<u>D</u>	08/18/22 09:11	08/18/22 15:24	1 1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result < 50.0 464	Qualifier U *1	50.0 50.0	MDL	mg/Kg	<u> </u>	08/18/22 09:11 08/18/22 09:11	08/18/22 15:24 08/18/22 15:24	1 1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result <50.0 464 <50.0	Qualifier U *1	FL 50.0 50.0 50.0	MDL	mg/Kg	<u>D</u>	08/18/22 09:11 08/18/22 09:11 08/18/22 09:11	08/18/22 15:24 08/18/22 15:24 08/18/22 15:24	1 1 Dil Fac

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

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	
4 4 Difference have a control	407								
1,4-Difluorobenzene (Surr) Method: TAL SOP Total BTE	107 EX - Total BTE	X Calculat	70 - 130 ion				08/23/22 15:02	08/28/22 09:21	7
Method: TAL SOP Total BTE	EX - Total BTE	X Calculat Qualifier		MDL	Unit	D	08/23/22 15:02 Prepared	08/28/22 09:21 Analyzed	Dil Fac
	EX - Total BTE	Qualifier	ion	MDL	Unit mg/Kg	<u>D</u>			Dil Fac
Method: TAL SOP Total BTE Analyte Total BTEX	EX - Total BTE Result <0.00403	Qualifier U	ion RL 0.00403	MDL		<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BTE Analyte Total BTEX Method: SW846 8015 NM - I	EX - Total BTE Result <0.00403 Diesel Range 0	Qualifier U	ion RL 0.00403	MDL MDL	mg/Kg	<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BTE Analyte	EX - Total BTE Result <0.00403 Diesel Range 0	Qualifier U Organics (ion RL 0.00403		mg/Kg	_ =	Prepared	Analyzed 08/29/22 13:26	1
Method: TAL SOP Total BTE Analyte Total BTEX Method: SW846 8015 NM - I Analyte Total TPH	EX - Total BTE Result <0.00403 Diesel Range (Result 286	Qualifier U Organics (Qualifier	DRO) (GC) RL 49.9		mg/Kg Unit	_ =	Prepared	Analyzed 08/29/22 13:26 Analyzed	1
Method: TAL SOP Total BTE Analyte Total BTEX Method: SW846 8015 NM - I Analyte	EX - Total BTE Result <0.00403 Diesel Range (Result 286 - Diesel Range	Qualifier U Organics (Qualifier	DRO) (GC) RL 49.9		mg/Kg Unit	_ =	Prepared	Analyzed 08/29/22 13:26 Analyzed	1
Method: TAL SOP Total BTE Analyte Total BTEX Method: SW846 8015 NM - I Analyte Total TPH Method: SW846 8015B NM -	EX - Total BTE Result <0.00403 Diesel Range (Result 286 - Diesel Range	Qualifier U Organics (Qualifier Organics Qualifier Qualifier	DRO) (GC) RL 49.9 (DRO) (GC)	MDL	mg/Kg Unit mg/Kg	<u></u> <u>D</u>	Prepared Prepared	Analyzed 08/29/22 13:26 Analyzed 08/18/22 09:47	Dil Fac

Client Sample Results

Client: NT Global Job ID: 890-2758-1 Project/Site: Smokey Bits 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 - D	Diesel Range	Organics	(DRO) (GC)	(Contin	ued)				
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll 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

Method: SW846 8021B - Vo	olatile Organic	Compound	ds (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 BT	EX - Total BTE	X Calculat	ion						
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

Analyte	Result	Qualifier	KL	MDL	Unit	ט	Prepared	Anaiyzed	DII Fac
Total TPH	447		49.9		mg/Kg			08/18/22 09:47	1
Method: SW846 8015B NM - D	iesel Range	o 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
Oll 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

RL

5.04

MDL Unit

mg/Kg

Analyzed

08/26/22 08:20

Prepared

Result Qualifier

99.7

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Dil Fac

Analyte

Chloride

Client: NT Global Job ID: 890-2758-1
Project/Site: Smokey Bits 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

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	
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 BTE	X Calculat	ion						
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
	_	Organics (Qualifier	DRO) (GC) RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte	_	•	, , ,	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 08/18/22 09:47	
Analyte Total TPH	Result 280	Qualifier	RL 50.0	MDL		<u>D</u>	Prepared		
Analyte Total TPH Method: SW846 8015B NM - E	Result 280 Diesel Range	Qualifier	RL 50.0			<u>D</u>	Prepared Prepared		1
Analyte Total TPH Method: SW846 8015B NM - E Analyte Gasoline Range Organics	Result 280 Diesel Range	Qualifier Organics Qualifier	RL 50.0 (DRO) (GC)		mg/Kg			08/18/22 09:47	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - DA Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result 280 Diesel Range Result	Qualifier Organics Qualifier U	70.0 (DRO) (GC) RL		mg/Kg Unit		Prepared	08/18/22 09:47 Analyzed	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - DANALYTE Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result 280 Diesel Range Result <50.0	Qualifier Organics Qualifier U *1	RL 50.0 (DRO) (GC) RL 50.0		mg/Kg Unit mg/Kg		Prepared 08/18/22 09:11	08/18/22 09:47 Analyzed 08/18/22 17:20 08/18/22 17:20	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - DANALYTE Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result 280 Diesel Range Result <50.0	Qualifier Organics Qualifier U *1	RL 50.0 (DRO) (GC) RL 50.0		mg/Kg Unit mg/Kg mg/Kg		Prepared 08/18/22 09:11 08/18/22 09:11	08/18/22 09:47 Analyzed 08/18/22 17:20 08/18/22 17:20	1 Dil Fac
Analyte Total TPH Method: SW846 8015B NM - E Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	Result 280 Diesel Range Result <50.0 280 <50.0	Qualifier Organics Qualifier U *1	RL 50.0 (DRO) (GC) RL 50.0 50.0		mg/Kg Unit mg/Kg mg/Kg		Prepared 08/18/22 09:11 08/18/22 09:11 08/18/22 09:11	08/18/22 09:47 Analyzed 08/18/22 17:20 08/18/22 17:20 08/18/22 17:20	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - E Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result 280 Diesel Range Result <50.0 280 <50.0 %Recovery	Qualifier Organics Qualifier U *1	RL 50.0 (DRO) (GC) RL 50.0 50.0 Limits		mg/Kg Unit mg/Kg mg/Kg		Prepared 08/18/22 09:11 08/18/22 09:11 08/18/22 09:11 Prepared	08/18/22 09:47 Analyzed 08/18/22 17:20 08/18/22 17:20 08/18/22 17:20 Analyzed	1 Dil Fac
Analyte Total TPH Method: SW846 8015B NM - E Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	Result 280	Qualifier Organics Qualifier U *1 U Qualifier	RL 50.0 (DRO) (GC) RL 50.0 50.0 50.0 Limits 70 - 130 70 - 130		mg/Kg Unit mg/Kg mg/Kg		Prepared 08/18/22 09:11 08/18/22 09:11 08/18/22 09:11 Prepared 08/18/22 09:11	08/18/22 09:47 Analyzed 08/18/22 17:20 08/18/22 17:20 08/18/22 17:20 Analyzed 08/18/22 17:20	1 Dil Fac
Method: SW846 8015 NM - Dic Analyte Total TPH Method: SW846 8015B NM - Dic Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl Method: MCAWW 300.0 - Anic Analyte	Result 280	Qualifier Organics Qualifier U *1 U Qualifier	RL 50.0 (DRO) (GC) RL 50.0 50.0 50.0 Limits 70 - 130 70 - 130	MDL	mg/Kg Unit mg/Kg mg/Kg		Prepared 08/18/22 09:11 08/18/22 09:11 08/18/22 09:11 Prepared 08/18/22 09:11	08/18/22 09:47 Analyzed 08/18/22 17:20 08/18/22 17:20 08/18/22 17:20 Analyzed 08/18/22 17:20	1 Dil Fac

Client Sample ID: CS-13

Date Collected: 08/16/22 08:00

Matrix: Solid

Date Collected: 08/16/22 08:00
Date Received: 08/16/22 08:29

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

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12

14

Client Sample Results

Client: NT Global Job ID: 890-2758-1 Project/Site: Smokey Bits SDG: Lea County

Client Sample ID: CS-13 Lab Sample ID: 890-2758-22

Matrix: Solid

Date Collected: 08/16/22 08:00 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 - Dies	sel Range (Organics (D	ORO) (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
• 177		o Organics (9/.19				
Method: SW846 8015B NM - Die		o Organics (9/1.19				
Method: SW846 8015B NM - Die Analyte	esel Range Result	Qualifier	(DRO) (GC)	MDL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
Method: SW846 8015B NM - Did Analyte Gasoline Range Organics	esel Range	Qualifier	(DRO) (GC)	MDL	0 0	<u>D</u>	Prepared 08/18/22 09:11	Analyzed 08/18/22 17:41	Dil Fac
Method: SW846 8015B NM - Die Analyte	esel Range Result	Qualifier	(DRO) (GC)	MDL	Unit	<u>D</u>			Dil Fac
Method: SW846 8015B NM - Did Analyte Gasoline Range Organics	esel Range Result	Qualifier U	(DRO) (GC)	MDL	Unit	<u>D</u>			Dil Fac
Method: SW846 8015B NM - Did Analyte Gasoline Range Organics (GRO)-C6-C10	esel Range Result <49.9	Qualifier U	(DRO) (GC) RL 49.9	MDL	Unit mg/Kg	<u>D</u>	08/18/22 09:11	08/18/22 17:41	Dil Fac

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 - Anio	ns, Ion Chr	omatograph	ny - Soluble			

Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac 5.00 08/24/22 18:46 75.2 **Chloride** mg/Kg

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

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	
1,4-Difluorobenzene (Surr)	76		70 - 130				00/02/22 15:06	08/28/22 02:22	1
Method: TAL SOP Total BTE		X Calculat					06/23/22 15.06	00/20/22 02.22	
Method: TAL SOP Total BTE	X - Total BTE		ion	MDI	Unit	D			,
Method: TAL SOP Total BTE Analyte	X - Total BTE	Qualifier		MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 08/29/22 13:26	Dil Fac
Method: TAL SOP Total BTE Analyte Total BTEX	EX - Total BTE Result <0.00399	Qualifier U	nion RL 0.00399	MDL		<u>D</u>		Analyzed	·
Method: TAL SOP Total BTE Analyte	EX - Total BTE Result <	Qualifier U	nion RL 0.00399			<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BTE Analyte Total BTEX Method: SW846 8015 NM - D	EX - Total BTE Result <	Qualifier U Organics (ion RL 0.00399		mg/Kg	_ =	Prepared	Analyzed 08/29/22 13:26	Dil Fac
Method: TAL SOP Total BTE Analyte Total BTEX Method: SW846 8015 NM - E Analyte Total TPH	EX - Total BTE Result CO.00399 Diesel Range (Result 574	Qualifier U Organics (Qualifier	RL 0.00399 DRO) (GC) RL 49.9		mg/Kg Unit	_ =	Prepared	Analyzed 08/29/22 13:26 Analyzed	,
Method: TAL SOP Total BTE Analyte Total BTEX Method: SW846 8015 NM - D Analyte	EX - Total BTE Result <0.00399 Diesel Range (Result 574 Diesel Range	Qualifier U Organics (Qualifier	RL 0.00399 DRO) (GC) RL 49.9	MDL	mg/Kg Unit	_ =	Prepared	Analyzed 08/29/22 13:26 Analyzed	Dil Fac
Method: TAL SOP Total BTE Analyte Total BTEX Method: SW846 8015 NM - Description of the second state of t	EX - Total BTE Result <0.00399 Diesel Range (Result 574 Diesel Range	Qualifier U Organics (Qualifier Organics Qualifier Qualifier	DRO) (GC) RL 49.9	MDL	mg/Kg Unit mg/Kg	<u></u> <u>D</u>	Prepared Prepared	Analyzed 08/29/22 13:26 Analyzed 08/18/22 09:47	Dil Fac

Job ID: 890-2758-1

Client: NT Global Project/Site: Smokey Bits

SDG: Lea County

Client Sample ID: CS-14 Date Collected: 08/16/22 08:00

Lab Sample ID: 890-2758-23

Date Received: 08/16/22 08:29

Matrix: Solid

Method: SW846 8015B NM - I	Diesel Range	Organics	(DRO) (GC)	(Continu	ied)				
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/18/22 09:11	08/18/22 18:03	1
	0/5						Dronovod	Analyzad	Dil Fac
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	DII Fac
1-Chlorooctane	%Recovery 115	Qualifier	70 - 130				08/18/22 09:11		1 1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac Chloride 72.9 4.98 08/24/22 18:55 mg/Kg

Client Sample ID: CS-15 Lab Sample ID: 890-2758-24

Date Collected: 08/16/22 08:00 Date Received: 08/16/22 08:29

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC) Result Qualifier Analyte MDL Unit Dil Fac RL Prepared Analyzed Benzene <0.00199 U 0.00199 08/23/22 15:06 08/28/22 02:42 mg/Kg <0.00199 U Toluene 0.00199 mg/Kg 08/23/22 15:06 08/28/22 02:42 Ethylbenzene <0.00199 U 0.00199 mg/Kg 08/23/22 15:06 08/28/22 02:42 m-Xylene & p-Xylene 08/23/22 15:06 08/28/22 02:42 <0.00398 U 0.00398 mg/Kg o-Xylene <0.00199 U 0.00199 mg/Kg 08/23/22 15:06 08/28/22 02:42 Xylenes, Total <0.00398 U 0.00398 mg/Kg 08/23/22 15:06 08/28/22 02:42

Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 4-Bromofluorobenzene (Surr) 103 70 - 130 08/23/22 15:06 08/28/22 02:42 1,4-Difluorobenzene (Surr) 78 70 - 130 08/23/22 15:06 08/28/22 02:42

Method: TAL SOP Total BTEX - Total BTEX Calculation Prepared Analyte Result Qualifier RI **MDL** Unit ח Analyzed Dil Fac **Total BTEX** <0.00398 U 0.00398 mg/Kg 08/29/22 13:26

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

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) Analyte Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac <50.0 U 50.0 Gasoline Range Organics mg/Kg 08/18/22 09:11 08/18/22 18:25 (GRO)-C6-C10 50.0 mg/Kg 08/18/22 09:11 08/18/22 18:25 **Diesel Range Organics (Over** 461 *1 C10-C28) Oll Range Organics (Over C28-C36) <50.0 U 50.0 mg/Kg 08/18/22 09:11 08/18/22 18:25 Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 1-Chlorooctane 08/18/22 09:11 08/18/22 18:25 105 70 - 13092 08/18/22 09:11 08/18/22 18:25 o-Terphenyl 70 - 130

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac Chloride 140 4.97 mg/Kg 08/24/22 19:05

Client Sample Results

Client: NT Global Job ID: 890-2758-1 Project/Site: Smokey Bits SDG: Lea County

Client Sample ID: CS-16

Date Collected: 08/16/22 08:00 Date Received: 08/16/22 08:29

Lab Sample ID: 890-2758-25

Matrix: Solid

	ile Organic	Compount	us (GG)						
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 BTE	X Calculat	ion						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	11			n.e			08/29/22 13:26	1
IOIGI D I LA	\0.00402	U	0.00402		mg/Kg			08/29/22 13:26	1
- -					mg/Kg			08/29/22 13:26	1
: Method: SW846 8015 NM - Did	esel Range (Organics (DRO) (GC)	MDI		Б	Drawayad		·
Method: SW846 8015 NM - Did Analyte	esel Range (DRO) (GC)	MDL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
: Method: SW846 8015 NM - Did	esel Range (Organics (DRO) (GC)	MDL		<u>D</u>	Prepared		·
Method: SW846 8015 NM - Did Analyte	esel Range (Result	Organics (Qualifier	DRO) (GC) RL 49.9	MDL	Unit	<u>D</u>	Prepared	Analyzed	·
Method: SW846 8015 NM - Die Analyte Total TPH	esel Range (Result 573 Diesel Range	Organics (Qualifier	DRO) (GC) RL 49.9	MDL MDL	Unit mg/Kg	<u>D</u> D	Prepared Prepared	Analyzed	·
Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - D	esel Range (Result 573 Diesel Range	Organics (Qualifier Organics Qualifier Qualifier	DRO) (GC) RL 49.9 (DRO) (GC)		Unit mg/Kg			Analyzed 08/18/22 09:47	Dil Fac
Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - Did Analyte Gasoline Range Organics	esel Range (Result 573 Diesel Range (Result	Organics (Qualifier Organics Qualifier Qualifier	DRO) (GC) RL 49.9 (DRO) (GC) RL		Unit mg/Kg Unit		Prepared 08/17/22 14:23	Analyzed 08/18/22 09:47 Analyzed	Dil Fac
Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - Did Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result Figure 1998 Result	Organics (Qualifier Organics Qualifier U	DRO) (GC) RL 49.9 (DRO) (GC) RL 49.9 49.9		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 08/17/22 14:23 08/17/22 14:23	Analyzed 08/18/22 09:47 Analyzed 08/18/22 03:23 08/18/22 03:23	Dil Fac Dil Fac
Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - Did Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result Result	Organics (Qualifier Organics Qualifier U	DRO) (GC) RL 49.9 (DRO) (GC) RL 49.9		Unit mg/Kg Unit mg/Kg		Prepared 08/17/22 14:23 08/17/22 14:23	Analyzed 08/18/22 09:47 Analyzed 08/18/22 03:23	Dil Fac Dil Fac 1
Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - Did Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result Figure 1998 Result	Organics (Qualifier Organics Qualifier U	DRO) (GC) RL 49.9 (DRO) (GC) RL 49.9 49.9		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 08/17/22 14:23 08/17/22 14:23	Analyzed 08/18/22 09:47 Analyzed 08/18/22 03:23 08/18/22 03:23	Dil Fac Dil Fac 1 1
Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - Did Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result Figure 1998 Result	Organics (Qualifier Organics Qualifier U	DRO) (GC) RL 49.9 (DRO) (GC) RL 49.9 49.9		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 08/17/22 14:23 08/17/22 14:23	Analyzed 08/18/22 09:47 Analyzed 08/18/22 03:23 08/18/22 03:23 08/18/22 03:23	Dil Fac Dil Fac 1 1 1

Client Sample ID: CS-17 Lab Sample ID: 890-2758-26 Date Collected: 08/16/22 08:00 **Matrix: Solid**

5.02

MDL Unit

mg/Kg

Prepared

Analyzed

08/24/22 19:14

Analyte

Chloride

Date Received: 08/16/22 08:29

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Result Qualifier

160

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

Job ID: 890-2758-1

Client: NT Global Project/Site: Smokey Bits SDG: Lea County

Client Sample ID: CS-17

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Lab Sample ID: 890-2758-26 Date Collected: 08/16/22 08:00 Matrix: Solid Date Received: 08/16/22 08:29

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

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
	Analyte	Result Qu	ualifier RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Total TPH	730	49.9		mg/Kg	_		08/18/22 09:47	1

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
Oll 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

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

70 - 130

Client Sample ID: CS-18 Lab Sample ID: 890-2758-27 Date Collected: 08/16/22 08:00 **Matrix: Solid**

o-Terphenyl

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)			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 BT	EX - Total BTE	X Calculat	tion						
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 - I	Diesel Range	Organics	(DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	Ū	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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08/17/22 14:23 08/18/22 03:44

Client Sample Results

Client: NT Global Job ID: 890-2758-1 Project/Site: Smokey Bits SDG: Lea County

Client Sample ID: CS-18

Lab Sample ID: 890-2758-27

Matrix: Solid

Date Collected: 08/16/22 08:00 Date Received: 08/16/22 08:29

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll 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 - Anic	ons, Ion Chro	omatograph	y - 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

Lab Sample ID: 890-2758-28 **Client Sample ID: CS-19** Date Collected: 08/16/22 08:00 Matrix: Solid

Date Received: 08/16/22 08:29

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

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 - Dies	sel Range	Organics (I	DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

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Total TPH	516		50.0		mg/Kg			08/18/22 09:47	1
- Method: SW846 8015B NM - D	iesel Range	e 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
Oll 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 - Anio	ns, Ion Chr	omatograp	hy - 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

Client: NT Global Job ID: 890-2758-1
Project/Site: Smokey Bits SDG: Lea County

Client Sample ID: CS-20

Date Collected: 08/16/22 08:00 Date Received: 08/16/22 08:29

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

Lab Sample ID: 890-2758-29

08/17/22 14:23 08/18/22 04:47

Matrix: Solid

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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 BTI	EX - Total BTE	X Calculat	ion						
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	e Organics	(DRO) (GC)						
Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		08/17/22 14:23	08/18/22 04:47	1
(GRO)-C6-C10									

C10-C28) Oll 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

50.0

mg/Kg

Method: MCAWW 300.0 - Anions, Ion Chromatography - SolubleAnalyteResultQualifierRLMDLUnitDPreparedAnalyzedChloride1444.95mg/Kg08/24/22 21:05

384

Client Sample ID: CS-21 Lab Sample ID: 890-2758-30

Date Collected: 08/16/22 08:00 Date Received: 08/16/22 08:29

Diesel Range Organics (Over

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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Matrix: Solid

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8

10

12

14

Client: NT Global Job ID: 890-2758-1 Project/Site: Smokey Bits 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

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	
Method: SW846 8015 NM - Die	esel Range (Organics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	108		50.0		mg/Kg			08/18/22 09:47	
Method: SW846 8015B NM - E Analyte	Result	Qualifier	RL _	MDL		<u>D</u>	Prepared	Analyzed	Dil Fa
mothical citto-to corres itini	ioooag.	o.gaines	(5.10) (50)						
Analyte Gasoline Range Organics	_	Qualifier		MDL	Unit mg/Kg	<u>D</u>	Prepared 08/17/22 14:23		Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10	Result	Qualifier	RL _	MDL	mg/Kg	<u>D</u>	08/17/22 14:23		Dil Fac
Analyte Gasoline Range Organics	<50.0	Qualifier	RL 50.0	MDL		<u>D</u>	08/17/22 14:23	08/18/22 05:09	Dil Fa
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	<50.0	Qualifier U	RL 50.0	MDL	mg/Kg	<u>D</u>	08/17/22 14:23 08/17/22 14:23	08/18/22 05:09	Dil Fa
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result <50.0 108	Qualifier U	RL 50.0	MDL	mg/Kg	<u> </u>	08/17/22 14:23 08/17/22 14:23	08/18/22 05:09 08/18/22 05:09	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result <50.0 108 <50.0 %Recovery	Qualifier U Qualifier	FL 50.0 50.0 50.0	MDL	mg/Kg	<u>D</u>	08/17/22 14:23 08/17/22 14:23 08/17/22 14:23	08/18/22 05:09 08/18/22 05:09 08/18/22 05:09 Analyzed	

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier MDL Unit Prepared Analyzed Chloride 1300 4.96 08/24/22 21:14 mg/Kg

Client Sample ID: CS-22 Lab Sample ID: 890-2758-31 **Matrix: Solid**

Date Collected: 08/16/22 08:00

Date Received: 08/16/22 08:29

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00202	U	0.00202		mg/Kg		08/23/22 15:06	08/28/22 06:07	
Toluene	<0.00202	U	0.00202		mg/Kg		08/23/22 15:06	08/28/22 06:07	
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/23/22 15:06	08/28/22 06:07	
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/23/22 15:06	08/28/22 06:07	
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/23/22 15:06	08/28/22 06:07	
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/23/22 15:06	08/28/22 06:07	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	108		70 - 130				08/23/22 15:06	08/28/22 06:07	
1,4-Difluorobenzene (Surr)	92		70 - 130				00/22/22 15:06	08/28/22 06:07	
Method: TAL SOP Total BTE	EX - Total BTE		ion						
Method: TAL SOP Total BTE	EX - Total BTE	Qualifier	ion RL	MDL	Unit ma/Ka	<u>D</u>	Prepared	Analyzed	Dil Fa
Method: TAL SOP Total BTE Analyte Total BTEX	EX - Total BTE Result <0.00404	Qualifier U	ion RL 0.00404	MDL	Unit mg/Kg	<u>D</u>			Dil Fa
Method: TAL SOP Total BTE Analyte Total BTEX Method: SW846 8015 NM - I	EX - Total BTE Result <0.00404 Diesel Range 0	Qualifier U	ion RL 0.00404			<u>D</u>		Analyzed	
Method: TAL SOP Total BTE Analyte	EX - Total BTE Result <0.00404 Diesel Range 0	Qualifier U Organics (ion RL 0.00404 DRO) (GC)		mg/Kg	— -	Prepared	Analyzed 08/29/22 13:26	Dil Fa
Method: TAL SOP Total BTE Analyte Total BTEX Method: SW846 8015 NM - E Analyte	EX - Total BTE Result <0.00404 Diesel Range Result 143	Qualifier U Organics (Qualifier	RL 0.00404 DRO) (GC) RL 50.0		mg/Kg Unit	— -	Prepared	Analyzed 08/29/22 13:26 Analyzed	
Method: TAL SOP Total BTE Analyte Total BTEX Method: SW846 8015 NM - I Analyte Total TPH	EX - Total BTE Result <0.00404 Diesel Range Result 143 Diesel Range	Qualifier U Organics (Qualifier	RL 0.00404 DRO) (GC) RL 50.0	MDL	mg/Kg Unit	— -	Prepared	Analyzed 08/29/22 13:26 Analyzed	
Method: TAL SOP Total BTE Analyte Total BTEX Method: SW846 8015 NM - I Analyte Total TPH Method: SW846 8015B NM -	EX - Total BTE Result <0.00404 Diesel Range Result 143 Diesel Range	Qualifier U Organics (Qualifier Organics Qualifier Qualifier	RL	MDL	mg/Kg Unit mg/Kg	<u></u> <u>D</u>	Prepared Prepared	Analyzed 08/29/22 13:26 Analyzed 08/18/22 09:47	Dil Fa

Client Sample Results

Client: NT Global Job ID: 890-2758-1 Project/Site: Smokey Bits 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 - D	Diesel Range	Organics	(DRO) (GC)	(Contin	ued)				
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll 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
	118		70 - 130				00/47/00 44 00	08/18/22 05:30	

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble Result Qualifier **MDL** Unit Prepared Analyzed Dil Fac Chloride 43.8 5.00 mg/Kg 08/24/22 21:24

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

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

Analyte		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 - Dies	sel Range (Organics (DRO) (GC)						

Method. Strotto do 13 Mili - Di	esei italige	Organics (D	(UU)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	299		49.9		mg/Kg			08/18/22 09:47	1
	Diesel Range	organics (DRO) (GC)						
Analyte	_	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<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 Fa
Oll Range Organics (Over C28-C36)	<49.9 U	49.9	mg/Kg	08/18/22 09:11	08/18/22 18:47	
Diesel Range Organics (Over C10-C28)	299 *1	49.9	mg/Kg	08/18/22 09:11	08/18/22 18:47	

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 - Anio	ns, Ion Chro	omatograp	hy - Soluble	9					
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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(GRO)-C6-C10

Date Received: 08/16/22 08:29

Job ID: 890-2758-1

Client: NT Global Project/Site: Smokey Bits SDG: Lea County

Client Sample ID: CS-24 Lab Sample ID: 890-2758-33 Date Collected: 08/16/22 08:00 Matrix: Solid

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 Fa
4-Bromofluorobenzene (Surr)	108		70 - 130				08/23/22 15:06	08/28/22 06:48	-
1,4-Difluorobenzene (Surr)	93		70 - 130				08/23/22 15:06	08/28/22 06:48	1
Method: TAL SOP Total BTEX	- Total BTE	X Calculat	ion						
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 - Di									
Analyte	Rosult	Qualifier							
-		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
-	354	Quaiiilei	49.8	MDL	mg/Kg	<u>D</u>	Prepared	Analyzed 08/18/22 09:47	
Total TPH	354 Diesel Range	e Organics	49.8		mg/Kg	<u>D</u>	Prepared		1
Total TPH Method: SW846 8015B NM - E Analyte	354 Diesel Range Result	Organics Qualifier	49.8 (DRO) (GC) RL			<u>D</u>	Prepared Prepared	08/18/22 09:47 Analyzed	1
Total TPH Method: SW846 8015B NM - Description Analyte Gasoline Range Organics	354 Diesel Range	Organics Qualifier	49.8 (DRO) (GC)		mg/Kg			08/18/22 09:47	Dil Fac
Total TPH Method: SW846 8015B NM - DANAINTE Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	354 Diesel Range Result	Organics Qualifier	49.8 (DRO) (GC) RL		mg/Kg		Prepared	08/18/22 09:47 Analyzed 08/18/22 19:09	Dil Fac
Method: SW846 8015B NM - DANAINTE GASOline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Diesel Range Result <49.8	Organics Qualifier U	49.8 (DRO) (GC) RL 49.8		mg/Kg Unit mg/Kg		Prepared 08/18/22 09:11	08/18/22 09:47 Analyzed 08/18/22 19:09 08/18/22 19:09	Dil Fac
Total TPH Method: SW846 8015B NM - E Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	354 Diesel Range Result <49.8 354	Organics Qualifier U *1	49.8 (DRO) (GC) RL 49.8 49.8		mg/Kg Unit mg/Kg mg/Kg		Prepared 08/18/22 09:11 08/18/22 09:11	08/18/22 09:47 Analyzed 08/18/22 19:09 08/18/22 19:09	Dil Fac
Total TPH Method: SW846 8015B NM - E Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	354 Diesel Range Result <49.8 354 <49.8	Organics Qualifier U *1	49.8 (DRO) (GC) RL 49.8 49.8 49.8		mg/Kg Unit mg/Kg mg/Kg		Prepared 08/18/22 09:11 08/18/22 09:11 08/18/22 09:11	08/18/22 09:47 Analyzed 08/18/22 19:09 08/18/22 19:09 08/18/22 19:09	Dil Fac
Method: SW846 8015B NM - E Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	354 Diesel Range Result <49.8 354 <49.8 %Recovery	Organics Qualifier U *1	49.8 (DRO) (GC) RL 49.8 49.8 49.8 Limits		mg/Kg Unit mg/Kg mg/Kg		Prepared 08/18/22 09:11 08/18/22 09:11 08/18/22 09:11 Prepared	08/18/22 09:47 Analyzed 08/18/22 19:09 08/18/22 19:09 08/18/22 19:09 Analyzed	Dil Fac
Total TPH Method: SW846 8015B NM - E Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl Method: MCAWW 300.0 - Anid	354 Diesel Range Result <49.8 354 <49.8 **Recovery 104 93	e Organics Qualifier U *1 U Qualifier	49.8 (DRO) (GC) RL 49.8 49.8 49.8 49.8 Limits 70 - 130 70 - 130		mg/Kg Unit mg/Kg mg/Kg		Prepared 08/18/22 09:11 08/18/22 09:11 08/18/22 09:11 Prepared 08/18/22 09:11	08/18/22 09:47 Analyzed 08/18/22 19:09 08/18/22 19:09 08/18/22 19:09 Analyzed 08/18/22 19:09	Dil Fac
Method: SW846 8015B NM - DANAINTE GASOLINE Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	354 Diesel Range Result <49.8 354 <49.8 **Recovery 104 93 ons, Ion Chr	e Organics Qualifier U *1 U Qualifier	49.8 (DRO) (GC) RL 49.8 49.8 49.8 49.8 Limits 70 - 130 70 - 130	MDL	mg/Kg Unit mg/Kg mg/Kg		Prepared 08/18/22 09:11 08/18/22 09:11 08/18/22 09:11 Prepared 08/18/22 09:11	08/18/22 09:47 Analyzed 08/18/22 19:09 08/18/22 19:09 08/18/22 19:09 Analyzed 08/18/22 19:09	Dil Fac

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

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

Client: NT Global Job ID: 890-2758-1
Project/Site: Smokey Bits SDG: Lea County

Client Sample ID: CS-25

Date Collected: 08/16/22 08:00
Date Received: 08/16/22 08:29

Lab Sample ID: 890-2758-34

Matrix: Solid

Method: TAL SOP	Total BTEX - Total BTEX Calculation
Amalusta	Desuit Ouslifier

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	ma/Ka			08/18/22 09:47	1

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0	mg/Kg		08/18/22 09:11	08/18/22 19:31	1
(GRO)-C6-C10 Diesel Range Organics (Over	500	*1	50.0	mg/Kg		08/18/22 09:11	08/18/22 19:31	1
C10-C28)				0 0				
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		08/18/22 09:11	08/18/22 19:31	1
0	0/	O	l imite			D	A a l a al	D:// E

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

Date Received: 08/16/22 08:29

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

	Tolumo Olguino	- opou	uo (00)						
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

our oguto	70110001019	Qualifici Zimito	11000100	7a.y 20a	2
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	ma/Ka			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	<50.0	U	50.0	mg/Kg		08/18/22 09:11	08/18/22 19:53	1
(GRO)-C6-C10								
Diesel Range Organics (Over	267	*1	50.0	mg/Kg		08/18/22 09:11	08/18/22 19:53	1
C10-C28)								

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Matrix: Solid

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

Client: NT Global Project/Site: Smokey Bits

Lab Sample ID: 890-2758-35

Client Sample ID: CS-26 Date Collected: 08/16/22 08:00 Date Received: 08/16/22 08:29

Matrix: Solid

Method: SW846 8015B NM - D	iesel Range	Organics	(DRO) (GC)	(Continu	ued)				
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll 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 Result Qualifier **MDL** Unit Prepared Analyzed Dil Fac Chloride 336 5.05 mg/Kg 08/24/22 22:38

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

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 Day (0)			70 100				00/00/00 45 00	00/00/00 / / 05	

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 - Die	sel Range Organics (DF	RO) (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

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
Oll 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	Unit	D	Prepared	Analyzed	Dil Fac				
Chloride	76.7		4.97		mg/Kg			08/24/22 22:47	1

Job ID: 890-2758-1

Client: NT Global Project/Site: Smokey Bits 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

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	
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:06	08/28/22 14:25	
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/23/22 15:06	08/28/22 14:25	•
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	117		70 - 130				08/23/22 15:06	08/28/22 14:25	
1,4-Difluorobenzene (Surr)	84		70 - 130				08/23/22 15:06	08/28/22 14:25	
Method: TAL SOP Total BTEX	(- Total BTE	X Calculat	ion						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00401	U	0.00401		mg/Kg			08/29/22 13:26	
	_	Organics (Qualifier	DRO) (GC)	MDL	Unit	D	Prepared	Analvzed	Dil Fa
Method: SW846 8015 NM - Di Analyte Total TPH	_	•	, , ,	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 08/18/22 09:47	Dil Fa
Analyte Total TPH	Result 238	Qualifier	RL 49.8	MDL		<u>D</u>	Prepared		Dil Fa
Analyte Total TPH : Method: SW846 8015B NM - [Result 238 Diesel Range	Qualifier Organics	RL 49.8 (DRO) (GC)		mg/Kg	_ =	<u> </u>	08/18/22 09:47	
Analyte Total TPH Method: SW846 8015B NM - E Analyte Gasoline Range Organics	Result 238 Diesel Range	Qualifier Organics Qualifier	RL 49.8	MDL	mg/Kg	<u>D</u>	Prepared 08/18/22 09:14		Dil Fa
Analyte Total TPH Method: SW846 8015B NM - E Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result 238 Diesel Range Result	Qualifier Organics Qualifier	49.8 (DRO) (GC) RL		mg/Kg Unit	_ =	Prepared 08/18/22 09:14	08/18/22 09:47 Analyzed	Dil Fa
Analyte Total TPH Method: SW846 8015B NM - DANALYTE Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result 238 Diesel Range Result <49.8	Qualifier Organics Qualifier U	RL 49.8 (DRO) (GC) RL 49.8		mg/Kg Unit mg/Kg	_ =	Prepared 08/18/22 09:14 08/18/22 09:14	08/18/22 09:47 Analyzed 08/18/22 13:34	Dil Fa
Analyte Total TPH	Result 238 Diesel Range Result <49.8	Qualifier Organics Qualifier U	RL 49.8 (DRO) (GC) RL 49.8 49.8		mg/Kg Unit mg/Kg mg/Kg	_ =	Prepared 08/18/22 09:14 08/18/22 09:14	08/18/22 09:47 Analyzed 08/18/22 13:34 08/18/22 13:34	Dil Fa
Analyte Total TPH Method: SW846 8015B NM - E Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	Result 238 Diesel Range Result <49.8 238 249.8	Qualifier Organics Qualifier U	RL 49.8 (DRO) (GC) RL 49.8 49.8 49.8		mg/Kg Unit mg/Kg mg/Kg	_ =	Prepared 08/18/22 09:14 08/18/22 09:14 08/18/22 09:14 Prepared	08/18/22 09:47 Analyzed 08/18/22 13:34 08/18/22 13:34 08/18/22 13:34	Dil Fa
Analyte Total TPH Method: SW846 8015B NM - I Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result 238 Diesel Range Result <49.8 238 49.8 %Recovery	Qualifier Organics Qualifier U	RL 49.8 (DRO) (GC) RL 49.8 49.8 49.8 Limits		mg/Kg Unit mg/Kg mg/Kg	_ =	Prepared 08/18/22 09:14 08/18/22 09:14 08/18/22 09:14 Prepared 08/18/22 09:14	08/18/22 09:47 Analyzed 08/18/22 13:34 08/18/22 13:34 08/18/22 13:34 Analyzed	Dil Fa
Analyte Total TPH Method: SW846 8015B NM - E Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result 238	Qualifier Organics Qualifier U Qualifier	RL 49.8 (DRO) (GC) RL 49.8 49.8 49.8 Limits 70 - 130 70 - 130		mg/Kg Unit mg/Kg mg/Kg	_ =	Prepared 08/18/22 09:14 08/18/22 09:14 08/18/22 09:14 Prepared 08/18/22 09:14	08/18/22 09:47 Analyzed 08/18/22 13:34 08/18/22 13:34 08/18/22 13:34 Analyzed 08/18/22 13:34	Dil Fa
Analyte Total TPH Method: SW846 8015B NM - E Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	Result 238	Qualifier Organics Qualifier U Qualifier	RL 49.8 (DRO) (GC) RL 49.8 49.8 49.8 Limits 70 - 130 70 - 130		mg/Kg Unit mg/Kg mg/Kg mg/Kg	_ =	Prepared 08/18/22 09:14 08/18/22 09:14 08/18/22 09:14 Prepared 08/18/22 09:14	08/18/22 09:47 Analyzed 08/18/22 13:34 08/18/22 13:34 08/18/22 13:34 Analyzed 08/18/22 13:34	Dil Fac

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

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

Job ID: 890-2758-1

Client: NT Global Project/Site: Smokey Bits SDG: Lea County

Client Sample ID: CS-29

Date Collected: 08/16/22 08:00 Date Received: 08/16/22 08:29

Method: TAL SOP Total BTEX - Total BTEX Calculation

Lab Sample ID: 890-2758-38

08/18/22 09:14 08/18/22 13:56

Matrix: Solid

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	
	sel Range (Organics (I	DRO) (GC)							
			, , <i>,</i>			_	_			

Analyte Result Qualifier RL **MDL** Unit Analyzed Dil Fac D Prepared **Total TPH** 186 50.0 08/18/22 09:47 mg/Kg

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) Result Qualifier **MDL** Unit D Dil Fac Analyte RL Prepared Analyzed <50.0 U 50.0 08/18/22 09:14 08/18/22 13:56 Gasoline Range Organics mg/Kg (GRO)-C6-C10 **Diesel Range Organics (Over** 50.0 08/18/22 09:14 08/18/22 13:56 186 mg/Kg C10-C28) Oll Range Organics (Over C28-C36) <50.0 U 50.0 mg/Kg 08/18/22 09:14 08/18/22 13:56 Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 1-Chlorooctane 72 70 - 130 08/18/22 09:14 08/18/22 13:56

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier MDL Unit RL Prepared Analyzed Dil Fac 4.96 08/24/22 23:05 Chloride 65.1 mg/Kg

70 - 130

64 S1-

Client Sample ID: CS-30 Lab Sample ID: 890-2758-39

Date Collected: 08/16/22 08:00 Date Received: 08/16/22 08:29

o-Terphenyl

Method: SW846 8021B - Volatile Organic Compounds (GC) Analyte Result Qualifier RL **MDL** Unit D Prepared Analyzed Dil Fac Benzene < 0.00199 U 0.00199 08/23/22 15:06 08/28/22 15:06 mg/Kg <0.00199 U 08/28/22 15:06 Toluene 0.00199 mg/Kg 08/23/22 15:06 Ethylbenzene <0.00199 U 0.00199 mg/Kg 08/23/22 15:06 08/28/22 15:06 m-Xylene & p-Xylene <0.00398 U 0.00398 mg/Kg 08/23/22 15:06 08/28/22 15:06 o-Xylene <0.00199 U 0.00199 mg/Kg 08/23/22 15:06 08/28/22 15:06 Xylenes, Total <0.00398 U 0.00398 mg/Kg 08/23/22 15:06 08/28/22 15:06 %Recovery Qualifier Limits Dil Fac Surrogate Prepared Analyzed 70 - 130 08/23/22 15:06 08/28/22 15:06 4-Bromofluorobenzene (Surr) 112 1,4-Difluorobenzene (Surr) 99 70 - 130 08/23/22 15:06 08/28/22 15:06 **Method: TAL SOP Total BTEX - Total BTEX Calculation** Analyte Result Qualifier **MDL** Unit D RL Prepared Analyzed Dil Fac

<0.00398 U Total BTEX 08/29/22 13:26 0.00398 mg/Kg Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac 50.0 08/18/22 09:47 **Total TPH** 188 mg/Kg Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) Analyte Result Qualifier RL **MDL** Unit D Prepared Analyzed Dil Fac Gasoline Range Organics <50.0 U 50.0 08/18/22 09:14 08/18/22 14:18 mg/Kg

(GRO)-C6-C10 50.0 08/18/22 09:14 08/18/22 14:18 **Diesel Range Organics (Over** 188 mg/Kg C10-C28)

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Matrix: Solid

Job ID: 890-2758-1

Client: NT Global Project/Site: Smokey Bits SDG: Lea County

Client Sample ID: CS-30

Date Collected: 08/16/22 08:00 Date Received: 08/16/22 08:29

Lab Sample ID: 890-2758-39

Matrix: Solid

Method: SW846 8015B NM - [Diesel Range	Organics	(DRO) (GC)	(Continued	d)			
Analyte	Result	Qualifier	RL	MDL Un	nit D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg	g/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 Result Qualifier **MDL** Unit **Prepared** Analyzed Dil Fac Chloride 19.3 5.00 mg/Kg 08/24/22 23:14

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

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	
Toluene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:06	08/28/22 15:27	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:06	08/28/22 15:27	
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/23/22 15:06	08/28/22 15:27	
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:06	08/28/22 15:27	
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/23/22 15:06	08/28/22 15:27	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	125		70 - 130				08/23/22 15:06	08/28/22 15:27	
1,4-Difluorobenzene (Surr)	96		70 - 130				08/23/22 15:06	08/28/22 15:27	
Method: TAL SOP Total BTEX	- Total BTE	X Calculat	ion						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/29/22 13:26	
Method: SW846 8015 NM - Die	esel Range (Organics (DRO) (GC)						
Method: SW846 8015 NM - Die Analyte	_	Organics (Qualifier	DRO) (GC) RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
	_	•	, , ,	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 08/18/22 09:47	Dil Fa
Analyte	Result 265	Qualifier	RL 50.0	MDL		<u>D</u>	Prepared		
Analyte Total TPH	Result 265	Qualifier	RL 50.0			<u>D</u>	Prepared Prepared		
Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics	Result 265	Qualifier Organics Qualifier	RL 50.0 (DRO) (GC)		mg/Kg			08/18/22 09:47	
Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result 265 Diesel Range Result	Qualifier Organics Qualifier	70.0 (DRO) (GC) RL		mg/Kg Unit		Prepared 08/18/22 09:14	08/18/22 09:47 Analyzed	Dil Fa
Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result 265 Diesel Range Result <50.0	Qualifier Organics Qualifier U	RL 50.0 (GC) RL 50.0		mg/Kg Unit mg/Kg		Prepared 08/18/22 09:14 08/18/22 09:14	08/18/22 09:47 Analyzed 08/18/22 14:40	Dil Fa
Analyte Total TPH Method: SW846 8015B NM - D Analyte	Result 265 Diesel Range Result <50.0	Qualifier Organics Qualifier U	RL 50.0 (GC) RL 50.0 50.0		mg/Kg Unit mg/Kg mg/Kg		Prepared 08/18/22 09:14 08/18/22 09:14	08/18/22 09:47 Analyzed 08/18/22 14:40 08/18/22 14:40	Dil Fa
Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result 265 Diesel Range Result <50.0 265 <50.0	Qualifier Organics Qualifier U	RL 50.0 (GC) RL 50.0 50.0 50.0		mg/Kg Unit mg/Kg mg/Kg		Prepared 08/18/22 09:14 08/18/22 09:14	08/18/22 09:47 Analyzed 08/18/22 14:40 08/18/22 14:40 08/18/22 14:40	

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble Result Qualifier RL

Analyte **MDL** Unit **Prepared** Analyzed Dil Fac Chloride 17.7 5.00 mg/Kg 08/24/22 23:24

Client: NT Global

Job ID: 890-2758-1

Project/Site: Smokey Bits

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

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	
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	
m-Xylene & p-Xylene	< 0.00402	U	0.00402		mg/Kg		08/23/22 15:12	08/27/22 09:41	
o-Xylene	< 0.00201	U	0.00201		mg/Kg		08/23/22 15:12	08/27/22 09:41	
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/23/22 15:12	08/27/22 09:41	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				08/23/22 15:12	08/27/22 09:41	
1,4-Difluorobenzene (Surr)	87		70 - 130				08/23/22 15:12	08/27/22 09:41	•
Method: TAL SOP Total BTEX	- Total BTE	X Calculat	ion						
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	•
Method: SW846 8015 NM - Die	esel Range	Organics (DRO) (GC)						
Method: SW846 8015 NM - Die Analyte	_	Organics (Qualifier	DRO) (GC)	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	_	Qualifier	, , ,	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 08/18/22 09:47	
Analyte	Result <50.0	Qualifier U	RL 50.0	MDL		<u>D</u>	Prepared		Dil Fac
Analyte Total TPH Method: SW846 8015B NM - D Analyte	Result <50.0	Qualifier U	RL 50.0			<u>D</u>	Prepared Prepared		
Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics	Result <50.0	Qualifier U Organics Qualifier	RL 50.0 (DRO) (GC)		mg/Kg	_ =		08/18/22 09:47	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics (GRO)-C6-C10	Result <50.0 Diesel Range Result	Qualifier U Organics Qualifier U	50.0 (DRO) (GC) RL		mg/Kg Unit mg/Kg	_ =	Prepared 08/18/22 09:14	08/18/22 09:47 Analyzed	Dil Fa
Analyte Total TPH	Result <50.0 Diesel Range Result <50.0	Qualifier U Organics Qualifier U	RL 50.0 (GC) RL 50.0		mg/Kg	_ =	Prepared 08/18/22 09:14	08/18/22 09:47 Analyzed 08/18/22 15:02	Dil Fa
Analyte Total TPH Method: SW846 8015B NM - DANALYTE Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result <50.0 Diesel Range Result <50.0	Qualifier U Organics Qualifier U	RL 50.0 (GC) RL 50.0		mg/Kg Unit mg/Kg	_ =	Prepared 08/18/22 09:14 08/18/22 09:14	08/18/22 09:47 Analyzed 08/18/22 15:02	
Analyte Total TPH Method: SW846 8015B NM - DANALYTE Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result <50.0	Qualifier U Organics Qualifier U U	RL 50.0 (GC) RL 50.0		mg/Kg Unit mg/Kg mg/Kg	_ =	Prepared 08/18/22 09:14 08/18/22 09:14	08/18/22 09:47 Analyzed 08/18/22 15:02 08/18/22 15:02	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - DANALYTE Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result <50.0 Diesel Range Result <50.0 <50.0 <50.0 <50.0	Qualifier U Organics Qualifier U U	RL 50.0 (GC) RL 50.0 50.0 50.0		mg/Kg Unit mg/Kg mg/Kg	_ =	Prepared 08/18/22 09:14 08/18/22 09:14	08/18/22 09:47 Analyzed 08/18/22 15:02 08/18/22 15:02 08/18/22 15:02	Dil Fa

Client Sample ID: CS-33

Date Collected: 08/16/22 08:00

Lab Sample ID: 890-2758-42

Matrix: Solid

5.00

MDL Unit

mg/Kg

Prepared

Analyzed

08/25/22 02:07

Result Qualifier

51.0 F1 F2

Date Received: 08/16/22 08:29

Analyte

Chloride

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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Job ID: 890-2758-1

Client: NT Global Project/Site: Smokey Bits 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

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 - Di	esel 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	
O I' D O							00/40/00 00:44	00/40/00 45:04	
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		08/18/22 09:14	08/18/22 15:24	
(GRO)-C6-C10		U			0 0				1
0 0	<50.0 160	U	50.0		mg/Kg			08/18/22 15:24 08/18/22 15:24	
(GRO)-C6-C10 Diesel Range Organics (Over					0 0		08/18/22 09:14		
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	160	U	50.0		mg/Kg		08/18/22 09:14	08/18/22 15:24	Dil Fac
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	160 <50.0	U	50.0		mg/Kg		08/18/22 09:14 08/18/22 09:14	08/18/22 15:24 08/18/22 15:24 Analyzed	Dil Fa

Method: MCAWW 300.0 - Anion	s, Ion Chr	omatograp	hy - 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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:12	08/27/22 10:32	
Toluene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:12	08/27/22 10:32	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:12	08/27/22 10:32	
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/23/22 15:12	08/27/22 10:32	
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:12	08/27/22 10:32	
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/23/22 15:12	08/27/22 10:32	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	125		70 - 130				08/23/22 15:12	08/27/22 10:32	
1,4-Difluorobenzene (Surr)	102		70 - 130				08/23/22 15:12	08/27/22 10:32	
Method: TAL SOP Total BTE	X - Total BTE		ion			_			
Method: TAL SOP Total BTE Analyte	X - Total BTE	Qualifier		MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 08/29/22 13:26	Dil Fa
Method: TAL SOP Total BTE Analyte Total BTEX Method: SW846 8015 NM - E	EX - Total BTE Result <	Qualifier U Organics (RL 0.00399		mg/Kg	— -	Prepared	Analyzed 08/29/22 13:26	
Method: TAL SOP Total BTE Analyte Total BTEX Method: SW846 8015 NM - E Analyte	Result Control of the control of	Qualifier U	RL 0.00399 DRO) (GC) RL		mg/Kg Unit	<u>D</u>		Analyzed 08/29/22 13:26 Analyzed	
Method: TAL SOP Total BTE Analyte Total BTEX Method: SW846 8015 NM - DAI Analyte Total TPH Method: SW846 8015B NM -	EX - Total BTE Result <0.00399 Diesel Range (Result 182 Diesel Range	Qualifier U Organics (Qualifier Organics	DRO) (GC) RL 49.9	MDL	mg/Kg Unit mg/Kg	<u></u> <u>D</u>	Prepared Prepared	Analyzed 08/29/22 13:26 Analyzed 08/18/22 09:47	Dil F
Method: TAL SOP Total BTE Analyte Total BTEX Method: SW846 8015 NM - December 1998 Method: SW846 8015 NM - December 1998 Method: SW846 8015 NM - Analyte Analyte	Result Oiesel Range (Result 182) Diesel Range (Result 182) Diesel Range (Result 182)	Qualifier U Organics (Qualifier Organics Qualifier Qualifier	DRO) (GC) RL 49.9 (DRO) (GC) RL RL	MDL	mg/Kg Unit mg/Kg Unit	— -	Prepared Prepared	Analyzed 08/29/22 13:26 Analyzed 08/18/22 09:47 Analyzed	Dil Fa
Method: TAL SOP Total BTE Analyte Total BTEX Method: SW846 8015 NM - E Analyte Total TPH	Result Oiesel Range (Result 182) Diesel Range (Result 182) Diesel Range (Result 182)	Qualifier U Organics (Qualifier Organics Qualifier Qualifier	DRO) (GC) RL 49.9	MDL	mg/Kg Unit mg/Kg	<u></u> <u>D</u>	Prepared Prepared	Analyzed 08/29/22 13:26 Analyzed 08/18/22 09:47	Dil F

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

Job ID: 890-2758-1

SDG: Lea County

Client Sample ID: CS-34

Project/Site: Smokey Bits

Client: NT Global

Date Collected: 08/16/22 08:00 Date Received: 08/16/22 08:29

Lab Sample ID: 890-2758-43

Matrix: Solid

Method: SW846 8015B NM - D	iesel Range	Organics	(DRO) (GC)	(Continued)				
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Oll 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 Result Qualifier **MDL** Unit Prepared Analyzed Dil Fac Chloride 68.6 4.99 mg/Kg 08/25/22 02:38

Client Sample ID: CS-35 Lab Sample ID: 890-2758-44 Date Collected: 08/16/22 08:00

Date Received: 08/16/22 08:29

Matrix: Solid

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
1 Dramafluarahan-ana (Cum)	100		70 120				00/00/00 45:40	00/07/00 40-50	

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
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Method: IAL SUP Total BTEX -	lotal BIE	X Calculatio	n						
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 - Die	sel Range Organics (DI	RO) (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

Mothod: CW046 9045D NM F	Vicasi Danas	Organiaa	(DBO) (CC)						
Method: SW846 8015B NM - E Analyte		Qualifier	(DRO) (GC)	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
Oll 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 - Anio	ns, Ion Chr	omatograp	hy - 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 Job ID: 890-2758-1 Project/Site: Smokey Bits 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

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 BTE	X - Total BTE	X Calculat	ion						
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 - E)iesel Range (Organics (DRO) (GC)						
Analyte	_	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
Oll 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 - Ar	ions, Ion Chr	omatograp	ohy - 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

Lab Sample ID: 890-2758-46 **Client Sample ID: CS-37** Date Collected: 08/16/22 08:00 **Matrix: Solid**

Date Received: 08/16/22 08:29

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

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 RL**MDL** Unit Analyte Result Qualifier D Prepared Analyzed Dil Fac Total BTEX <0.00399 U 0.00399 08/29/22 13:26 mg/Kg Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Result Qualifier **MDL** Unit D Dil Fac Analyte Prepared Analyzed **Total TPH** 1450 50.0 08/18/22 09:47 mg/Kg

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) Result Qualifier **MDL** Unit D Dil Fac Analyte RL Prepared Analyzed <50.0 U 50.0 08/18/22 09:14 08/18/22 17:41 Gasoline Range Organics mg/Kg (GRO)-C6-C10 **Diesel Range Organics (Over** 1220 50.0 mg/Kg 08/18/22 09:14 08/18/22 17:41 C10-C28) **Oll Range Organics (Over** 50.0 mg/Kg 08/18/22 09:14 08/18/22 17:41 232 C28-C36)

%Recovery Qualifier Limits Dil Fac Surrogate Prepared Analyzed 70 - 130 08/18/22 09:14 08/18/22 17:41 1-Chlorooctane 76 o-Terphenyl 72 70 - 130 08/18/22 09:14 08/18/22 17:41

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier RL **MDL** Unit D Prepared Dil Fac Analyzed Chloride 80.4 4.97 mg/Kg 08/25/22 03:18

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) **MDL** Unit Analyte Result Qualifier RI D Prepared Analyzed Dil Fac Benzene <0.00202 U 0.00202 mg/Kg 08/23/22 15:12 08/27/22 12:16 Toluene <0.00202 U 0.00202 mg/Kg 08/23/22 15:12 08/27/22 12:16 Ethylbenzene <0.00202 U 0.00202 mg/Kg 08/23/22 15:12 08/27/22 12:16 m-Xylene & p-Xylene <0.00403 U 0.00403 mg/Kg 08/23/22 15:12 08/27/22 12:16 08/23/22 15:12 08/27/22 12:16 o-Xylene <0.00202 U 0.00202 mg/Kg Xylenes, Total <0.00403 U 0.00403 mg/Kg 08/23/22 15:12 08/27/22 12:16 Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 4-Bromofluorobenzene (Surr) 125 70 - 130 08/23/22 15:12 08/27/22 12:16 83 1,4-Difluorobenzene (Surr) 70 - 130 08/23/22 15:12 08/27/22 12:16

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

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC) Analyte Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac **Total TPH** 49.9 08/18/22 09:47 1060 mg/Kg

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) Result Qualifier Analyte RL MDL Unit Prepared Analyzed Dil Fac <49.9 U 49.9 08/18/22 09:14 08/18/22 18:03 Gasoline Range Organics mg/Kg (GRO)-C6-C10

Job ID: 890-2758-1

SDG: Lea County

Client Sample ID: CS-38

Project/Site: Smokey Bits

Date Collected: 08/16/22 08:00 Date Received: 08/16/22 08:29

Sample Depth: 7'

Client: NT Global

Lab Sample ID: 890-2758-47

Matrix: Solid

Method: SW846 8015B NM -	Diesel Range	Organics	(DRO) (GC)	(Contin	ued)				
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
Oll 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 Result Qualifier MDL Unit Prepared Analyzed Dil Fac Chloride 55.5 4.95 08/25/22 03:25 mg/Kg

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

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: IAL SUP Total BTEX	- lotal BIE	x Calculat	ion						
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 - Die:	sel Range C	Organics (D	RO) (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

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
Oll 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 1-Chlorooctane 68 S1-70 - 130 08/18/22 09:14 08/18/22 18:25 o-Terphenyl 68 S1-70 - 130 08/18/22 09:14 08/18/22 18:25

Client: NT Global Job ID: 890-2758-1 Project/Site: Smokey Bits 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 - Anio	ns, Ion Chr	omatogra	hy - 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

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

Method: SW846 8015 NM - Die:	sel Range Organics (DF	RO) (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 - L	Diesel Range	e 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
Oll 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

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Method: MCAWW 300.0 - Anio	ns, Ion Chromatograph	ıy - 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	Compound	ds (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

Client Sample Results

Client: NT Global Job ID: 890-2758-1 Project/Site: Smokey Bits SDG: Lea County

Client Sample ID: CS-41

Date Collected: 08/16/22 08:00 Date Received: 08/16/22 08:29

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

Lab Sample ID: 890-2758-50

Matrix: Solid

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 BTE	X Calculat	ion						
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 - Die:	sel 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 - D	iesel Range	Organics	s (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
Oll 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

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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 - Anio	ns, Ion Chr	omatograp	hy - Soluble			

Analyte	Result	Qualitier	KL	MDL	Unit	ט	Prepared	Analyzea	DII Fac
Chloride	56.5		4.96		mg/Kg			08/25/22 03:49	1
Client Sample ID: CS-42						1:	ah Sampl	e ID: 890-27	58-51

Date Collected: 08/16/22 08:00 **Matrix: Solid** Date Received: 08/16/22 08:29

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 BT	EX - Total BTE	X Calculat	ion						
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	

Job ID: 890-2758-1

08/18/22 09:14 08/18/22 19:31

Client: NT Global Project/Site: Smokey Bits 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

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 - I	Diesal Pange	Organics (DBO) (GC)						
Mictilioa. Office of IOD INN -	Diesei italige	, Organics (
Analyte	_	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	_	Qualifier		MDL	Unit mg/Kg	<u>D</u>		Analyzed 08/18/22 19:31	Dil Fac
Analyte	Result	Qualifier	RL	MDL		<u>D</u>			Dil Fac

١							
	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

50.0

mg/Kg

<50.0 U

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble										
	Analyte	Result	Qualifier	RL N	1DL	Unit	D	Prepared	Analyzed	Dil Fac
	Chloride	71.0		4.97		mg/Kg			08/25/22 03:57	1

Lab Sample ID: 890-2758-52 **Client Sample ID: CS-43**

Date Collected: 08/16/22 08:00 **Matrix: Solid**

Date Received: 08/16/22 08:29

Oll Range Organics (Over C28-C36)

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

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

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
Oll 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

Eurofins Carlsbad

11/16/2022 (Rev. 1)

Job ID: 890-2758-1

Client: NT Global Project/Site: Smokey Bits

SDG: Lea County

Client Sample ID: CS-43

Lab Sample ID: 890-2758-52

Matrix: Solid

Date Collected: 08/16/22 08:00 Date Received: 08/16/22 08:29

Method: SW846 8015B NM - I	Diesel Range Organics	(DRO) (GC) (Continued)
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Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	81	70 - 130	08/18/22 09:14	08/18/22 19:53	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1090		4.95		mg/Kg			08/25/22 04:20	1

Lab Sample ID: 890-2758-53 Client Sample ID: CS-44 Date Collected: 08/16/22 08:00 **Matrix: Solid**

Date Received: 08/16/22 08:29

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	

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/ł	(g		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	<50.0	U	50.0		mg/Kg		08/18/22 09:14	08/18/22 20:15	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		08/18/22 09:14	08/18/22 20:15	1
C10-C28)									
Oll 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-Terphenvl	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	

Matrix: Solid

Lab Sample ID: 890-2758-54

Client Sample Results

Client: NT Global Job ID: 890-2758-1
Project/Site: Smokey Bits SDG: Lea County

Client Sample ID: CS-38

Date Collected: 08/16/22 08:00 Date Received: 08/16/22 08:29

Sample Depth: 7.5'

Chloride

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	,
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	127		70 - 130				08/23/22 15:12	08/27/22 16:39	-
1,4-Difluorobenzene (Surr)	102		70 - 130				08/23/22 15:12	08/27/22 16:39	1
Method: TAL SOP Total BTEX	(- Total BTE	X Calculat	ion						
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 - Di Analyte	esel Range (Organics (Qualifier	DRO) (GC)	MDL	Unit		Prepared	Analyzed	Dil Fac
Method: SW846 8015 NM - Di Analyte	esel Range (Organics (Qualifier	DRO) (GC)	MDL		D	Prepared		
Method: SW846 8015 NM - Di Analyte Total TPH	esel Range (Result <49.9	Organics (Qualifier	DRO) (GC) RL 49.9	MDL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
Method: SW846 8015 NM - Di Analyte Total TPH Method: SW846 8015B NM - I	esel Range (Result <49.9	Organics (Qualifier	DRO) (GC) RL 49.9		Unit	<u>D</u>	Prepared Prepared	Analyzed	
Method: SW846 8015 NM - Di Analyte Total TPH Method: SW846 8015B NM - I Analyte Gasoline Range Organics	esel Range (Result <49.9	Organics (Qualifier U Organics Qualifier Qualifier	DRO) (GC) RL 49.9 (DRO) (GC)		Unit mg/Kg		<u> </u>	Analyzed 08/18/22 09:47	1
Method: SW846 8015 NM - Di Analyte Total TPH Method: SW846 8015B NM - I Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	esel Range (Result <49.9	Organics (Qualifier U Organics Qualifier U*1	DRO) (GC) RL 49.9 (DRO) (GC) RL		Unit mg/Kg		Prepared 08/19/22 13:54	Analyzed 08/18/22 09:47 Analyzed	Dil Fac
Method: SW846 8015 NM - Di Analyte Total TPH Method: SW846 8015B NM - I Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	esel Range (Result < 49.9 Company (April 1998) Diesel Range (Result < 49.9 Company (April 1998) Result Re	Organics (Qualifier U Organics Qualifier U*1	DRO) (GC) RL 49.9 (DRO) (GC) RL 49.9		Unit mg/Kg Unit mg/Kg		Prepared 08/19/22 13:54 08/19/22 13:54	Analyzed 08/18/22 09:47 Analyzed 08/19/22 22:43	Dil Fac
Method: SW846 8015 NM - Di Analyte Total TPH Method: SW846 8015B NM - I Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	esel Range Result <49.9 Diesel Range Result <49.9 <49.9	Organics (Qualifier U Organics Qualifier U*1 U	DRO) (GC) RL 49.9 (DRO) (GC) RL 49.9 49.9		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 08/19/22 13:54 08/19/22 13:54	Analyzed 08/18/22 09:47 Analyzed 08/19/22 22:43 08/19/22 22:43	Dil Fac
Method: SW846 8015 NM - Di Analyte Total TPH Method: SW846 8015B NM - I Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	esel Range Result <49.9 Diesel Range Result <49.9 <49.9	Organics (Qualifier U Organics Qualifier U*1 U	DRO) (GC) RL 49.9 (DRO) (GC) RL 49.9 49.9		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 08/19/22 13:54 08/19/22 13:54	Analyzed 08/18/22 09:47 Analyzed 08/19/22 22:43 08/19/22 22:43 08/19/22 22:43	Dil Fac
Method: SW846 8015 NM - Di Analyte Total TPH Method: SW846 8015B NM - I Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	esel Range (Result (49.9) Diesel Range (Result (49.9) (49.9) (49.9) (49.9) (65)	Organics (Qualifier U Organics Qualifier U*1 U Qualifier	DRO) (GC) RL 49.9 (DRO) (GC) RL 49.9 49.9 49.9 Limits		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 08/19/22 13:54 08/19/22 13:54 08/19/22 13:54 Prepared 08/19/22 13:54	Analyzed 08/18/22 09:47 Analyzed 08/19/22 22:43 08/19/22 22:43 Analyzed	Dil Fa
Method: SW846 8015 NM - Di Analyte Total TPH Method: SW846 8015B NM - I Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result	Organics (Qualifier U Organics Qualifier U*1 U Qualifier S1- S1-	DRO) (GC) RL 49.9 (DRO) (GC) RL 49.9 49.9 49.9 Limits 70 - 130 70 - 130		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 08/19/22 13:54 08/19/22 13:54 08/19/22 13:54 Prepared 08/19/22 13:54	Analyzed 08/18/22 09:47 Analyzed 08/19/22 22:43 08/19/22 22:43 Analyzed 08/19/22 22:43	Dil Fac

5.01

mg/Kg

50.9

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08/25/22 04:52

Client: NT Global Job ID: 890-2758-1
Project/Site: Smokey Bits SDG: Lea County

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

-			Percent Surregate Percycly (Accentence Limite)	
		BFB1	Percent Surrogate Recovery (Acceptance Limits) DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(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	
390-2758-7	SW-7	98	102	
390-2758-8	SW-8	100	99	
390-2758-9	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	
390-2758-18	CS-9	90	107	
390-2758-19	CS-10	95	107	
390-2758-20	CS-10	100	109	
390-2758-21	CS-11	95	70	
890-2758-21 MS	CS-12	153 S1+	99	
890-2758-21 MSD	CS-12	122	107	
390-2758-21 W3D	CS-12	113	93	
390-2758-23	CS-13 CS-14	132 S1+	93 76	
390-2758-24	CS-14 CS-15			
890-2758-25	CS-16	103 107	78 87	
390-2758-26	CS-10	96	75	
390-2758-27				
	CS-18	111	94	
890-2758-28	CS-19	138 S1+	83	
890-2758-29	CS-20	118	81	
390-2758-30	CS-21	110	90	
390-2758-31	CS-22	108	92	
390-2758-32	CS-23	101	80	
390-2758-33	CS-24	108	93	
390-2758-34	CS-25	102	85	
390-2758-35	CS-26	110	96	
390-2758-36	CS-27	99	89	
390-2758-37	CS-28	117	84	
390-2758-38	CS-29	110	98	
390-2758-39	CS-30	112	99	
390-2758-40	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	
390-2758-42	CS-33	117	99	
890-2758-43	CS-34	125	102	

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Client: NT Global Job ID: 890-2758-1 Project/Site: Smokey Bits SDG: Lea County

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

Matrix: Solid Prep Type: Total/NA

				Surrogate Recovery (Acceptance Limits)
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(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	

BFB = 4-Bromofluorobenzene (Surr) DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid Prep Type: Total/NA

			Percent Surrog	gate Recovery (Acceptance Limits)
		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(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	

Client: NT Global Job ID: 890-2758-1
Project/Site: Smokey Bits SDG: Lea County

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

Matrix: Solid Prep Type: Total/NA

Matrix: Solid				Prep Type: Tot
		4004		nt Surrogate Recovery (Acceptance Limits)
	011 10 1 15	1CO1	OTPH1	
Lab Sample ID 890-2758-17	Client Sample ID CS-8	<u>(70-130)</u>	(70-130) 101	
390-2758-18	CS-9			
		99 07	86	
90-2758-19	CS-10	97	83	
390-2758-20	CS-11	101	90	
390-2758-21	CS-12	100	89	
90-2758-22	CS-13	99	88	
90-2758-23	CS-14	115	102	
90-2758-24	CS-15	105	92	
90-2758-25	CS-16	124	117	
90-2758-26	CS-17	121	113	
90-2758-27	CS-18	120	115	
90-2758-28	CS-19	125	118	
90-2758-29	CS-20	119	108	
90-2758-30	CS-21	136 S1+	132 S1+	
90-2758-31	CS-22	125	118	
90-2758-32	CS-23	110	95	
90-2758-33	CS-24	104	93	
90-2758-34	CS-25	130	106	
90-2758-35	CS-26	114	98	
90-2758-36	CS-27	99	88	
90-2758-37	CS-28	80	80	
90-2758-38	CS-29	72	64 S1-	
90-2758-39	CS-30	85	83	
90-2758-40	CS-31	84	77	
90-2758-41	CS-32	71	71	
90-2758-42	CS-33	65 S1-	62 S1-	
90-2758-43	CS-34	57 S1-	55 S1-	
90-2758-44	CS-35	71	69 S1-	
90-2758-45	CS-36	78	76	
90-2758-46	CS-37	76	72	
90-2758-47	CS-38	66 S1-	63 S1-	
90-2758-48	CS-39	68 S1-	68 S1-	
90-2758-49	CS-40	71	68 S1-	
90-2758-50	CS-41	63 S1-	61 S1-	
90-2758-51	CS-42	79	75	
90-2758-52	CS-43	83	7.5 81	
90-2758-52 90-2758-53	CS-44		82	
		81 65.51		
90-2758-54	CS-38	65 S1-	63 S1-	
90-2760-A-1-G MS	Matrix Spike	100	91	
90-2760-A-1-H MSD	Matrix Spike Duplicate	103	78	
90-2760-A-4-E MS	Matrix Spike	69 S1-	61 S1-	
90-2760-A-4-F MSD	Matrix Spike Duplicate	78	69 S1-	
90-2762-A-21-C MS	Matrix Spike	64 S1-	56 S1-	
90-2762-A-21-D MSD	Matrix Spike Duplicate	70	60 S1-	
CS 880-32365/2-A	Lab Control Sample	105	104	
CS 880-32394/2-A	Lab Control Sample	93	84	
CS 880-32395/2-A	Lab Control Sample	93	91	
CS 880-32517/2-A	Lab Control Sample	111	107	
CSD 880-32365/3-A	Lab Control Sample Dup	106	98	
.CSD 880-32394/3-A	Lab Control Sample Dup	104	106	

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Job ID: 890-2758-1 Client: NT Global Project/Site: Smokey Bits SDG: Lea County

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

Matrix: Solid Prep Type: Total/NA

			Perce	nt Surrogate Recovery (Acceptance Limits)
		1001	OTPH1	
Lab Sample ID	Client Sample ID	(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				

Job ID: 890-2758-1 Client: NT Global Project/Site: Smokey Bits 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

	MB	MB							
Analyte	Result	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
	MD	MD							

MB MB

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed
4-Bromofluorobenzene (Surr)	84	70 - 130	08/20/22 16:19	08/26/22 19:52
1,4-Difluorobenzene (Surr)	81	70 - 130	08/20/22 16:19	08/26/22 19:52

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

Prep Batch: 32788

Matrix: Solid

Analysis Batch: 33109

Lab Sample ID: MB 880-32788/5-A

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:02	08/28/22 01:16	
Toluene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:02	08/28/22 01:16	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:02	08/28/22 01:16	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/23/22 15:02	08/28/22 01:16	
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/23/22 15:02	08/28/22 01:16	
Xylenes, Total	< 0.00400	U	0.00400		mg/Kg		08/23/22 15:02	08/28/22 01:16	

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared Ana	alyzed	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

_	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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	

LCS LCS

Surrogate	%Recovery Qualifier	r Limits
4-Bromofluorobenzene (Surr)	96	70 - 130
1,4-Difluorobenzene (Surr)	99	70 - 130

Lab Sample ID: LCSD 880-32788/2-A	mple ID: LCSD 880-32788/2-A Client Sample ID: Lab Control Sample					e Dup			
Matrix: Solid	Prep Type: Total/NA							al/NA	
Analysis Batch: 33109							Prep E	Batch: 3	32788
	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.1010		mg/Kg		101	70 - 130	3	35

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Dil Fac

QC Sample Results

Client: NT Global Job ID: 890-2758-1 Project/Site: Smokey Bits 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

LCSD LCSD Spike %Rec **RPD** Analyte Added Result Qualifier Unit D %Rec Limits RPD Limit Toluene 0.100 0.1022 mg/Kg 102 70 - 130 6 35 0.100 Ethylbenzene 0.1001 mg/Kg 100 70 - 130 7 35 m-Xylene & p-Xylene 0.200 0.1832 mg/Kg 92 70 - 130 7 35 0.100 35 o-Xylene 0.09618 mg/Kg 96 70 - 130

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 890-2758-1 MS Client Sample ID: SW-1

Analysis Batch: 33109

Matrix: Solid Prep Type: Total/NA Prep Batch: 32788

Sample Sample Spike MS MS %Rec Result Qualifier Analyte Added Result Qualifier D %Rec Limits Unit Benzene <0.00201 U F1 F2 0.0998 0.08428 84 70 - 130 mg/Kg Toluene <0.00201 UF1F2 0.0998 0.09301 mg/Kg 92 70 - 130 Ethylbenzene <0.00201 UF1F2 0.0998 0.09202 mg/Kg 92 70 - 130 m-Xylene & p-Xylene <0.00402 U F1 F2 0.200 84 70 - 130 0.1692 mg/Kg o-Xylene <0.00201 UF1 0.0998 0.08826 mg/Kg 88 70 - 130

MS MS

Surrogate	%Recovery Qualitier	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

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	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

MSD MSD

Surrogate	%Recovery Qualifier	r 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

MB MB

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 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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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

MB MB

Client Sample ID: Method Blank
Pren Type: Total/NA

08/23/22 15:06 08/28/22 01:20

08/23/22 15:06 08/28/22 01:20

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32789

Analyte	Result	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
	MB	MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

70 - 130

70 - 130

Lab Sample ID: LCS 880-32789/1-A

4-Bromofluorobenzene (Surr)

1,4-Difluorobenzene (Surr)

Client Sample ID: Lab Control Sample Matrix: Solid Prep Type: Total/NA Analysis Batch: 33108 Prep Batch: 32789

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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	

LCS LCS

87

Surrogate	%Recovery 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 Ratch: 33108

Analysis Batch: 33108							Prep E	satcn: 3	32/89
	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%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

LCSD LCSD

Surrogate	%Recovery	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

ample ID: CS-12	
p Type: Total/NA	
ep Batch: 32789	

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%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	

Client: NT Global

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

Project/Site: Smokey Bits

Client Sample ID: CS-12

Prep Type: Total/NA Prep Batch: 32789

MS MS

%Recovery Qualifier Limits Surrogate 4-Bromofluorobenzene (Surr) 153 S1+ 70 - 130 1,4-Difluorobenzene (Surr) 99 70 - 130

Client Sample ID: CS-12 Lab Sample ID: 890-2758-21 MSD

Matrix: Solid Prep Type: Total/NA **Analysis Batch: 33108** Prep Batch: 32789

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	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

MSD MSD %Recovery Qualifier Surrogate Limits 4-Bromofluorobenzene (Surr) 122 70 - 130 70 - 130 1,4-Difluorobenzene (Surr) 107

Lab Sample ID: MB 880-32794/5-A

Lab Sample ID: LCS 880-32794/1-A

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Matrix: Solid

Matrix: Solid

m-Xylene & p-Xylene

o-Xylene

Analysis Batch: 33042

Analysis Batch: 33042

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

Prep Batch: 32794

	MB	МВ							
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 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

MB MB Qualifier Surrogate %Recovery

Limits 86 70 - 130 4-Bromofluorobenzene (Surr) 70 - 130 1,4-Difluorobenzene (Surr) 86

08/23/22 15:12 08/27/22 09:15 **Client Sample ID: Lab Control Sample**

70 - 130

70 - 130

08/23/22 15:12 08/27/22 09:15

Prepared

109

121

Prep Type: Total/NA Prep Batch: 32794

Analyzed

Spike LCS LCS %Rec **Analyte** Added Result Qualifier Unit D %Rec Limits Benzene 0.100 0.1059 mg/Kg 106 70 - 130 Toluene 0.100 0.1116 mg/Kg 70 - 130 112 Ethylbenzene 0.100 0.1064 mg/Kg 106 70 - 130

0.200

0.100

0.2175

0.1211

mg/Kg

mg/Kg

LCS LCS Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 121 70 - 130

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Dil Fac

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

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

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 **RPD** Added Result Qualifier Limits RPD Limit **Analyte** Unit D %Rec Benzene 0.100 0.09233 mg/Kg 92 70 - 130 14 35 mg/Kg Toluene 0.100 0.09434 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 70 - 130 14 35 95 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

MS MS %Rec Sample Sample Spike Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits Benzene <0.00201 U 0.100 0.08928 89 70 - 130 mg/Kg Toluene 97 <0.00201 U 0.100 0.09755 mg/Kg 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 93 70 - 130 mg/Kg 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		RPD
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 Quality	fier Limits
4-Bromofluorobenzene (Surr)	109	70 - 130
1,4-Difluorobenzene (Surr)	100	70 - 130

Client: NT Global Job ID: 890-2758-1 Project/Site: Smokey Bits 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

	MB	MB							
Analyte	Result	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

MB MB

<50.0 U

Surrogate	%Recovery	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

MB MB Result Qualifier Analyte RL **MDL** Unit Prepared Analyzed Dil Fac Gasoline Range Organics <50.0 U 50.0 mg/Kg 08/17/22 14:23 08/17/22 20:35 (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U 50.0 mg/Kg 08/17/22 14:23 08/17/22 20:35 C10-C28)

50.0

mg/Kg

Oll Range Organics (Over C28-C36)

MB MB

Surrogate	%Recovery	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

Client Sample ID: Lab Control Sample Dup

08/17/22 14:23 08/17/22 20:35

Prep Type: Total/NA

Prep Batch: 32365

Spike LCS LCS %Rec Added Limits Result Qualifier D %Rec Analyte Unit 70 - 130 Gasoline Range Organics 1000 898.5 mg/Kg 90 (GRO)-C6-C10 Diesel Range Organics (Over 1000 1028 mg/Kg 103 70 - 130

C10-C28)

LCS LCS

Surrogate	%Recovery	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

Gasoline Range Organics

						Prep Ty	pe: Tot	al/NA		
						Prep Batch: 3236				
Spike	LCSD	LCSD				%Rec		RPD		
Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit		
1000	862.0		mg/Kg		86	70 - 130	4	20		

(GRO)-C6-C10

Analyte

QC Sample Results

Client: NT Global Job ID: 890-2758-1 Project/Site: Smokey Bits SDG: Lea County

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

Lab Sample ID: LCSD 880-32365/3-A

Analysis Batch: 32193

Client Sample ID: Lab Control Sample Dup **Matrix: Solid** Prep Type: Total/NA Prep Batch: 32365

LCSD LCSD %Rec **RPD** Spike Added Result Qualifier Unit %Rec Limits RPD Limit Diesel Range Organics (Over 1000 963.5 mg/Kg 96 70 - 130 20

C10-C28)

LCSD LCSD Qualifier Surrogate %Recovery Limits 1-Chlorooctane 106 70 - 130 o-Terphenyl 98 70 - 130

Lab Sample ID: 890-2758-1 MS Client Sample ID: SW-1 Prep Type: Total/NA

Matrix: Solid

Analysis Batch: 32193

Prep Batch: 32365 Sample Sample Spike MS MS %Rec Result Qualifier Result Qualifier **Analyte** Added %Rec Limits Unit D Gasoline Range Organics <49.9 U 999 1080 104 70 - 130 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <49.9 U 999 1153 mg/Kg 114 70 - 130

C10-C28)

MS MS Surrogate Qualifier Limits %Recovery 70 - 130 1-Chlorooctane 109 o-Terphenyl 86 70 - 130

Lab Sample ID: 890-2758-1 MSD

Client Sample ID: SW-1 **Matrix: Solid** Prep Type: Total/NA **Analysis Batch: 32193** Prep Batch: 32365 MSD MSD %Rec Sample Sample Spike **RPD**

Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits **RPD** Limit Gasoline Range Organics <49.9 U 998 1097 mg/Kg 106 70 - 130 2 20 (GRO)-C6-C10 998 Diesel Range Organics (Over <49.9 U 1179 mg/Kg 116 70 - 13020

C10-C28)

MSD MSD Surrogate %Recovery Qualifier Limits 1-Chlorooctane 99 70 - 130 o-Terphenyl 86 70 - 130

Lab Sample ID: MB 880-32394/1-A

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Matrix: Solid

Analysis Batch: 32384

Client Sample ID: Method Blank Prep Type: Total/NA Prep Batch: 32394

MB MB Result Qualifier RL **MDL** Unit Analyte Prepared Analyzed Dil Fac Gasoline Range Organics <50.0 U 50.0 mg/Kg 08/18/22 09:11 08/18/22 10:40 (GRO)-C6-C10 50.0 08/18/22 09:11 08/18/22 10:40 <50.0 U mg/Kg Diesel Range Organics (Over C10-C28) <50.0 U 50.0 Oll Range Organics (Over C28-C36) mg/Kg 08/18/22 09:11 08/18/22 10:40

MB MB

Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 1-Chlorooctane 98 70 - 130 08/18/22 09:11 08/18/22 10:40 90 70 - 130 08/18/22 09:11 08/18/22 10:40 o-Terphenyl

Client: NT Global Job ID: 890-2758-1 Project/Site: Smokey Bits SDG: Lea County

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

Lab Sample ID: LCS 880-32394/2-A

Lab Sample ID: LCSD 880-32394/3-A

Matrix: Solid

Analysis Batch: 32384

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32394 %Rec %Rec Limits D

Spike LCS LCS Added Result Qualifier Analyte Unit Gasoline Range Organics 1000 1108 mg/Kg 111 70 - 130 (GRO)-C6-C10 1000 813.9 Diesel Range Organics (Over mg/Kg 81 70 - 130C10-C28)

Matrix: Solid

Analysis Batch: 32384

LCS LCS Surrogate %Recovery Qualifier Limits 70 - 130 1-Chlorooctane 93 70 - 130 o-Terphenyl 84

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32394 %Rec **RPD**

LCSD LCSD Spike Added Result Qualifier Limits **RPD** Limit Analyte Unit D %Rec 1000 1015 101 70 - 130 9 20 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 1000 1025 *1 mg/Kg 102 70 - 130 23 20 C10-C28)

LCSD LCSD %Recovery Qualifier Surrogate Limits 1-Chlorooctane 104 70 - 130 o-Terphenyl 106 70 - 130

Client Sample ID: Matrix Spike Lab Sample ID: 890-2760-A-1-G MS

Matrix: Solid

Analysis Batch: 32384

Prep Type: Total/NA Prep Batch: 32394

%Rec

Spike MS MS Sample Sample Result Qualifier Added Unit %Rec Limits Analyte Result Qualifier Ū 999 70 - 130 Gasoline Range Organics <49.9 1270 125 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <49.9 U *1 999 1207 121 70 - 130 mg/Kg C10-C28)

MS MS Surrogate %Recovery Qualifier Limits 1-Chlorooctane 100 70 - 130 70 - 130 o-Terphenyl 91

Lab Sample ID: 890-2760-A-1-H MSD **Client Sample ID: Matrix Spike Duplicate**

Matrix: Solid

Analysis Batch: 32384

Prep Type: Total/NA

Prep Batch: 32394

Sample Sample Spike MSD MSD %Rec **RPD** Result Qualifier Added Limits RPD Limit Analyte Result Qualifier Unit %Rec D Gasoline Range Organics <49.9 U 998 1117 mg/Kg 109 70 - 130 13 20 (GRO)-C6-C10 <49.9 U*1 998 1069 mg/Kg 107 70 - 130 20 Diesel Range Organics (Over 12 C10-C28)

MSD MSD

%Recovery Qualifier Surrogate Limits 1-Chlorooctane 70 - 130 103

Client: NT Global Job ID: 890-2758-1 Project/Site: Smokey Bits SDG: Lea County

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

MSD MSD

Lab Sample ID: 890-2760-A-1-H MSD Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Analysis Batch: 32384

Prep Type: Total/NA

Prep Batch: 32394

Surrogate %Recovery Qualifier 78

o-Terphenyl

Limits 70 - 130

Lab Sample ID: MB 880-32395/1-A **Client Sample ID: Method Blank**

Matrix: Solid

Analysis Batch: 32386

Prep Type: Total/NA

Prep Batch: 32395

MB MB Result Qualifier **MDL** Unit Analyte RL Prepared Analyzed Dil Fac 08/18/22 09:14 08/18/22 10:40 Gasoline Range Organics <50.0 U 50.0 mg/Kg (GRO)-C6-C10 50.0 08/18/22 09:14 08/18/22 10:40 Diesel Range Organics (Over <50.0 U mg/Kg C10-C28) 50.0 08/18/22 09:14 08/18/22 10:40 Oll Range Organics (Over C28-C36) <50.0 U mg/Kg

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130	08/18/22 09:14 08/18/22 10:40	1
o-Terphenyl	77		70 - 130	08/18/22 09:14 08/18/22 10:40	1

Lab Sample ID: LCS 880-32395/2-A **Client Sample ID: Lab Control Sample**

Matrix: Solid

Analysis Batch: 32386

Prep Type: Total/NA Prep Batch: 32395 LCS LCS %Rec

Spike Added Result Qualifier Limits Analyte Unit D %Rec Gasoline Range Organics 1000 962.0 mg/Kg 96 70 - 130 (GRO)-C6-C10 Diesel Range Organics (Over 1000 835.3 mg/Kg 84 70 - 130 C10-C28)

LCS LCS Surrogate %Recovery Qualifier Limits 1-Chlorooctane 70 - 130 93 o-Terphenyl 91 70 - 130

Lab Sample ID: LCSD 880-32395/3-A Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Analysis Batch: 32386

Prep Type: Total/NA Prep Batch: 32395

Spike LCSD LCSD %Rec **RPD** RPD Added Result Qualifier Limits Limit Analyte Unit %Rec 1000 875.0 88 70 - 130 20 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 1000 851.5 mg/Kg 85 70 - 130 2 20

C10-C28)

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	95		70 - 130
o-Terphenyl	92		70 - 130

Prep Type: Total/NA

Prep Type: Total/NA

Client Sample ID: Matrix Spike Duplicate

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32517

Prep Type: Total/NA

Client: NT Global Job ID: 890-2758-1 Project/Site: Smokey Bits SDG: Lea County

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

Lab Sample ID: 890-2760-A-4-E MS **Client Sample ID: Matrix Spike**

Matrix: Solid

Analysis Batch: 32386									Prep E	Batch: 32395
	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	885.1		mg/Kg		86	70 - 130	
Diesel Range Organics (Over	<49.9	U F1	999	659.6	F1	mg/Kg		61	70 - 130	

	MS	MS	
Surrogate	%Recovery	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				Index or Good Properties Result 998 Qualifier Properties Unit mg/Kg D mg/Kg %Rec 89 Limits 70 - 130 RPD 3							
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	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	<49.9	U F1	998	745.1		mg/Kg		70	70 - 130	12	20

C10-C28)

	WISD	MISD			
Surrogate	%Recovery	Qualifier	Limits		
1-Chlorooctane	78		70 - 130		
o-Terphenyl	69	S1-	70 - 130		

MSD MSD

Lab Sample ID: MB 880-32517/1-A

Matrix: Solid

Analysis Batch: 32464

_	MB	MB			D Prepared Analyze 08/19/22 13:54 08/19/22 2 08/19/22 13:54 08/19/22 2			
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		08/19/22 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
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		08/19/22 13:54	08/19/22 20:12	1

MB MB

Surrogate	%Recovery	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 Analyte Gasoline Range Organics				Prep Batch: 325			Batch: 32517	
	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	1106		mg/Kg		111	70 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	984.6		mg/Kg		98	70 - 130	
C10-C28)								

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 LCS

%Recovery Qualifier Limits Surrogate 1-Chlorooctane 111 70 - 130 o-Terphenyl 107 70 - 130

Client Sample ID: Lab Control Sample Dup Lab Sample ID: LCSD 880-32517/3-A **Prep Type: Total/NA**

Matrix: Solid

Analysis Batch: 32464 Prep Batch: 32517 LCSD LCSD Spike

%Rec RPD Analyte Added Result Qualifier Unit %Rec Limits RPD Limit Gasoline Range Organics 1000 891.6 *1 mg/Kg 89 70 - 130 21 20 (GRO)-C6-C10 Diesel Range Organics (Over 1000 963.8 mg/Kg 96 70 - 130 2 20

C10-C28)

LCSD LCSD Surrogate %Recovery Qualifier Limits 1-Chlorooctane 108 70 - 130 70 - 130 o-Terphenyl 101

Lab Sample ID: 890-2762-A-21-C MS **Client Sample ID: Matrix Spike Prep Type: Total/NA**

Matrix: Solid

Analysis Batch: 32464

Diesel Range Organics (Over

Prep Batch: 32517 Sample Sample Spike MS MS %Rec Result Qualifier Added Result Qualifier Limits **Analyte** Unit D %Rec Gasoline Range Organics <49.9 U *1 F1 999 468.5 F1 mg/Kg 45 70 - 130 (GRO)-C6-C10 F2 999

515.8 F1

mg/Kg

44

70 - 130

C10-C28)

MS MS Surrogate %Recovery Qualifier Limits 1-Chlorooctane 64 S1-70 - 130 o-Terphenyl 56 S1-70 - 130

78.2 F1

Lab Sample ID: 890-2762-A-21-D MSD

Client Sample ID: Matrix Spike Duplicate **Matrix: Solid** Prep Type: Total/NA **Analysis Batch: 32464** Prep Batch: 32517

Sample Sample Spike MSD MSD %Rec **RPD** Result Qualifier Added Result Qualifier Limits **RPD** Limit **Analyte** Unit %Rec Gasoline Range Organics <49.9 U *1 F1 998 954.8 F2 94 70 - 130 20 mg/Kg 68 (GRO)-C6-C10 F2 Diesel Range Organics (Over 78.2 F1 998 576.5 F1 mg/Kg 50 70 - 130 11 20

C10-C28)

MSD MSD Qualifier Limits Surrogate %Recovery 1-Chlorooctane 70 70 - 130 o-Terphenyl 60 S1-70 - 130

Method: 300.0 - Anions, Ion Chromatography

MB MB

Lab Sample ID: MB 880-32316/1-A

Client Sample ID: Method Blank

Matrix: Solid

Analysis Batch: 32702

Prep Type: Soluble

Result Qualifier RL **MDL** Unit Analyzed Dil Fac Analyte D Prepared 5.00 08/26/22 04:24 Chloride <5.00 U mg/Kg

Lab Sample ID: LCS 880-32316/2-A **Client Sample ID: Lab Control Sample Matrix: Solid Prep Type: Soluble**

Analysis Batch: 32702

Spike LCS LCS %Rec Added Result Qualifier Unit D %Rec Limits Analyte 250 90 - 110 Chloride 239.8 mg/Kg 96

Lab Sample ID: LCSD 880-32316/3-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 32702

Spike LCSD LCSD %Rec **RPD** Added Result Qualifier Limits **RPD** Limit **Analyte** Unit D %Rec Chloride 250 238.6 95 20 mg/Kg

Lab Sample ID: 890-2758-1 MS Client Sample ID: SW-1 **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 32702

Spike MS MS %Rec Sample Sample Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits Chloride 42.1 250 281.6 mg/Kg 90 - 110

Lab Sample ID: 890-2758-1 MSD

Matrix: Solid

Analysis Batch: 32702

MSD MSD RPD Sample Sample Spike %Rec Analyte Result Qualifier Added %Rec Result Qualifier Unit Limits Limit Chloride 42.1 250 284.2 97 90 - 110 mg/Kg

Lab Sample ID: 890-2758-11 MS

Matrix: Solid

Analysis Batch: 32702

Sample Sample Spike MS MS %Rec Result Qualifier Added Analyte Result Qualifier Unit D %Rec Limits 249 Chloride 76.1 315.8 mg/Kg 96 90 - 110

Lab Sample ID: 890-2758-11 MSD

Matrix: Solid

Analysis Batch: 32702

Sample Sample Spike MSD MSD %Rec **RPD** Result Qualifier Added Result Qualifier Limits RPD Analyte Unit %Rec Chloride 249 96 76 1 316.1 mg/Kg 90 - 110

Lab Sample ID: MB 880-32317/1-A **Client Sample ID: Method Blank Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 32704

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

MB MB MDL Unit RL Analyte Result Qualifier D Prepared Analyzed Dil Fac Chloride <5.00 U 5.00 08/24/22 17:51 mg/Kg

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Client Sample ID: SW-1

Client Sample ID: CS-2

Prep Type: Soluble

Prep Type: Soluble

Prep Type: Soluble

Client Sample ID: CS-2

Limit

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-32317/2-A Client Sample ID: Lab Control Sample **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 32704 Spike LCS LCS

%Rec Result Qualifier Added Limits Analyte Unit D %Rec Chloride 250 238.9 mg/Kg 96 90 - 110

Lab Sample ID: LCSD 880-32317/3-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 32704

Spike LCSD LCSD %Rec **RPD** Added Result Qualifier Unit D %Rec Limits RPD Limit Analyte 250 90 - 110 Chloride 236.7 mg/Kg 95

Lab Sample ID: 890-2758-21 MS Client Sample ID: CS-12 **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 32704

Sample Sample Spike MS MS %Rec Result Qualifier Added Result Qualifier Limits Analyte Unit D %Rec Chloride 49.1 248 306.1 104 90 - 110 mg/Kg

Lab Sample ID: 890-2758-21 MSD Client Sample ID: CS-12 **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 32704

Spike MSD MSD **RPD** Sample Sample %Rec Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits **RPD** Limit Chloride 49.1 248 297.3 mg/Kg 100 90 - 110

Lab Sample ID: 890-2758-31 MS Client Sample ID: CS-22 **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 32704

Sample Sample Spike MS MS %Rec Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits Chloride 43.8 250 108 90 - 110 314.4 mg/Kg

Client Sample ID: CS-22 Lab Sample ID: 890-2758-31 MSD

Matrix: Solid

Analysis Batch: 32704

Sample Sample Spike MSD MSD %Rec **RPD** Result Qualifier Added **RPD** Limit Analyte Result Qualifier Unit D %Rec Limits 250 Chloride 43.8 304.1 mg/Kg 104 90 - 110

Lab Sample ID: MB 880-32318/1-A Client Sample ID: Method Blank **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 32770

MB MB Result Qualifier RL MDL Unit Prepared Dil Fac Analyte Analyzed 5.00 Chloride <5.00 U mg/Kg 08/25/22 01:43

Lab Sample ID: LCS 880-32318/2-A **Client Sample ID: Lab Control Sample Matrix: Solid Prep Type: Soluble**

Analysis Batch: 32770

Spike LCS LCS %Rec Added Analyte Result Qualifier Unit D %Rec Limits Chloride 250 249.9 mg/Kg 100 90 - 110

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Prep Type: Soluble

QC Sample Results

Client: NT Global Job ID: 890-2758-1 Project/Site: Smokey Bits SDG: Lea County

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 880-32318/3-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 32770

LCSD LCSD RPD Spike %Rec Result Qualifier Added Unit %Rec Limits RPD Limit Analyte D Chloride 250 250.9 mg/Kg 100 90 - 110 0 20

Lab Sample ID: 890-2758-41 MS Client Sample ID: CS-32 **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 32770

Sample Sample Spike MS MS %Rec Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits 51.0 F1 F2 250 90 - 110 Chloride 253.2 F1 mg/Kg 81

Lab Sample ID: 890-2758-41 MSD Client Sample ID: CS-32 **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 32770

Sample Sample Spike MSD MSD %Rec **RPD** Result Qualifier Added Result Qualifier Limits RPD Limit **Analyte** Unit D %Rec Chloride 51.0 F1 F2 250 332.1 F1 F2 112 20 mg/Kg

Lab Sample ID: 890-2758-51 MS Client Sample ID: CS-42 **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 32770

Spike MS MS %Rec Sample Sample Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits Chloride 249 334.2 106 71.0 mg/Kg 90 - 110

Lab Sample ID: 890-2758-51 MSD Client Sample ID: CS-42 **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 32770

MSD MSD RPD Sample Sample Spike %Rec Analyte Result Qualifier Added Unit %Rec Limits RPD Result Qualifier Limit Chloride 71.0 249 334.2 106 20 mg/Kg 90 - 110 0

Client: NT Global Job ID: 890-2758-1
Project/Site: Smokey Bits 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 Batcl
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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Job ID: 890-2758-1 Client: NT Global Project/Site: Smokey Bits 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

Job ID: 890-2758-1 Client: NT Global Project/Site: Smokey Bits 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

Job ID: 890-2758-1 Client: NT Global Project/Site: Smokey Bits 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	

Job ID: 890-2758-1 Client: NT Global Project/Site: Smokey Bits 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 Batcl
890-2758-1	SW-1	Total/NA	Solid	8015B NM	3236
890-2758-2	SW-2	Total/NA	Solid	8015B NM	3236
890-2758-3	SW-3	Total/NA	Solid	8015B NM	3236
890-2758-4	SW-4	Total/NA	Solid	8015B NM	3236
890-2758-6	SW-6	Total/NA	Solid	8015B NM	3236
890-2758-7	SW-7	Total/NA	Solid	8015B NM	3236
890-2758-8	SW-8	Total/NA	Solid	8015B NM	3236
890-2758-9	SW-9	Total/NA	Solid	8015B NM	3236
890-2758-10	CS-1	Total/NA	Solid	8015B NM	3236
890-2758-11	CS-2	Total/NA	Solid	8015B NM	3236
890-2758-12	CS-3	Total/NA	Solid	8015B NM	3236
890-2758-13	CS-4	Total/NA	Solid	8015B NM	3236
890-2758-14	CS-5	Total/NA	Solid	8015B NM	3236
890-2758-25	CS-16	Total/NA	Solid	8015B NM	3236
890-2758-26	CS-17	Total/NA	Solid	8015B NM	3236
890-2758-27	CS-18	Total/NA	Solid	8015B NM	3236
890-2758-28	CS-19	Total/NA	Solid	8015B NM	3236
890-2758-29	CS-20	Total/NA	Solid	8015B NM	3236
890-2758-30	CS-21	Total/NA	Solid	8015B NM	3236
890-2758-31	CS-22	Total/NA	Solid	8015B NM	3236
MB 880-32365/1-A	Method Blank	Total/NA	Solid	8015B NM	3236
LCS 880-32365/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	3236
LCSD 880-32365/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	3236
890-2758-1 MS	SW-1	Total/NA	Solid	8015B NM	3236
890-2758-1 MSD	SW-1	Total/NA	Solid	8015B NM	3236

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	

Client: NT Global Job ID: 890-2758-1
Project/Site: Smokey Bits 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

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Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch					
890-2758-37	CS-28	Total/NA	Solid	8015B NM	32395					

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Job ID: 890-2758-1 Client: NT Global Project/Site: Smokey Bits 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 Batc
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 890-2758-37	Client Sample ID CS-28	Prep Type Total/NA	Matrix Solid	Method 8015NM Prep	Prep Batch
890-2758-38	CS-29	Total/NA	Solid	8015NM Prep	
890-2758-39	CS-30	Total/NA	Solid	8015NM Prep	

Job ID: 890-2758-1 Client: NT Global Project/Site: Smokey Bits 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	

Job ID: 890-2758-1 Client: NT Global Project/Site: Smokey Bits 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 890-2758-1	Client Sample ID SW-1	Prep Type Soluble	Matrix Solid	Method DI Leach	Prep Batch
890-2758-2	SW-2	Soluble	Solid	DI Leach	
890-2758-3	SW-3	Soluble	Solid	DI Leach	

Client: NT Global Job ID: 890-2758-1
Project/Site: Smokey Bits 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

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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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Job ID: 890-2758-1 Client: NT Global Project/Site: Smokey Bits 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

Client: NT Global Job ID: 890-2758-1
Project/Site: Smokey Bits 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 Batcl
890-2758-21	CS-12	Soluble	Solid	300.0	3231
890-2758-22	CS-13	Soluble	Solid	300.0	3231
890-2758-23	CS-14	Soluble	Solid	300.0	3231
890-2758-24	CS-15	Soluble	Solid	300.0	3231
890-2758-25	CS-16	Soluble	Solid	300.0	3231
890-2758-26	CS-17	Soluble	Solid	300.0	3231
890-2758-27	CS-18	Soluble	Solid	300.0	3231
890-2758-28	CS-19	Soluble	Solid	300.0	3231
890-2758-29	CS-20	Soluble	Solid	300.0	3231
890-2758-30	CS-21	Soluble	Solid	300.0	3231
890-2758-31	CS-22	Soluble	Solid	300.0	3231
890-2758-32	CS-23	Soluble	Solid	300.0	3231
890-2758-33	CS-24	Soluble	Solid	300.0	3231
890-2758-34	CS-25	Soluble	Solid	300.0	3231
890-2758-35	CS-26	Soluble	Solid	300.0	3231
890-2758-36	CS-27	Soluble	Solid	300.0	3231
890-2758-37	CS-28	Soluble	Solid	300.0	3231
890-2758-38	CS-29	Soluble	Solid	300.0	3231
890-2758-39	CS-30	Soluble	Solid	300.0	3231
890-2758-40	CS-31	Soluble	Solid	300.0	3231
MB 880-32317/1-A	Method Blank	Soluble	Solid	300.0	3231
LCS 880-32317/2-A	Lab Control Sample	Soluble	Solid	300.0	3231
LCSD 880-32317/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	3231
890-2758-21 MS	CS-12	Soluble	Solid	300.0	3231
890-2758-21 MSD	CS-12	Soluble	Solid	300.0	3231
890-2758-31 MS	CS-22	Soluble	Solid	300.0	3231
890-2758-31 MSD	CS-22	Soluble	Solid	300.0	3231

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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Client: NT Global Job ID: 890-2758-1 Project/Site: Smokey Bits 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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SDG: Lea County

Client Sample ID: SW-1

Project/Site: Smokey Bits

Client: NT Global

Date Collected: 08/16/22 08:00 Date Received: 08/16/22 08:29

Lab Sample ID: 890-2758-1

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

Date Received: 08/16/22 08:29

Matrix: Solid

Batch Batch Dil Initial Final Batch Prepared Method **Prep Type** Type Run **Factor Amount** Amount Number or Analyzed **Analyst** Lab Total/NA 5035 32788 08/23/22 15:02 MNR EET MID Prep 4.99 g 5 mL Total/NA 8021B 5 mL 33109 08/28/22 02:05 MNR **EET MID** Analysis 5 mL 1 Total/NA Total BTEX Analysis 1 33234 08/29/22 13:26 SM **EET MID** Total/NA 8015 NM **EET MID** Analysis 1 32409 08/18/22 09:47 SM Total/NA Prep 8015NM Prep 10.03 g 10 mL 32365 08/17/22 14:23 DM **EET MID** Total/NA 8015B NM 08/18/22 07:43 SM **EET MID** Analysis 1 32193 Soluble 32316 08/17/22 09:09 CH Leach DI Leach 5.02 g 50 mL **EET MID** 300.0 08/26/22 05:11 SMC Soluble Analysis 1 0 mL 0 mL 32702 **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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.01 g	10 mL	32365 32193	08/17/22 14:23 08/17/22 23:08		EET MID EET MID
Soluble Soluble	Leach Analysis	DI Leach 300.0		1	5 g 0 mL	50 mL 0 mL	32316 32702	08/17/22 09:09 08/26/22 05:19		EET MID 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

D	Batch	Batch	D	Dil	Initial	Final	Batch	Prepared	Amalmat	1
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

SDG: Lea County

Client Sample ID: SW-4

Project/Site: Smokey Bits

Client: NT Global

Lab Sample ID: 890-2758-4

Matrix: Solid

Date Collected: 08/16/22 08:00 Date Received: 08/16/22 08:29

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

Lab Sample ID: 890-2758-5

Matrix: Solid

Date Collected: 08/16/22 08:00 Date Received: 08/16/22 08:29

Client Sample ID: SW-5

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.01 g	10 mL	32365 32193	08/17/22 14:23 08/18/22 00:12	DM SM	EET MID EET MID

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

Project/Site: Smokey Bits **Client Sample ID: SW-7**

Lab Sample ID: 890-2758-7

Date Collected: 08/16/22 08:00 Date Received: 08/16/22 08:29

Client: NT Global

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

Lab Sample ID: 890-2758-9 **Client Sample ID: SW-9**

Date Collected: 08/16/22 08:00 **Matrix: Solid**

Date Received: 08/16/22 08:29

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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	СН	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	32702	08/26/22 06:30	SMC	EET MID

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Client: NT Global Project/Site: Smokey Bits SDG: Lea County

Client Sample ID: CS-2

Date Collected: 08/16/22 08:00 Date Received: 08/16/22 08:29

Lab Sample ID: 890-2758-11

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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	СН	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

Batch Batch Dil Initial Final Batch Prepared Method **Prep Type** Type Run **Factor Amount** Amount Number or Analyzed **Analyst** Lab Total/NA 5035 32788 08/23/22 15:02 MNR EET MID Prep 4.97 g 5 mL Total/NA 8021B 5 mL 33109 08/28/22 06:58 MNR **EET MID** Analysis 5 mL 1 Total/NA Total BTEX Analysis 1 33234 08/29/22 13:26 SM **EET MID** Total/NA 8015 NM **EET MID** Analysis 1 32409 08/18/22 09:47 SM Total/NA Prep 8015NM Prep 10.01 g 10 mL 32365 08/17/22 14:23 DM **EET MID** Total/NA 8015B NM 08/18/22 01:37 SM **EET MID** Analysis 1 32193 Soluble 32316 Leach DI Leach 5.01 g 50 mL 08/17/22 09:09 CH **EET MID** 300.0 08/26/22 07:02 SMC Soluble Analysis 1 0 mL 0 mL 32702 **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

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

Client: NT Global Job ID: 890-2758-1 Project/Site: Smokey Bits SDG: Lea County

Client Sample ID: CS-5

Date Collected: 08/16/22 08:00 Date Received: 08/16/22 08:29

Lab Sample ID: 890-2758-14 Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 **Matrix: Solid**

Date Collected: 08/16/22 08:00 Date Received: 08/16/22 08:29

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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	СН	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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

Date Received: 08/16/22 08:29

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.01 g	10 mL	32394 32384	08/18/22 09:11 08/18/22 15:02	DM SM	EET MID EET MID

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Client: NT Global Project/Site: Smokey Bits

SDG: Lea County

Client Sample ID: CS-8

Lab Sample ID: 890-2758-17

Matrix: Solid

Date Collected: 08/16/22 08:00 Date Received: 08/16/22 08:29

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

Lab Sample ID: 890-2758-18

Matrix: Solid

Client Sample ID: CS-9 Date Collected: 08/16/22 08:00 Date Received: 08/16/22 08:29

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

Lab Sample ID: 890-2758-19 **Client Sample ID: CS-10**

Date Collected: 08/16/22 08:00 Matrix: Solid

Date Received: 08/16/22 08:29

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

SDG: Lea County

Lab Sample ID: 890-2758-21

Matrix: Solid

Date Collected: 08/16/22 08:00 Date Received: 08/16/22 08:29

Client Sample ID: CS-12

Client: NT Global

Project/Site: Smokey Bits

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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	СН	EET MID
Soluble	Analysis	300.0		1			32704	08/24/22 18:19	SMC	EET MID

Client Sample ID: CS-13 Date Collected: 08/16/22 08:00 Lab Sample ID: 890-2758-22

Matrix: Solid

Date Received: 08/16/22 08:29

Batch Batch Dil Initial Final Batch Prepared Method **Prep Type** Type Run **Factor Amount** Amount Number or Analyzed **Analyst** Lab Total/NA 5035 32789 08/23/22 15:06 MNR EET MID Prep 4.98 g 5 mL Total/NA 8021B 5 mL 08/28/22 02:02 MNR **EET MID** Analysis 5 mL 33108 1 Total/NA Total BTEX Analysis 1 33234 08/29/22 13:26 SM **EET MID** Total/NA 8015 NM **EET MID** Analysis 1 32409 08/18/22 09:47 SM Total/NA Prep 8015NM Prep 10.02 g 10 mL 32394 08/18/22 09:11 DM **EET MID** Total/NA 8015B NM 08/18/22 17:41 SM **EET MID** Analysis 1 32384

1

5 g

50 mL

32317

32704

Client Sample ID: CS-14

Leach

Analysis

DI Leach

300.0

Soluble

Soluble

Lab Sample ID: 890-2758-23

08/17/22 09:12 CH

08/24/22 18:46 SMC

Date Collected: 08/16/22 08:00 Date Received: 08/16/22 08:29

Matrix: Solid

EET MID

EET MID

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 Date Received: 08/16/22 08:29

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

Date Received: 08/16/22 08:29

Client: NT Global Job ID: 890-2758-1 Project/Site: Smokey Bits SDG: Lea County

Client Sample ID: CS-15 Lab Sample ID: 890-2758-24 Date Collected: 08/16/22 08:00

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 **Matrix: Solid**

Date Collected: 08/16/22 08:00 Date Received: 08/16/22 08:29

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.02 g	10 mL	32365 32193	08/17/22 14:23 08/18/22 03:23		EET MID EET MID
Soluble Soluble	Leach Analysis	DI Leach 300.0		1	4.98 g	50 mL	32317 32704	08/17/22 09:12 08/24/22 19:14		EET MID EET MID

Client Sample ID: CS-17 Lab Sample ID: 890-2758-26 **Matrix: Solid**

Date Collected: 08/16/22 08:00 Date Received: 08/16/22 08:29

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

Date Received: 08/16/22 08:29

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.00 g	10 mL	32365 32193	08/17/22 14:23 08/18/22 04:05	DM SM	EET MID EET MID

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

Client Sample ID: CS-18

Project/Site: Smokey Bits

Client: NT Global

Date Collected: 08/16/22 08:00 Date Received: 08/16/22 08:29

Lab Sample ID: 890-2758-27

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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 Lab Sample ID: 890-2758-28 Matrix: Solid

Initial

Dil

Date Collected: 08/16/22 08:00 Date Received: 08/16/22 08:29

Batch

Batch

Final	Batch	Prepared		
Amount	Number	or Analyzed	Analyst	Lab
5 mL	32789	08/23/22 15:06	MNR	EET MID
5 mL	33108	08/28/22 04:04	MNR	EET MID
	33234	08/29/22 13:26	SM	EET MID
	32409	08/18/22 09:47	SM	EET MID

Method **Prep Type** Type **Amount** Run **Factor** Amour 5035 Total/NA Prep 4.99 g 5 mL Total/NA 8021B 5 mL 5 mL Analysis 1 Total/NA Analysis **Total BTEX** Total/NA 8015 NM Analysis Total/NA Prep 8015NM Prep 10.01 g 10 mL 32365 08/17/22 14:23 DM **EET MID** 8015B NM 08/18/22 04:26 SM **EET MID** Total/NA Analysis 32193 Soluble DI Leach 32317 08/17/22 09:12 CH **EET MID** Leach 4.95 g 50 mL 32704 08/24/22 20:56 SMC EET MID Soluble Analysis 300.0 1

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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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 Lab Sample ID: 890-2758-30 Date Collected: 08/16/22 08:00 Matrix: Solid

Date Received: 08/16/22 08:29

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

Client Sample ID: CS-22

Lab Sample ID: 890-2758-31 Date Collected: 08/16/22 08:00 Date Received: 08/16/22 08:29

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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 Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.00 g	10 mL	32365 32193	08/17/22 14:23 08/18/22 05:30		EET MID EET MID
Soluble	Leach	DI Leach			5 g	50 mL	32317	08/17/22 09:12	СН	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

Date Received: 08/16/22 08:29

Matrix: Solid

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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	СН	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 Date Received: 08/16/22 08:29

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

Date Received: 08/16/22 08:29

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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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Client: NT Global Project/Site: Smokey Bits 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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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	СН	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

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.04 g	10 mL	32395 32386	08/18/22 09:14 08/18/22 13:34	DM SM	EET MID EET MID

Client: NT Global Project/Site: Smokey Bits 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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

Lab Sample ID: 890-2758-38 **Client Sample ID: CS-29**

Date Collected: 08/16/22 08:00 **Matrix: Solid** Date Received: 08/16/22 08:29

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

Lab Sample ID: 890-2758-39 **Client Sample ID: CS-30**

Date Collected: 08/16/22 08:00 **Matrix: Solid**

Date Received: 08/16/22 08:29

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

Date Received: 08/16/22 08:29

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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	СН	EET MID
Soluble	Analysis	300.0		1			32704	08/24/22 23:24	SMC	EET MID

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Client: NT Global Job ID: 890-2758-1 Project/Site: Smokey Bits 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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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	СН	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

Batch Batch Dil Initial Final Batch Prepared Method **Prep Type** Type Run **Factor Amount** Amount Number or Analyzed **Analyst** Lab Total/NA 5035 32794 08/23/22 15:12 MNR EET MID Prep 4.96 g 5 mL Total/NA 8021B 5 mL 33042 08/27/22 10:07 MNR **EET MID** Analysis 5 mL 1 Total/NA Total BTEX Analysis 1 33234 08/29/22 13:26 SM **EET MID** Total/NA 8015 NM **EET MID** Analysis 1 32409 08/18/22 09:47 SM Total/NA Prep 8015NM Prep 10.00 g 10 mL 32395 08/18/22 09:14 DM **EET MID** Total/NA 8015B NM 08/18/22 15:24 SM **EET MID** Analysis 1 32386 Soluble 32318 08/17/22 09:14 CH Leach DI Leach 4.99 g 50 mL **EET MID** 300.0 08/25/22 02:30 SMC Soluble Analysis 1 32770 **EET MID**

Client Sample ID: CS-34 Lab Sample ID: 890-2758-43 Date Collected: 08/16/22 08:00 Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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	СН	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

Date Received: 08/16/22 08:29

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

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

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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

Matrix: Solid

Date Collected: 08/16/22 08:00 Date Received: 08/16/22 08:29

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

Lab Sample ID: 890-2758-45

Matrix: Solid

Date Received: 08/16/22 08:29

Client Sample ID: CS-36

Date Collected: 08/16/22 08:00

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.02 g	10 mL	32395 32386	08/18/22 09:14 08/18/22 17:20		EET MID EET MID
Soluble Soluble	Leach Analysis	DI Leach 300.0		1	5 g	50 mL	32318 32770	08/17/22 09:14 08/25/22 02:54		EET MID EET MID

Client Sample ID: CS-37 Lab Sample ID: 890-2758-46 **Matrix: Solid**

Date Collected: 08/16/22 08:00 Date Received: 08/16/22 08:29

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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	СН	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

Date Received: 08/16/22 08:29

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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.02 g	10 mL	32395 32386	08/18/22 09:14 08/18/22 18:03	DM SM	EET MID EET MID

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Client: NT Global Project/Site: Smokey Bits

SDG: Lea County

Lab Sample ID: 890-2758-47

Matrix: Solid

Client Sample ID: CS-38 Date Collected: 08/16/22 08:00

Date Received: 08/16/22 08:29

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

Lab Sample ID: 890-2758-48

Matrix: Solid

Date Collected: 08/16/22 08:00 Date Received: 08/16/22 08:29

Client Sample ID: CS-39

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

Lab Sample ID: 890-2758-49 **Client Sample ID: CS-40**

Date Collected: 08/16/22 08:00 **Matrix: Solid**

Date Received: 08/16/22 08:29

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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	СН	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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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	СН	EET MID
Soluble	Analysis	300.0		1			32770	08/25/22 03:49	SMC	EET MID

Client: NT Global Job ID: 890-2758-1 Project/Site: Smokey Bits SDG: Lea County

Client Sample ID: CS-42

Date Collected: 08/16/22 08:00 Date Received: 08/16/22 08:29

Lab Sample ID: 890-2758-51

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.01 g	10 mL	32395 32386	08/18/22 09:14 08/18/22 19:31	DM SM	EET MID EET MID
Soluble Soluble	Leach Analysis	DI Leach 300.0		1	5.03 g	50 mL	32318 32770	08/17/22 09:14 08/25/22 03:57	CH 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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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	СН	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 Date Received: 08/16/22 08:29

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.01 g	10 mL	32395 32386	08/18/22 09:14 08/18/22 20:15		EET MID EET MID
Soluble Soluble	Leach Analysis	DI Leach 300.0		1	4.95 g	50 mL	32318 32770	08/17/22 09:14 08/25/22 04:28		EET MID EET MID

Client Sample ID: CS-38 Lab Sample ID: 890-2758-54 Date Collected: 08/16/22 08:00

Date Received: 08/16/22 08:29

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

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

Matrix: Solid

Date Received: 08/16/22 08:29

Lab Chronicle

Client: NT Global Job ID: 890-2758-1 Project/Site: Smokey Bits SDG: Lea County

Client Sample ID: CS-38 Lab Sample ID: 890-2758-54 Date Collected: 08/16/22 08:00

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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 Job ID: 890-2758-1 Project/Site: Smokey Bits SDG: Lea County

Laboratory: Eurofins Midland

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

Authority	Pr	ogram	Identification Number	Expiration Date
Texas	NE	ELAP	T104704400-22-24	06-30-23
The feller discourse and but a				
the agency does not o	•	ort, but the laboratory is r	not certified by the governing authority.	inis list may include analytes for w
,	•	Matrix	Analyte	I his list may include analytes for w
the agency does not o	offer certification.	,	, , ,	I his list may include analytes for w

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
3015NM 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

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		
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-10	Solid	08/16/22 08:00	08/16/22 08:29	
890-2758-27	CS-18	Solid	08/16/22 08:00		
890-2758-28	CS-19	Solid	08/16/22 08:00		
890-2758-29	CS-20	Solid	08/16/22 08:00		
890-2758-30	CS-21	Solid	08/16/22 08:00		
890-2758-31	CS-22		08/16/22 08:00		
		Solid			
890-2758-32	CS-23	Solid	08/16/22 08:00		
890-2758-33	CS-24	Solid	08/16/22 08:00		
890-2758-34	CS-25	Solid		08/16/22 08:29	
890-2758-35	CS-26	Solid	08/16/22 08:00		
890-2758-36	CS-27	Solid		08/16/22 08:29	
890-2758-37	CS-28	Solid		08/16/22 08:29	
890-2758-38	CS-29	Solid		08/16/22 08:29	
890-2758-39	CS-30	Solid		08/16/22 08:29	
890-2758-40	CS-31	Solid		08/16/22 08:29	
890-2758-41	CS-32	Solid		08/16/22 08:29	
890-2758-42	CS-33	Solid		08/16/22 08:29	
890-2758-43	CS-34	Solid		08/16/22 08:29	
890-2758-44	CS-35	Solid		08/16/22 08:29	
890-2758-45	CS-36	Solid		08/16/22 08:29	
890-2758-46	CS-37	Solid		08/16/22 08:29	_
890-2758-47	CS-38	Solid		08/16/22 08:29	<i>(</i> *
890-2758-48	CS-39	Solid		08/16/22 08:29	
890-2758-49	CS-40	Solid		08/16/22 08:29	
890-2758-50	CS-41	Solid		08/16/22 08:29	
890-2758-51	CS-42	Solid		08/16/22 08:29	
890-2758-52	CS-43	Solid		08/16/22 08:29	
890-2758-53	CS-44	Solid		08/16/22 08:29	
890-2758-54	CS-38	Solid	08/16/22 08:00	08/16/22 08:29	7.5'

Company Name:	Project Manager:	
ne: NTG Environmental	jer: Ethan Sessums	CHASKOMMENIAE
Company Name:	Bill to: (if different)	
Colgate		

Chain of Custody

	(T.		
1		ENVIRONMENTAL			

Company Name:

NTG Environmental

Company Name: Bill to: (if different)

Program: UST/PST ☐PRP ☐Brownfields ☐RRC

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Work Order Comments

1.2011	Relinquished by: (Signature)	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.	Additiona	CS-11	CS-10	CS-9	CS-8	CS-7	CS-6	CS-5	CS-4	CS-3	CS-2	Sample Identification	Total Containers:	Sample Custody Seals:	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO #:	Sampler's Name:	Project Location	Project Number:	Project Name:		City, State ZIP: Ca	Address: 40
R	Signature)	ument and relinquis de only for the cost of e of \$85.00 will be ap	Additional Comments:	3	~		3	~		~	~	~	~	cation	54	Yes No	Yes No	Yes	Temp Blank:		Tyler	Lea	22	Smol	254-266-5456	Carlsbad, NM 88220	402 E Wood Ave
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	<u>o</u>	Cool: Cool			D)			Due Date:		Lea County	-	Project Location
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Revised Date 05012020 Rev. 2020.1

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otice: 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 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 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. Received by: (Signature)	Addition	nal Comments																		
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John Amaraka Stuf 8/16/00 8.	Relinquished by:	(Signature)		Received	by: (Signatu	re)		Da	te/Time		Reli	nquished by:	(Signati	ure) R	eceived b	y: (Sign:	ature)		Date/Time	
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Additional Comments:

CS-40 CS-39 CS-38 CS-37 CS-36

8/16/2022

8/16/2022 8/16/2022 8/16/2022

CS-41

8/16/2022 8/16/2022 8/16/2022

Comp

Comp

Comp Comp SAMPLE RECEIPT

Temp Blank:

Yes No

Wet ice:

Yes

Parameter

BTEX 8021B TPH 8015M (GRO + DRO + MRO)

Chloride 4500

HOLD

Na₂S₂O₃ NaSO₃ NaHSO4: NABIS H3PO4: HP

Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC

H₂SO₄: H₂ HCL: HC

Cool: Coo None: NO

MeOH: Me DI Water: H₂O

HNO3: HN

NaOH: Na

8

NA N/A

Correction Factor

perature Reading: cted Temperature:

Sample Custody Seals:

Yes Yes No

S

Sample Identification

Date

Time

Soil

Water

of

Comp Grab/

Comp

Comp

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Comp Comp CS-34

CS-33 CS-32

8/16/2022 8/16/2022

8/16/2022

CS-35

ooler Custody Seals:

Sampler's Name:

Tyler Kimball Lea County

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

roject Location

Phone:

254-266-5456 Carlsbad, NM 88220 402 E Wood Ave NTG Environmental

City, State ZIP

ddress

Company Name:

Project Name:

Smokey Bits

225842

✓ Routine

Rush

Pres.

ANALYSIS REQUEST

Deliverables: EDD

ADaPT

Preservative Codes

Reporting:Level II Level III PST/UST

RRP Other

☐ Level IV ☐

State of Project:

Program: UST/PST | PRP | Brownfields | RRC

uperfund

Work Order Comments

으

Turn Around

City, State ZIP

Company Name: Bill to: (if different)

Project Number:

13 14

Relinquished by: (Signature) Received by: (Signature)				
Received by: (Signature)		4		(4)
Received by: (Signature)	2	268 eelm/18	Trank Shift	halleron
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.	Received by: (Signature)		Received by: (Signature)	Relinquished by: (Signature)
	terms will be enforced unless previously negotiated.	mitted to Xenco, but not analyzed. These tern	e applied to each project and a charge of \$5 for each sample su	f Xenco. A minimum charge of \$85.00 will b

Page 104 of 108

Sample Comments

Work Order No:

Project Manager:

Ethan Sessums

Bill to: (if different)

ENVIRONMENTAL

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1

Work Order Comments

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☐uperfund [

Company Name: NTG	NTG Environmental		Compa	Company Name:		Colgate			Program: UST/PST PRP Brownfields RRC	ownfields	RRC	uperfund
	402 E Wood Ave		Address	S:					State of Project:			
te ZIP:	Carlsbad, NM 88220		City, State ZIP	ate ZIP:					Reporting:Level II Level III PST/UST	TSU/TS	□ RRP	☐ Level IV [
	254-266-5456		Email:						Deliverables: EDD	ADaPT 🗆	Other:	
Project Name:	Smokey Bits		Turn Around					ANALYSIS REQUEST	QUEST		reservat	Preservative Codes
Project Number:	225842	√ R.	✓ Routine ☐ Rush	sh	Pres. Code					None: NO	O	DI Water: H ₂ (
Project Location	Lea County	Due Date:	Date:)			Cool: Cool	Cool	MeOH: Me
Sampler's Name:	Tyler Kimball	TAT	TAT starts the day received by the	ved by the			4RO			HCL: HC	문	HNO3: HN
PO#			lab, if received by 4:30pm	:30pm	rs) + N			H ₂ SO ₄ : H ₂	: H ₂	NaOH: Na
SAMPLE RECEIPT	Temp Blank:	Yes No We	Wet Ice: Yes	s No	nete	1B				H₃PO₄: HP	ŧ. H	
Received Intact:	Yes No	Thermometer 40:	3		arar	802	0 + de 4			NaHS	NaHSO₄: NABIS	3,
Cooler Custody Seals:	Yes No N/A	Correction Factor	1		P	TEX					Na ₂ S ₂ O ₃ : NaSO ₃	ω
Sample Custody Seals:	Yes No N/A	Temperature Re	Reading			В				Zn Ac	Zn Acetate+NaOH: Zn)H: Zn
Total Containers:	54	Corrected Temperature	erature:				H 801			NaOr	l+Ascorbic	NaOH+Ascorbic Acid: SAPC
Sample Identification	tion Date	Time	Soil Water	Grab/ Comp	# of Cont		TPI			40	Sample C	Sample Comments
CS-42	8/16/2022			Comp	1	×	×					
CS-43	8/16/2022			Comp	1	X	×					
CS-44	8/16/2022			Comp	1	X	×					
CS-45	8/16/2022			Comp	1	×	×					
Additional Comments:	Comments:									1 1		
Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It 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 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 ent	ent and relinquishment of sam only for the cost of samples an f \$85,00 will be applied to each	ples constitutes a val d shall not assume a project and a charge	lid purchase order fr ny responsibility for of \$5 for each samp	om client cor any losses o le submitted	npany to X r expenses to Xenco, t	enco, Its incurred out not ar	affiliates a by the cli nalyzed. T	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 contro 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.	t assigns standard terms and conditions due to circumstances beyond the control forced unless previously negotiated.			
Relinquished by: (Sig	(Signature)	Received by: (Signature)	(Sjanature)			Date/Time	ne	Relinquished by: (Signature)	ture) Received by: (Signature)	ature)		Date/Time
· Lake Ch	M Home	maka s	Stut	\'	8/11/0/03	(sa)	2	9				
3 70			,					.4				
5								6			Revised Da	Revised Date 05012020 Rev. 202
												THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN CO

Login Sample Receipt Checklist

Client: NT Global Job Number: 890-2758-1 SDG Number: Lea County

Login Number: 2758 **List Source: Eurofins Carlsbad**

List Number: 1

Creator: Stutzman, Amanda

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	
s 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

List Source: Eurofins Midland
List Number: 2
List Creation: 08/17/22 11:50 AM

Creator: Rodriguez, Leticia

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
s 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	N/A	

213 OJ 289

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<6mm (1/4").

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.

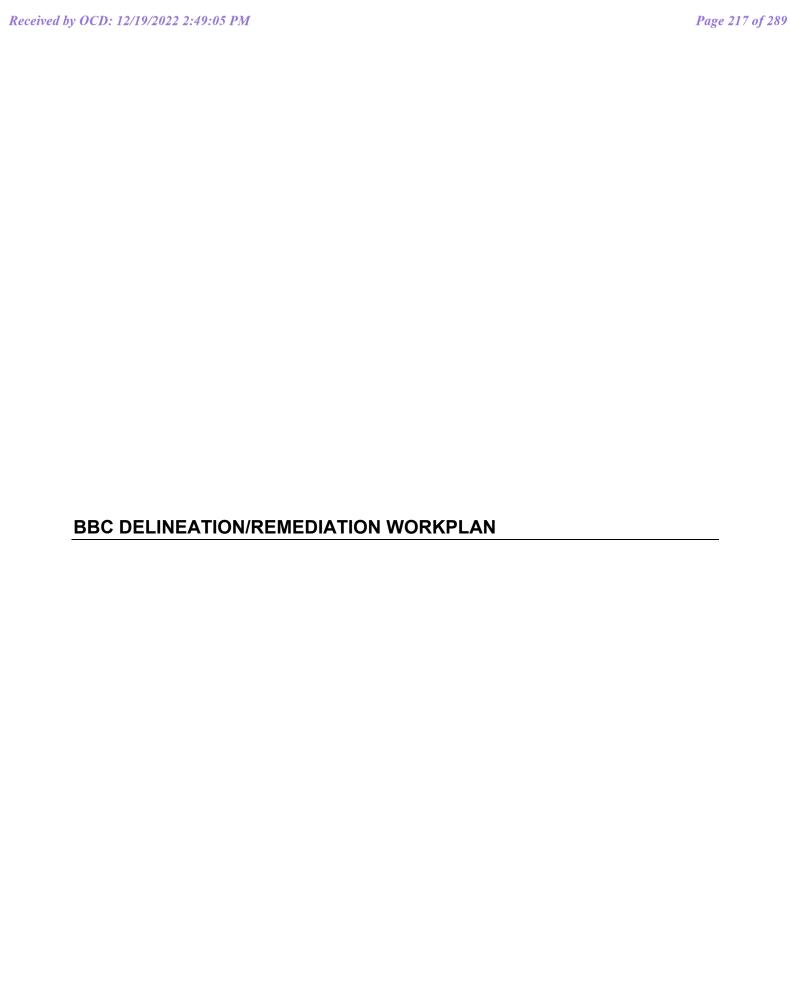
Authorization

Revision 1

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

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

Eurofins Carlsbad is a laboratory within Eurofins Environment Testing South Central, LLC, a company within Eurofins Environment Testing Group of Companies





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/REMEDIATION 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.

Page 219 of 289

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?	183.99 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ■ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ■ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ■ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ■ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ■ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ■ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ■ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ■ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ■ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ■ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ■ No
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ■ No
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and ver contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	tical extents of soil
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 well 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	ls.

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.

nAPP2103559332

Form C-141

Page 4

State of New Mexico Oil Conservation Division

	111111 2103337332
Incident ID	1X4XFX 1X3X3XX
District RP	
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the regulations all operators are required to report and/or file certain release not public health or the environment. The acceptance of a C-141 report by the failed to adequately investigate and remediate contamination that pose a thrustion, OCD acceptance of a C-141 report does not relieve the operator of and/or regulations.	cifications and perform corrective actions for releases which may endanger OCD does not relieve the operator of liability should their operations have eat to groundwater, surface water, human health or the environment. In
Printed Name: Wade Dittrich	Title: Environmental Coordinator
Signature: Warle Hist	Date: 5-14-21
email: wade_dittrich@oxy.com	Telephone: (575) 390-2828
OCD Only	
Received by:	Date:

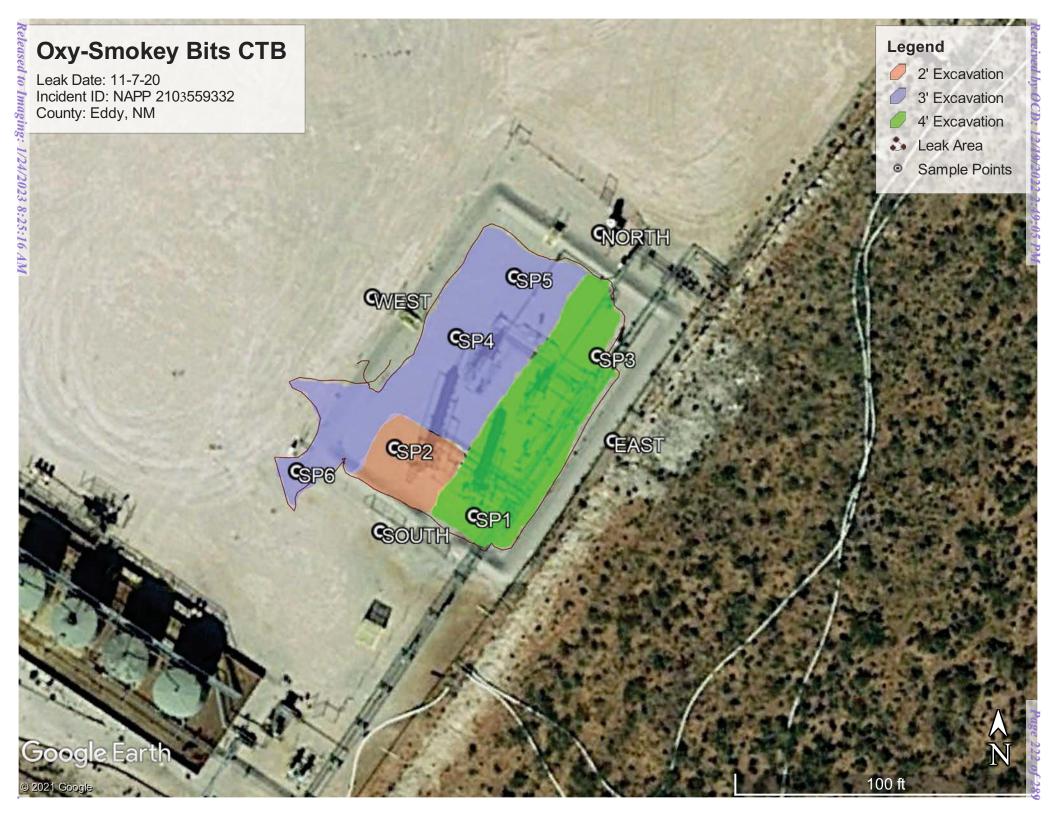
Page 221 of 289 nAPP2103559332

Form C-141 Page 5 State of New Mexico Oil Conservation Division

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	2(C)(4) NMAC
Proposed schedule for remediation (note if remediation plan time	line is more than 90 days OCD approval is required)
Deferral Requests Only: Each of the following items must be conj	firmed as part of any request for deferral of remediation.
Contamination must be in areas immediately under or around prodeconstruction.	duction equipment where remediation could cause a major facility
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 rules and regulations all operators are required to report and/or file ce which may endanger public health or the environment. The acceptantial liability should their apparations have followed to the report and their apparations are required to report and their apparations are required to report and the report and the report and their apparations are required to report and the report and	ertain release notifications and perform corrective actions for releases ce of a C-141 report by the OCD does not relieve the operator of
liability should their operations have failed to adequately investigate surface water, human health or the environment. In addition, OCD are responsibility for compliance with any other federal, state, or local large	ecceptance of a C-141 report does not relieve the operator of
Printed Name: Wade Dittrich	Title: Environmental Coordinator
Signature: Wash Kittle	Date: 5-14-21
email: wade_dittrich@oxy.com	Date: <u>5-14-21</u> Telephone: (575) 390-2828
OCD Only	
Received by:	Date:
Approved Approved with Attached Conditions of A	pproval
Signature:	Pate:



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	

Released

to

Imaging:

Click to hide News Bulletins

- Explore the NEW USGS National Water Dashboard to access real-time data from over 13,500 stations nationwide.
- 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.

<u>Tab-separated data</u> <u>Graph of data</u>	Output formats					
Graph of data	Table of data					
	Tab-separated data					
Reselect period	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	2 Status	Method of measurement	Measuring agency	Source of measurement	Water- level approval status	
1976-05-28		D	194.39			2		U		U		Α
1983-04-12		D	186.04			2		U		U		Α
1990-10-10		D	183.02			2		S		U		Α
1994-03-16		D	183.99			2		S		U		Α

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

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Ex	ınl	an	at	ior

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.			

Questions about sites/data? Feedback on this web site **Automated retrievals** Help

Data Tips Explanation of terms Subscribe for system changes <u>News</u>

Accessibility 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: <u>New Mexico Water Data Maintainer</u> Page Last Modified: 2020-12-22 10:52:45 EST

0.26 0.24 nadww01

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

CO2, Cancelled

CO2, Plugged

CO2, Temporarily Abandoned

CO2, New

Wells - Large Scale

undefined

Miscellaneous

CO2, Active

Gas, Active

Gas, New

Gas, Plugged

Gas, Cancelled

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

Gas, Temporarily Abandoned 🔑 Injection, Plugged

Injection, Active

Injection, New

Injection, Cancelled

Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, EPA, USDA, BLM

30-015-04574

3536 ft

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

₩30-015-31611

30-015-20649

Oxy Smokey Bits CTB

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

BLM CAVE KARST MAP

Legend



High Potential



🚵 Leak Area

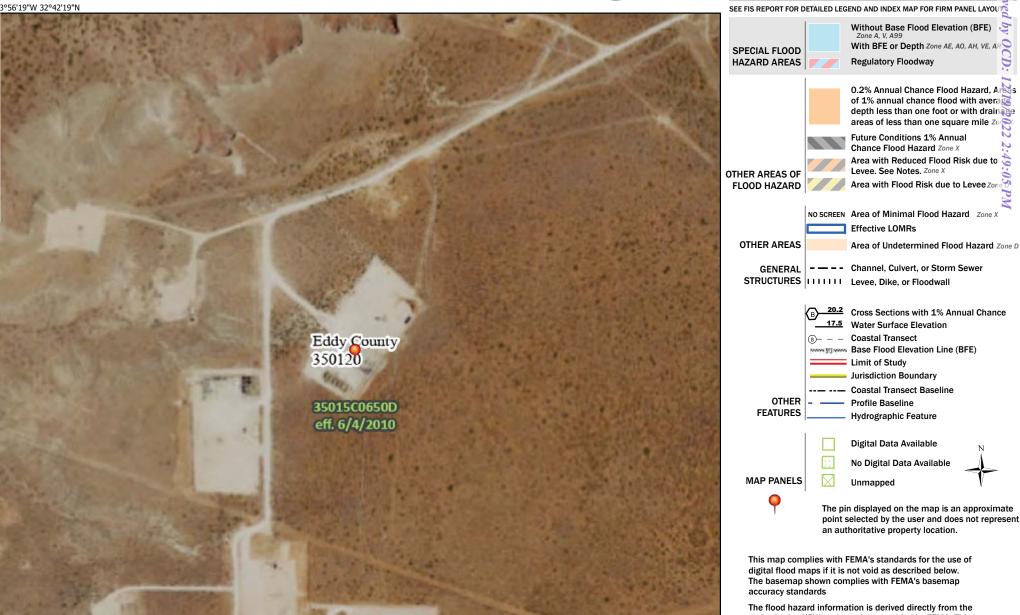




National Flood Hazard Layer FIRMette



Legend



USGS The National Map: Orthoimagery. Data refreshed October

103°55'41"W 32°41'48"N

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.

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	SM4500CI-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	SM4500CI-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	SM4500CI-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

			000			
			SP3 @	000 0 41	000 0 01	000 0 01
		Sample ID	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	SM4500CI-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

		Comple ID	SP4 @ Surface	SP4 @ 1'	SP4 @ 2'	SP4 @ 3'	SP4 @ 4'
		Sample ID	Surface		3F4 @ 2	3F4 @ 3	3F4 @ 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	SM4500CI-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

			SP5@				
		Sample ID	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	SM4500CI-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

			SP6@				
		Sample ID	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	SM4500CI-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

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

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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	SM4500CI-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



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/ga/lab accred certif.html.

Cardinal Laboratories is accreditated 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)

Celecy D. Keine

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

25-Feb-21 14:56



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

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

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Analytical Results For:

BBC International, Inc. P.O. Box 805 Hobbs NM, 88241		Project: SM Project Number: (1 Project Manager: Clif Fax To: (57	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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25-Feb-21 14:56



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

N @ SURFACE H210392-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	1021701	GM	19-Feb-21	4500-Cl-B	
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 (PIL	D)		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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25-Feb-21 14:56



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

Analytical Results For:

BBC International, Inc. P.O. Box 805

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

E @ SURFACE H210392-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	1021701	GM	19-Feb-21	4500-Cl-B	
Volatile Organic Compounds	s 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 (Pl	D)		99.2 %	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			94.2 %	44.3	-144	1021801	MS	18-Feb-21	8015B	
Surrogate: 1-Chlorooctadecane			98.9 %	42.2	-156	1021801	MS	18-Feb-21	8015B	

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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

W @ SURFACE H210392-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	1021701	GM	19-Feb-21	4500-Cl-B	
Volatile Organic Compounds b	y 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	
Petroleum Hydrocarbons by G	C 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	
Surrogate: 1-Chlorooctadecane			94.5 %	42.2	-156	1021801	MS	18-Feb-21	8015B	

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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)

20) 25-Feb-21 14:56

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

S @ SURFACE H210392-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	1021701	GM	19-Feb-21	4500-Cl-B	
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 (PIL))		99.6 %	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			99.5 %	44.3	-144	1021801	MS	18-Feb-21	8015B	
Surrogate: 1-Chlorooctadecane			104 %	42.2	-156	1021801	MS	18-Feb-21	8015B	

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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 1 @ SURFACE H210392-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	128		16.0	mg/kg	4	1021904	GM	19-Feb-21	4500-Cl-B	
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	
Petroleum Hydrocarbons by C	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	
Surrogate: 1-Chlorooctadecane			1550 %	42.2-	-156	1021801	MS	18-Feb-21	8015B	

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Celeg D. Keene



Analytical Results For:

BBC International, Inc. P.O. Box 805

Hobbs NM, 88241

Project: SMOKEY BITS CTB Project Number: (11-7-20)

Reported: 25-Feb-21 14:56

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 1 @ 1' H210392-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	1021904	GM	19-Feb-21	4500-Cl-B	
Volatile Organic Compounds h	oy 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	
Surrogate: 4-Bromofluorobenzene (PID))		208 %	73.3	-129	1021901	MS	19-Feb-21	8021B	
Petroleum Hydrocarbons by G	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	
Surrogate: 1-Chlorooctane			141 %	44.3	-144	1021801	MS	18-Feb-21	8015B	
Surrogate: 1-Chlorooctadecane			143 %	42.2	-156	1021801	MS	18-Feb-21	8015B	

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25-Feb-21 14:56



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

SP 1 @ 2'

SP 1 @ 2' H210392-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	1021904	GM	19-Feb-21	4500-Cl-B	
Volatile Organic Compounds	s 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 (Pl	(D)		99.2 %	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*	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	
Surrogate: 1-Chlorooctadecane			120 %	42.2	-156	1021801	MS	18-Feb-21	8015B	

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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 1 @ 3' H210392-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	1021904	GM	19-Feb-21	4500-Cl-B	
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	
Petroleum Hydrocarbons by C	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	
Surrogate: 1-Chlorooctadecane			121 %	42.2	-156	1021801	MS	18-Feb-21	8015B	

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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 1 @ 4' H210392-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	ories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	1021904	GM	19-Feb-21	4500-Cl-B	
Volatile Organic Compound	s 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 (Pi	(D)		103 %	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*	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	
Surrogate: 1-Chlorooctadecane			121 %	42.2	-156	1021801	MS	18-Feb-21	8015B	

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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)

Reported: 25-Feb-21 14:56

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 1 @ 5' H210392-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	1021904	GM	19-Feb-21	4500-Cl-B	
Volatile Organic Compound	s 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 (P.	ID)		101 %	73.3	-129	1022404	MS	24-Feb-21	8021B	
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	
Surrogate: 1-Chlorooctadecane			115 %	42.2	-156	1022402	MS	24-Feb-21	8015B	

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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 1 @ 6' H210392-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	1021904	GM	19-Feb-21	4500-Cl-B	
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	
Petroleum Hydrocarbons by C	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	
Surrogate: 1-Chlorooctadecane			120 %	42.2	-156	1022402	MS	24-Feb-21	8015B	

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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 2 @ SURFACE H210392-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	320		16.0	mg/kg	4	1021904	GM	19-Feb-21	4500-Cl-B	
Volatile Organic Compounds l	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	
Petroleum Hydrocarbons by C	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	
Surrogate: 1-Chlorooctadecane			699 %	42.2	-156	1021801	MS	18-Feb-21	8015B	

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25-Feb-21 14:56



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

SP 2 @ 1' H210392-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	432		16.0	mg/kg	4	1021904	GM	19-Feb-21	4500-Cl-B	
Volatile Organic Compounds	oy 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 C	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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Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: SMOKEY BITS CTB Project Number: (11-7-20)

Reported: 25-Feb-21 14:56

Hobbs NM, 88241

Project Manager: Cliff Brunson Fax To: (575) 397-0397

> SP 2 @ 2' H210392-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	1021904	GM	19-Feb-21	4500-Cl-B	
Volatile Organic Compound	s 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 (Pl	D)		100 %	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*	10.1		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	
Surrogate: 1-Chlorooctadecane			107 %	42.2	-156	1021801	MS	18-Feb-21	8015B	

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25-Feb-21 14:56



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

SP 2 @ 3' H210392-15 (Soil)

Analyte Result MDL Reporting Units Dilution Batch Analyst Analyzed Method Notes

Cardinal Laboratories

Inorganic Compounds

Chloride 48.0 16.0 mg/kg 4 1021904 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 3 @ SURFACE H210392-16 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	1700		16.0	mg/kg	4	1021904	GM	19-Feb-21	4500-Cl-B	
Volatile Organic Compounds	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	
Petroleum Hydrocarbons by C	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	
Surrogate: 1-Chlorooctadecane			1140 %	42.2-156		1021801	MS	18-Feb-21	8015B	

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Analytical Results For:

BBC International, Inc. P.O. Box 805

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
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	1021904	GM	19-Feb-21	4500-Cl-B	
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		
Petroleum Hydrocarbons by C	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	
Surrogate: 1-Chlorooctadecane			117 %	42.2	-156	1021801	MS	18-Feb-21	8015B	

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25-Feb-21 14:56



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

1 397-0397

SP 3 @ 2' H210392-18 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	1021904	GM	19-Feb-21	4500-Cl-B	
Volatile Organic Compounds l								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		
Petroleum Hydrocarbons by C	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	
Surrogate: 1-Chlorooctadecane			115 %	42.2	-156	1021903	MS	19-Feb-21	8015B	

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Analytical Results For:

BBC International, Inc.

Project: SMOKEY BITS CTB

Reported: 25-Feb-21 14:56

P.O. Box 805 Hobbs NM, 88241 Project Number: (11-7-20)
Project Manager: Cliff Brunson

Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 3 @ 3' H210392-19 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	1021904	GM	19-Feb-21	4500-Cl-B	
Volatile Organic Compounds b	y 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	
Petroleum Hydrocarbons by G	C 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	
Surrogate: 1-Chlorooctadecane			139 %	42.2	-156	1021903	MS	19-Feb-21	8015B	

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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 @ SURFACE H210392-20 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	576		16.0	mg/kg	4	1021904	GM	19-Feb-21	4500-Cl-B	
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 C	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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Reported:

25-Feb-21 14:56



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

SP 4 @ 1' H210392-21 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	1021904	GM	19-Feb-21	4500-Cl-B	
Volatile Organic Compounds I	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 C	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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Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: SMOKEY BITS CTB Project Number: (11-7-20)

Reported: 25-Feb-21 14:56

Hobbs NM, 88241

Project Manager: Cliff Brunson Fax To: (575) 397-0397

> SP 4 @ 2' H210392-22 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	96.0		16.0	mg/kg	4	1021904	GM	19-Feb-21	4500-Cl-B	
Volatile Organic Compounds	s 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 (Pl	D)		107 %	73.3	-129	1021901	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*	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	
Surrogate: 1-Chlorooctadecane			118 %	42.2	-156	1021903	MS	19-Feb-21	8015B	

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Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: SMOKEY BITS CTB Project Number: (11-7-20)

Reported: 25-Feb-21 14:56

Hobbs NM, 88241

Project Manager: Cliff Brunson Fax To: (575) 397-0397

> SP 4 @ 3' H210392-23 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	1021904	GM	19-Feb-21	4500-Cl-B	
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 (PI.	D)		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	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	
Surrogate: 1-Chlorooctadecane			109 %	42.2	-156	1021903	MS	19-Feb-21	8015B	

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Celeg D. Keene



Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: SMOKEY BITS CTB Project Number: (11-7-20)

Reported: 25-Feb-21 14:56

Hobbs NM, 88241

Project Manager: Cliff Brunson Fax To: (575) 397-0397

> SP 4 @ 4' H210392-24 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	1021904	GM	19-Feb-21	4500-Cl-B	

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Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: SMOKEY BITS CTB Project Number: (11-7-20)

Reported: 25-Feb-21 14:56

Hobbs NM, 88241

Project Manager: Cliff Brunson Fax To: (575) 397-0397

14x 101 (373) 337 033

SP 5 @ SURFACE H210392-25 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	560		16.0	mg/kg	4	1021905	GM	19-Feb-21	4500-Cl-B	
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 C	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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Reported:

25-Feb-21 14:56



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

SP 5 @ 1' H210392-26 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	1021905	GM	19-Feb-21	4500-Cl-B	
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 (PIL))		106 %	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*	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	
Surrogate: 1-Chlorooctadecane			121 %	42.2	-156	1021903	MS	19-Feb-21	8015B	

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Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: SMOKEY BITS CTB

Reported: 25-Feb-21 14:56

Hobbs NM, 88241

Project Number: (11-7-20) Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 5 @ 2' H210392-27 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	ories					
Inorganic Compounds										
Chloride	112		16.0	mg/kg	4	1021905	GM	19-Feb-21	4500-Cl-B	
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 (PIL))		106 %	73.3	-129	1021902	MS	19-Feb-21	8021B	
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	
Surrogate: 1-Chlorooctadecane			110 %	42.2	-156	1021903	MS	19-Feb-21	8015B	

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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 @ 3' H210392-28 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	1021905	GM	19-Feb-21	4500-Cl-B	
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 C	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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Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: SMOKEY BITS CTB Project Number: (11-7-20)

Reported: 25-Feb-21 14:56

Hobbs NM, 88241

Project Manager: Cliff Brunson Fax To: (575) 397-0397

> SP 5 @ 4' H210392-29 (Soil)

Analyte	Result		orting imit Units	Dilution	n Batch	Analyst	Analyzed	Method	Notes
			Cardinal Labor	ratories					
Inorganic Compounds									
Chloride	32.0	1	6.0 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

Project: SMOKEY BITS CTB
Project Number: (11-7-20)

Reported: 25-Feb-21 14:56

Hobbs NM, 88241

Project Manager: Cliff Brunson Fax To: (575) 397-0397

SP 6 @ SURFACE H210392-30 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	864		16.0	mg/kg	4	1021905	GM	19-Feb-21	4500-Cl-B	
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	
Petroleum Hydrocarbons by GO	C 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	
Surrogate: 1-Chlorooctadecane			795 %	42.2	-156	1022203	MS	22-Feb-21	8015B	

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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)

Reported: 25-Feb-21 14:56

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 6 @ 1' H210392-31 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	1021905	GM	19-Feb-21	4500-Cl-B	
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 (PII	D)		130 %	73.3	-129	1022201	MS	22-Feb-21	8021B	
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	
Surrogate: 1-Chlorooctadecane			126 %	42.2	-156	1021903	MS	19-Feb-21	8015B	

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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 @ 2' H210392-32 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	160		16.0	mg/kg	4	1021905	GM	19-Feb-21	4500-Cl-B	
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	
Petroleum Hydrocarbons by GO	C 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	
Surrogate: 1-Chlorooctadecane			118 %	42.2	-156	1021903	MS	19-Feb-21	8015B	

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Reported:

25-Feb-21 14:56



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

SP 6 @ 3' H210392-33 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Labora	tories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	1021905	GM	19-Feb-21	4500-Cl-B	
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	
Surrogate: 4-Bromofluorobenzene (PIL))		101 %	73.3	1-129	1022201	MS	22-Feb-21	8021B	
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	
Surrogate: 1-Chlorooctane			103 %	44.3	:-144	1022207	MS	22-Feb-21	8015B	
Surrogate: 1-Chlorooctadecane			99.3 %	42.2	2-156	1022207	MS	22-Feb-21	8015B	

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32.0

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

Analytical Results For:

BBC International, Inc.

P.O. Box 805 Hobbs NM, 88241

Chloride

Project: SMOKEY BITS CTB

Project Number: (11-7-20) Project Manager: Cliff Brunson

1021905

GM

19-Feb-21

Reported: 25-Feb-21 14:56

4500-Cl-B

Fax To: (575) 397-0397

SP 6 @ 4'

H210392-34 (Soil)

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

mg/kg

16.0

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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

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 1021701 - 1:4 DI Water										
Blank (1021701-BLK1)				Prepared &	Analyzed:	17-Feb-21				
Chloride	ND	16.0	mg/kg							
LCS (1021701-BS1)				Prepared &	Analyzed:	17-Feb-21				
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (1021701-BSD1)				Prepared &	Analyzed:	17-Feb-21				
Chloride	416	16.0	mg/kg	400		104	80-120	3.77	20	
Batch 1021904 - 1:4 DI Water										
Blank (1021904-BLK1)				Prepared &	Analyzed:	19-Feb-21				
Chloride	ND	16.0	mg/kg							
LCS (1021904-BS1)				Prepared &	Analyzed:	19-Feb-21				
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (1021904-BSD1)				Prepared &	Analyzed:	19-Feb-21				
Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	
Batch 1021905 - 1:4 DI Water										
Blank (1021905-BLK1)				Prepared &	z Analyzed:	19-Feb-21				
Chloride	ND	16.0	mg/kg		·		·			
LCS (1021905-BS1)				Prepared &	Analyzed:	19-Feb-21				
Chloride	400	16.0	mg/kg	400		100	80-120			

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Celeg D. Keene

Reported:

25-Feb-21 14:56



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

Inorganic Compounds - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

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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Celeg D. Keene

Celey D. Keene, Lab Director/Quality Manager

Page 39 of 51



%REC

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

Spike

Source

Reported: 25-Feb-21 14:56

RPD

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
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 & Analyz	zed: 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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Celeg D. Keene

Celey D. Keene, Lab Director/Quality Manager



%REC

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

Spike

Source

Reported:

25-Feb-21 14:56

RPD

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Reporting

	Reporting		Spike	Source		/0KEC		KrD	
Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
			Prepared &	: Analyzed:	19-Feb-21				
2.09	0.050	mg/kg	2.00		105	72.2-131			
2.07	0.050	mg/kg	2.00		103	71.7-126			
2.00	0.050	mg/kg	2.00		100	68.9-126			
5.84	0.150	mg/kg	6.00		97.3	71.4-125			
0.0489		mg/kg	0.0500		97.8	73.3-129			
			Prepared &	Analyzed:	19-Feb-21				
2.17	0.050	mg/kg	2.00		108	72.2-131	3.61	14.6	
2.15	0.050	mg/kg	2.00		108	71.7-126	4.14	17.4	
2.09	0.050	mg/kg	2.00		104	68.9-126	3.95	18.9	
6.07	0.150	mg/kg	6.00		101	71.4-125	3.93	18.5	
0.0495		mg/kg	0.0500		99.1	73.3-129			
			Prepared &	: Analyzed:	22-Feb-21				
ND	0.050	mg/kg							
ND	0.050	mg/kg							
ND	0.050	mg/kg							
ND	0.150	mg/kg							
ND	0.300	mg/kg							
ND		mg/kg	0.0500		98.0	73.3-129			
			Prepared &	Analyzed:	22-Feb-21				
1.91	0.050	mg/kg	2.00		95.7	72.2-131			
1.89	0.050	mg/kg	2.00		94.3	71.7-126			
		/1	2.00		91.8	68.9-126			
1.84	0.050	mg/kg	2.00		91.0	00.9-120			
1.84 5.40	0.050 0.150	mg/kg mg/kg	6.00		90.0	71.4-125			
	2.09 2.07 2.00 5.84 0.0489 2.17 2.15 2.09 6.07 0.0495 ND ND ND ND ND ND	2.09	Result Limit Units 2.09 0.050 mg/kg 2.07 0.050 mg/kg 2.00 0.050 mg/kg 5.84 0.150 mg/kg 0.0489 mg/kg mg/kg 2.17 0.050 mg/kg 2.15 0.050 mg/kg 2.09 0.050 mg/kg 6.07 0.150 mg/kg 0.0495 mg/kg ND 0.050 mg/kg ND 0.050 mg/kg ND 0.300 mg/kg ND 0.300 mg/kg ND 0.300 mg/kg ND 0.300 mg/kg	Result Limit Units Level	Prepared & Analyzed: 2.09	Result Limit Units Level Result %REC	Prepared & Analyzed: 19-Feb-21 2.09 0.050 mg/kg 2.00 105 72.2-131 2.07 0.050 mg/kg 2.00 103 71.7-126 2.00 0.050 mg/kg 2.00 100 68.9-126 5.84 0.150 mg/kg 6.00 97.3 71.4-125 0.0489 mg/kg 0.0500 97.8 73.3-129 Prepared & Analyzed: 19-Feb-21 2.17 0.050 mg/kg 2.00 108 72.2-131 2.15 0.050 mg/kg 2.00 108 71.7-126 2.09 0.050 mg/kg 2.00 104 68.9-126 6.07 0.150 mg/kg 6.00 101 71.4-125 0.0495 mg/kg 6.00 101 71.4-125 0.0495 mg/kg 0.050 99.1 73.3-129 ND 0.050 mg/kg 0.050 99.1 73.3-129 ND 0.050 mg/kg<	Prepared & Analyzed: 19-Feb-21	Result

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



%REC

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

Spike

Source

Reported: 25-Feb-21 14:56

RPD

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Reporting

		recporting		Spine	Bource		/orch		IG D	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 1022201 - Volatiles										
LCS Dup (1022201-BSD1)				Prepared &	: Analyzed:	22-Feb-21	l			
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	l			
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	I			
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	I			
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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Celeg D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc. P.O. Box 805 Hobbs NM, 88241

Batch 1021801 - General Prep - Organics

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

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Blank (1021801-BLK1)				Prepared & Ana	lyzed: 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 & Ana	lyzed: 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-BSD1)				Prepared & Ana	lyzed: 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	

Batch 1021903 - General Prep - Or	ganics
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Total TPH C6-C28

Surrogate: 1-Chlorooctane

Surrogate: 1-Chlorooctadecane

Blank (1021903-BLK1)				Prepared & Analy	zed: 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	

mg/kg

mg/kg

mg/kg

400

50.0

50.0

107

82.7

81.7

83.1-133

44.3-144

42.2-156

0.848

17.7

10.0

430

41.3

40.8

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Celeg D. Keine



%REC

Limits

RPD

Analytical Results For:

BBC International, Inc. P.O. Box 805 Hobbs NM, 88241

Analyte

Project: SMOKEY BITS CTB Project Number: (11-7-20)

Spike

Level

Source

Result

%REC

Reported: 25-Feb-21 14:56

RPD

Limit

Notes

Project Manager: Cliff Brunson Fax To: (575) 397-0397

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Units

Reporting

Limit

Result

LCS (1021903-BS1)				Prepared & Anal	yzed: 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-BSD1)				Prepared & Anal	yzed: 19-Feb-21	l		
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		

Blank (1022203-BLK1)				Prepared & Anal	lyzed: 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 & Anal	lyzed: 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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Celeg D. Keine

Reported:

25-Feb-21 14:56



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

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 1022203 - General Prep - Organics										
LCS Dup (1022203-BSD1)				Prepared &	z 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 &	z 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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Celeg D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

Reported: 25-Feb-21 14:56

Fax To: (575) 397-0397

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 1022402 - General Pren - Organics										

Batch 1022402 - General Prep - Organics									
Blank (1022402-BLK1)				Prepared & Anal	yzed: 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 & Anal	yzed: 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-BSD1)				Prepared & Anal	yzed: 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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Celeg D. Freene



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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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240	NES 88240 2476	ANALYSIS REQUEST
(505) 393-2326 FAX (505) 393-24/6	BILL TO	ANALISIS
Company Name: BBC International, Inc.	# O #	
Project Manager: Cliff Brunson		
D O Box 805	Company: OXY	
Address: P.O. Box ood	Attn: WADE	
State: I	-	
307_6388	Fax #: 575-397-0397 Address:	
Phone #: 010-001 Cook	City:	
1		

101	101 East Manand, 110000, 1111	6			ANALYSIS REQUEST	
Company Name: B	BBC International, Inc.		BILL 10			
	Cliff Brunson					
			27			
	State: N	-	Attn: WADE			
575-397-6388	Fax #:	575-397-0397	Address:			_
FIGURE #.	Project Owner: Oxy		City:			
	SMOKEY BITS CTB (11-7-20)		State: ZIP:			
Project Location:	EDDY COUNTY, NM	D	Phone #:			
Project Location.	0:	TI	Fax #:			
Sampler Name:	Simon Rendon	MATRIX	PRESERV. SAMPLING			
FOR LAB USE ONLY		TER R				
Lab I.D.	Sample I.D.	CONTAINERS ROUNDWATE VASTEWATER OIL SLUDGE	OTHER: ACID/BASE: CE / COOL OTHER:	CL BTEX TPH EXT		
Halozia	O Curtino	- # G V - S	1 2/17/21	9:10 AM 🗸 🗸		
-	N @ SUTTACE	- 0	2/17/21 9:2			
_	E @ Sunace		2/17/21 9:3	9:30 AM		
(V)	W @ Surface		2/17/21 9:4	9:42 AM V V		
-	S @ Surface		2/17/21 10:	10:02 AM 4 4 4		
√.	SP1 @ Surface		2/17/21 10:	10:14 AM 🗸 🗸 🗸		
000	SP1 @ 1'		2/17/21 10	10:32 AM 🗸 🗸 🔻		
7	SP1 @ 2'		2/17/21 10	10:41 AM 🗸 🗸 🗸		
8	SP1 @ 3'		2/17/21 10	10:52 AM V V	12/2/4 8 100	
9	SP1 @ 4'	4	2/17/21 11	11:00 AM V	1	
0 Sease NOTE: Liability and	/0 SP1 @ 5' The clarific support of the clarific exclusive remady for any carm arising whether based in contract or tort, shall be limited to the amount paid by the clarific tort for the policiable and Damages. Cardinals liability and client's exclusive remady for any carm arising whether based in contract or tort, shall be limited to the amount paid by the clerk for the policiable and Damages. Cardinals liability and client's exclusive remady for any carm arising whether based in contract or tort, shall be limited to the amount paid by the clerk for the policiable and paid to the amount paid by the clerk for the policiable and paid to the amount paid by the clerk for the policiable and paid to the amount paid by the clerk for the policiable and paid to the amount paid by the clerk for the policiable and paid to the amount paid by the clerk for the paid to the amount paid by the clerk for the paid to the paid to the amount paid by the clerk for the paid to the paid to the shall be limited to the amount paid by the clerk for the paid to the paid	y for any claim arising whether based in contract or tort, shall as no deemed waived unless made in writing and received by	t or tort, shall be limited to the amount paid by or tort, shall be limited to the amount paid by or tort and a received by Cardinal within 30 days after own deciring the cardinal by client	paid by the client for the after completion of the applicable by client, its subsidiaries.		
analyses. All claims including service. In no event shall Car	analyses. All claims including those for negligence and any ones customers. Including without limitation, business interruptions, loss of use, or now or provide account of the access tasked reasons or otherwise, service in no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or now of the access stated reasons or otherwise, service in no event shall Cardinal be liable for incidental or consequents and access to the cardinal regardless of whether such claim is based upon any of the access stated reasons or otherwise. Phone Results	cluding without limitation, business interruptions, by Cardinal, regardless of whether such claim	is based upon any of the above stated reason	Yes D	No Add'l Phone #:	
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Relinquished By:			(
	Time:		CHECKED BY:			
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Sampler - UPS	Sampler - UPS - Bus - Other:	#113 Pres Pres	es to			
	-	١				

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

101 Eas	101 East Maliand, 110000, 1111				ANALYSIS R	REQUEST	
	International Inc		BILL TO		- 1		
Company Name: BBC	BBC Intelliational, inc.	P.O.	**				
Project Manager. Cilli Didison	Didison	Con	Company: OXY				
Address: P.O. Box out		88241	n: WADE				
city: Hobbs	State:		S				
Phone #: 5/5-39/-0300	rax #.						
Project #:	Project Owner: Oxy						
	SMOKEY BITS CTB (11-7-20)	State:	te: ZIP:				
Project Name: EDI	EDDY COUNTY, NM	Pho	Phone #:				
Project Location:		Fax #:	**:				
Sampler Name: Sim	Simon Rendon	MATRIX	PRESERV. SAMPLING				
FOR LAB USE ONLY		VATER VATER	SE: OOL		EXT		
Lab I.D.	Sample I.D.	G)RAB OF CONTA	ACID/BA ICE / CO OTHER DATE	CL BTEX		203/2	
H210346		- # V - \$	1 2/17/21	×	X Comme		
2 7	® curtace	- 0	2/17/21 1				
12 SP2	@ Sullace		2/17/21 1	11:26 AM 🗸 🗸			
13 SP2	@ 1'		2/17/21 1	11:38 AM 🗸 🗸	<		
14 SP2	@ 2'		2/17/21 1	11:49 AM			
/5 SP2	@ 3'		2/17/21 1	12:04 PM 🗸 🗸			
16 SP3	@ Surface		2/17/21 1	12:46 PM 🗸 🗸			
17 SP3	SP3 @ 1'		2/17/21 1	12:54 PM 🗸 🗸	_		
18 SP3	SP3 @ 2'		2/17/21 1	1:02 PM 🗸 🗸	_		
	SP3 @ 3'		2/17/21 1	1:12 PM V	_		
<i>₩</i> SP4	SP4 @ Surface Charge Cardinal's liability and client's exclusive remedy	for any claim arising whether based in contract or tort, shall be little or any claim arising whether based in contract or tort, shall be little or any claim.	tort, shall be limited to the amount paid oceived by Cardinal within 30 days after	unt paid by the client for the ays after completion of the applicable			
PLEASE NOTE: Liability and Johnson for regigence and any other analyses. All claims including those for regigence and any other service. In no event shall Cardinal be liable for incidental or cons.		cause whatsoever shall be deemed warved units a more in the complete shall be deemed warved units a manages, including without limitation, business interruptions, loss quental damages, including without limitation, business of whether such claim is to	s of use, or loss of profits incurred by divided the second of the showe stated reasons and the shows stated reasons.	4	□ No	#	
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Relinquished By:	Time:	_	,				
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Delivered by Control	is - Other: 27	#13 Pres Pres	•				
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(EDE) 393-2326 FAX (505) 393-24/6		ANALYSIS REQUEST
(900) 000 2020	BILL TO	
Company Name: BBC International, IIIC.	D .	
Project Manager: Cliff Brunson	7.0. #	
B O Boy 805	Company: OXY	
Address: 1.0. Dox ood	A than	
State: NM Zip: 0024	241 MINIT WADE	
Eax#: 575-397-0397	7 Address:	
TIOID T.		

TOT Edoc Indicated, 1992 3476						
5		BILL TO			ANALYSIS REGUES!	
Company Name: BBC International, Inc.	P.O. #:					
Project Manager: Cliff Brunson						
30x 805	Compa	iny: OXY				
bbs State: N	41 Attn:	WADE				
5-397-6388 Fax #:	575-397-0397 Address:	35:				
Project Owner: Oxy)xy City:					
SMOKEY BITS CTB	State:	Zip:				
EDDY COUNTY, NM	Phone #:	#				
Project Location.	Fax #:					
Sampler Name: Simon Kendon	MATRIX PRI	PRESERV SAMPLING				
FOR LABUSE ONLY Sample I.D. OR OR OR OR OR OR OR OR OR O	AINERS DWATER WATER E	OOL E:		EXT		
3	CONT	OTHER DATE	TIME	BTE		
SPA @ 1'	-		1:23 PM 🗸			
074@		2/17/21 1	1:34 PM 🗸	< <		
SP4 @ 2		2/17/21 1	1:47 PM 🗸	4		
25 SP4 @ 3			1:58 PM			
24 SP4 @ 4'			2:12 PM 🗸	< <		
SP5 @ Surface		2/17/21	2:24 PM 🗸	4		
SP5 @ 1"		2/17/21	2:38 PM 🗸	4		
27 SP5 @ 2"		2/17/21	2:51 PM 🗸	1		
-		2/17/21	3:04 PM			
SPS	<	2/17/21	3:17 PM 🗸	7 7		
30 SP6 @ Sufface PLEASE NOTE: Liability and Chamages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the PLEASE NOTE: Liability and Chamages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be directly client to supplicable. PLEASE NOTE: Liability and Chamages. Cardinal's liability and client's exclusive remedy for any client or to the contract or c	y claim arising whether based in contract or tort, shemed waived unless made in writing and received	hall be limited to the amount paid by the client for the d by Cardinal within 30 days after completion of the a or loss of profits incurred by client, its subsidiaries	by the client for the completion of the applica- tent, as subsidiaries,	able		
service. In no event shall Cautinab be liable for incidental or consequental damages, including without mission, uservice. In no event shall Cautinab be liable for incidental or consequental damages, including without mission, uservice in the event shall Cautinab be liable for incidental or consequental damages, including without mission, uservice in the sevent shall Cautinab be liable for incidental or consequental damages, including without mission, uservice in the sevent shall Cautinab be liable for incidental or consequental damages, including without mission, uservice in the sevent shall Cautinab be liable for incidental or consequental damages, including without mission, uservice in the sevent shall Cautinab be liable for incidental or consequental damages, including without mission, uservice in the sevent shall Cautinab be liable for incidental or consequental damages, including without missions, uservice in the sevent shall Cautinab be liable for incidental or consequental damages, including without missions, uservice in the sevent shall cautinab be sevent shall cautinab be sevent shall cautinab be sevent shall cautinab be shall be sevent shall be	rdinal regardless of whether such claim is based.	upon any of the above stated rear	Phone Result:	Yes D	No Add'l Phone #:	
Relinquished By: Date: Sale Time:	Received by:	Matter	Fax Result: REMARKS:	Yes		
Relinquished By: Date:	Verdison of					
Delivered By: (Circle One)	Sample Condition Cool Intact	(Initials)				
Sampler - UPS - Bus - Other: 2.7	#//3 Tres Tres	10				

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

	(505) 393-2326 FAX (505) 393-24/6		BILLTO			ANA	ANALYSIS RE	REQUEST	
Company Name:	Company Name: BBC International, Inc.			-	-				
Project Manager:	: Cliff Brunson					_			_
Address: P.O. Box 805			Company: OXY						
city: Hobbs	State: N	41	Attn: WADE						
Phone #: 575-397-6388	Fax #:	575-397-0397 A	Address:						
Project #:	Project Owner: Oxy		City:						
ame:	SMOKEY BITS CTB (11-7-20)		State: Zip:						
	EDDY COUNTY, NM	70	Phone #:						
Floject Location.		71	Fax #:						
Sampler Name:	Simon Kendoli	MATRIX	PRESERV SAMPLING	NG					
Lab I.D.	Sample I.D.	UDGE	THER: CID/BASE: EE/COOL THER:	CL	BTEX	TPH EXT			
H210372		# G V S O S	- IC	3:26 PM 🗸	<	\ 			
31	SP6000	G -	2/17/21	3:35 PM 🗸	<	_			
32	SF6@ Z		2/17/21	3:43 PM 🗸	<	<			
SU	SP6 @ 3			3-50 PM					
34	SP6 @ 4"	\(\delta \)	4	_					
PLEASE NOTE: Liability analyses. All claims includes the property shall	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or ton, shall be limited to the amount paid by the client for the planty of the client of the applicable analyses. All claims including those for negligence and any other claims whatsoewer shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. All claims including those for negligence and any other claims whatsoewer shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable.	any claim arising whether based in contract of deemed waved unless made in writing and ng without limitation, business interruptions, k	or tort, shall be limited to the amount p received by Cardinal within 30 days at coss of use, or loss of profits incurred b	ad by the client for the ter completion of the app client, its subsidiaries, easons or otherwise	licable				
Relinquished By:	By: Date: Date: Date: Date: Date: Date: Date: Date:	Received By: Received By: Received By:	Mildaball	Phone Result: Fax Result: REMARKS:	□ Yes	N O	Add'l Phone #: Add'l Fax #:		
	Time:								

Delivered By: (Circle One)
Sampler - UPS - Bus - Other:

2.70

Sample Condition
Cool Intact
Tyes Tyes
No No

CHECKED BY:



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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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.

Celey D. Keene

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



Tamara Oldaker

Sample Received By:

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

Reported: 04/16/2021 Sampling Type: Soil
Project Name: SMOKEY BITS CTB Sampling Condition: Cool & Intact

Project Location: OXY - EDDY COUNTY, NM

11/7/2020

Sample ID: SP 3 @ 4' (H210921-01)

Project Number:

BTEX 8021B	mg,	/kg	Analyze	d 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	% 73.3-12	9						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	100	% 42.2-15	6						

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Celey D. Keene



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 Sample Received By: Tamara Oldaker Project Number: 11/7/2020

Project Location: OXY - EDDY COUNTY, NM

Sample ID: SP 3 @ 5' (H210921-02)

BTEX 8021B	mg/	kg	Analyze	d 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	102 5	73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyze	d 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	Analyze	d 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	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	97.3	% 42.2-15	6						

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Celey D. Keine



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, SM4500CI-B	mg	/kg	Analyze	d 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	

Cardinal Laboratories *=Accredited Analyte

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

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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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Relinquished By:

Relinquished By:

Date: 12-21 Time: 01

Received By:

Received By

Phone Result: Fax Result: REMARKS:

□ Yes

O No

Add'l Phone #: Add'l Fax #:

Time:

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

	ישייים (טיט) אאן מצני-נפני (טיט)	3								מוס סב	TOTILOT	
Company Name:	BBC International, Inc.			B	BILL TO				ANALYSIS	OIO RE	KEWUESI	
Project Manager: Cliff Brunson	Cliff Brunson			P.O. #:								
Address: P.O. Box 805	Box 805			Company:			11					
city: Hobbs	State: NM	Zip:	Zip: 88241	Attn:								
Phone #: 575-397-6388	Fax #:	575-397-0397	-0397	Address:								
Project #:	Project Owner: Oxy	er: Ox	V	City:								
Project Name: S	Project Name: Smokey Bits CTB			State:	Zip:							
Project Location	Project Location: Eddy County NM			Phone #:			2					
Sampler Name:	Simon Rendon			Fax #:			90					
FOR LAB USE ONLY			MATRIX	PRESERV.	SAMPLING	ING	9					
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	DATE	TIME	TPH EXA BTEX	CI				
-)	,	- s	- 1	4/12/21	9-20am	. / /	<				
	3F3 @ 4	. 0										
2	SP3 @ 5'				4/12/21	9:37am	< <	, <				
(s)	Sp3 @ 6	<	4	<	4/12/21	10:08am		7				
											-	
PLEASE NOTE: Liability ar	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the applicable arising whether based in contract or tort, shall be limited to the amount paid by the client for the applicable arising and received by Cardinal within 30 days after completion of the applicable	or any clain be deemed	n arising whether based in contr waived unless made in writing	act or tort, shall be limit and received by Cardin	ed to the amount p al within 30 days a	aid by the client fo ter completion of t	r the he applicable					

Delivered By: (Circle One)
Sampler - UPS - Bus - Other:

3400

#13

Sample Condition
Cool Intact
Pres Pres
No No

CHECKED BY:

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

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:	OGRID:
COLGATE OPERATING, LLC	371449
300 North Marienfeld Street	Action Number:
Midland, TX 79701	168418
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

1	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