Form C-141

Revised August 8, 2011

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

State of New Mexico Energy Minerals and Natural Resources

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

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

Release Notification and Corrective Action												
						OPE	RAT	OR		✓ Initial	Report	☐ Final Report
Name of Co		Chevron U		1 777 70706		Conta		Josepha DeLeor		11 42	2 425 15	
Address Facility Na				id, TX 79706				No. wk: 575-26 he: Oil Well	53-0424	t cell: 432	2-425-152	28
) UIIII #25		ļ		, ,,	e. On wen				
Surface Ow	ner Priv	ate		Mineral O	wner	Priv	ate			API No	. 30-025-	-36248
				LOCA					_			
Unit Letter	Section 27	Township 12S	Range 38E	Feet from the 2310	North South	n/South	Line	Feet from the 330	East/V East	Vest Line	County	Lea
Latitude 33.248740 Longitude; -103.07677 NATURE OF RELEASE												
Type of Rele	ase Spill					1		Release:			Recovered:	
Source of Re	lease Inje	ction Strainer	<u> </u>			Date	e and H	s produced water Iour of Occurrence 7; 12:00 AM		Date and	produced v Hour of Di 7; 12:00 A	iscovery
Was Immedi	ate Notice G		Yes 🗌	No 🗌 Not Re	equired	If Y	ES, To	Whom? Olivia Yu			.,	
By Whom?	Josepha D							Iour: 04/05/2017				
Was a Water	course Reac		Yes 🛚	No		If YES, Volume Impacting the Watercourse.						
N/A Describe Cau	Describe Cause of Problem and Remedial Action Taken.* Cracked injection strainer, releasing 9.22 barrels of produced water into a bermed containment.											
Describe Are	a Affected a	and Cleanup A	Action Tak	en.*								
Shut lease in	. Vacuum tr	ruck extracted	l liquid. Re	epaired injection s	strainer	·.						
regulations a public health should their	Il operators a or the envir operations ha nment. In a	are required to onment. The ave failed to addition, NMC	o report an acceptance	is true and compled/or file certain ree of a C-141 repoinvestigate and retained of a C-141 repoinvestigate.	elease i ort by tl emedia	notifica ne NMC te conta	tions an OCD m aminati	nd perform correct arked as "Final R on that pose a thr	ctive acti eport" d eat to gr	ons for rele oes not reli ound water	eases whic eve the op , surface v	h may endanger erator of liability vater, human health
	gulez) M						OIL CON	SERV	ATION	DIVISI	<u>ON</u>
Signature:	Gradia					A	arad har	Environmental S	م دادانه	. Ľ	94	
Printed Name	e: Josepha	n DeLeon				Аррго	ved by			·•		
Title: HES	Compliance	e Support - E	nvironmen	tal		Appro	val Dat	te: 4/24/2017	7	Expiration 1	Date:	
E-mail Addre	ess: jdxd@	chevron.con	n					f Approval:	otivo	1	Attache	ed 🔽
Date 04/19/2	2017		see attached directive									

* Attach Additional Sheets If Necessary

1RP-4684

nOY1711428756

pOY1711429637

Operator/Responsible Party,

The OCD has received the form C-141 you provided on _4/20/2017_ regarding an unauthorized release. The information contained on that form has been entered into our incident database and remediation case number __1R-_4684_ has been assigned. Please refer to this case number in all future correspondence.

It is the Division's obligation under both the Oil & Gas Act and Water Quality Act to provide for the protection of public health and the environment. Our regulations (19.15.29.11 NMAC) state the following,

The responsible person shall complete <u>division-approved corrective action</u> for releases that endanger public health or the environment. The responsible person shall address releases in accordance with a remediation plan submitted to and approved by the division or with an abatement plan submitted in accordance with 19.15.30 NMAC. [emphasis added]

Release characterization is the first phase of corrective action unless the release is ongoing or is of limited volume and all impacts can be immediately addressed. Proper and cost-effective remediation typically cannot occur without adequate characterization of the impacts of any release. Furthermore, the Division has the ability to impose reasonable conditions upon the efforts it oversees. As such, the Division is requiring a workplan for the characterization of impacts associated with this release be submitted to the OCD District _1_ office in __Hobbs____ on or before _5/24/2017_. If and when the release characterization workplan is approved, there will be an associated deadline for submittal of the resultant investigation report. Modest extensions of time to these deadlines may be granted, but only with acceptable justification.

The goals of a characterization effort are: 1) determination of the lateral and vertical extents along with the magnitude of soil contamination. 2) determine if groundwater or surface waters have been impacted. 3) If groundwater or surface waters have been impacted, what are the extents and magnitude of that impact. 4) The characterization of any other adverse impacts that may have occurred (examples: impacts on vegetation, impacts on wildlife, air quality, loss of use of property, etc.). To meet these goals as quickly as possible, the following items must, at a minimum, be addressed in the release characterization workplan and subsequent reporting:

- Horizontal delineation of soil impacts in each of the four cardinal compass directions. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C₆ thru C₃₆), and for chloride by Method 300. This is not an exclusive list of potential contaminants. Analyzed parameters should be modified based on the nature of the released substance(s). Soil sampling must be both within the impacted area and beyond.
- Vertical delineation of soil impacts. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C₆ thru C₃₆), and for chloride by Method 300. As above, this is not an exclusive list of potential contaminants and can be modified. Vertical characterization samples should be taken at depth intervals no greater than five feet apart. Lithologic description of encountered soils must also be provided. At least ten vertical feet of soils with contaminant concentrations at or below these values must be demonstrated as existing above the water table.
- Nominal detection limits for field and laboratory analyses must be provided.
- Composite sampling is not generally allowed.
- Field screening and assessment techniques are acceptable (headspace, titration, EC [include algorithm for validation purposes], EM, etc.), but the sampling and assay procedures must be clearly defined. Copies of field notes are highly desirable. A statistically significant set of split samples must be submitted for confirmatory laboratory analysis, including the laterally farthest and vertically deepest sets of soil samples. Make sure there are at least two soil samples submitted

for laboratory analysis from each borehole or test pit (highest observed contamination and deepest depth investigated). Copies of the actual laboratory results must be provided including chain of custody documentation.

- •Probable depth to shallowest protectable groundwater and lateral distance to nearest surface water. If there is an estimate of groundwater depth, the information used to arrive at that estimate must be provided. If there is a reasonable assumption that the depth to protectable water is 50 feet or less, the responsible party should anticipate the need for at least one groundwater monitoring well to be installed in the area of likely maximum contamination.
- If groundwater contamination is encountered, an additional investigation workplan may be required to determine the extents of that contamination. Groundwater and/or surface water samples, if any, must be analyzed by a competent laboratory for volatile organic hydrocarbons (typically Method 8260 full list), total dissolved solids, pH, major anions and cations including chloride and sulfate, dissolved iron, and dissolved manganese. The investigation workplan must provide the groundwater sampling method(s) and sample handling protocols. To the fullest extent possible, aqueous analyses must be undertaken using nominal method detection limits. As with the soil analyses, copies of the actual laboratory results must be provided including chain of custody documentation.
- Accurately scaled and well-drafted site maps must be provided providing the location of borings, test pits, monitoring wells, potentially impacted areas, and significant surface features including roads and site infrastructure that might limit either the release characterization or remedial efforts. Field sketches may be included in subsequent reporting, but should not be considered stand-alone documentation of the site's layout. Digital photographic documentation of the location and fieldwork is recommended, especially if unusual circumstances are encountered.

Nothing herein should be interpreted to preclude emergency response actions or to imply immediate remediation by removal cannot proceed as warranted. Nonetheless, characterization of impacts and confirmation of the effectiveness of remedial efforts must still be provided to the OCD before any release incident will be closed.

Jim Griswold

OCD Environmental Bureau Chief 1220 South St. Francis Drive Santa Fe, New Mexico 87505 505-476-3465 jim.griswold@state.nm.us Received by OCD: 2/21/2022 2:09:07 PM State of New Mexico
Page 3 Oil Conservation Division

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Incident ID	NOY1711428756
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<50_(ft bgs)								
Did this release impact groundwater or surface water?	Yes X 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 X 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 X No								
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	Yes X No								
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	Yes X 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 X No								
Are the lateral extents of the release overlying an unstable area such as karst geology?	Yes X No								
Are the lateral extents of the release within a 100-year floodplain?	Yes X No								
Did the release impact areas not on an exploration, development, production, or storage site?	Yes X 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 									

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.

Topographic/Aerial maps

x Laboratory data including chain of custody

Received by OCD: 2/21/2022 2:09:07 PM Form C-141 State of New Mexico Page 4 Oil Conservation Division

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Incident ID	NOY1711428756	
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Facility ID		
Application ID		

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.									
Printed Name:Jeffery Tew	Title: Operations Engineer								
Signature: Jeffery Tew	Date: <u>2/21/2022</u>								
email:jtew@aecnm.com	Telephone: <u>575-623-2999</u>								
OCD Only									
Received by:	Date:								

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Incident ID	NOY1711428756
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Application ID	

Closure

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

Closure Report Attachment Checklist: Each of the following items n	nust be included in the closure report.									
X A scaled site and sampling diagram as described in 19.15.29.11 NMAC										
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)										
X Description of remediation activities										
I hereby certify that the information given above is true and complete to the and regulations all operators are required to report and/or file certain release may endanger public health or the environment. The acceptance of a C-14 should their operations have failed to adequately investigate and remediate human health or the environment. In addition, OCD acceptance of a C-14 compliance with any other federal, state, or local laws and/or regulations. restore, reclaim, and re-vegetate the impacted surface area to the condition accordance with 19.15.29.13 NMAC including notification to the OCD with the Printed Name: Jeffery Tew	se notifications and perform corrective actions for releases which 41 report by the OCD does not relieve the operator of liability e contamination that pose a threat to groundwater, surface water, 1 report does not relieve the operator of responsibility for The responsible party acknowledges they must substantially as that existed prior to the release or their final land use in then reclamation and re-vegetation are complete. perations Engineer									
OCD Only Received by:	Date:									
Received by.	Duc									
Closure approval by the OCD does not relieve the responsible party of liab remediate contamination that poses a threat to groundwater, surface water, party of compliance with any other federal, state, or local laws and/or regularity of compliance with any other federal, state, or local laws and/or regularity of compliance with any other federal, state, or local laws and/or regularity of the compliance with any other federal, state, or local laws and/or regularity of the compliance with any other federal, state, or local laws and/or regularity of the compliance with any other federal, state, or local laws and/or regularity of the compliance with any other federal, state, or local laws and/or regularity of the compliance with any other federal, state, or local laws and/or regularity of the compliance with any other federal, state, or local laws and/or regularity of the compliance with any other federal compliance	human health, or the environment nor does not relieve the responsible									
Closure Approved by:	Date: 06/21/2022									
Printed Name: Jennifer Nobui	Title: Environmental Specialist A									

wsp

WSP USA

3300 North "A" Street Building 1, Unit 222 Midland, Texas 79705 432.704.5178

February 17, 2022

District 1 - Hobbs New Mexico Oil Conservation Division 1625 N. French Drive Hobbs, New Mexico 88240

Re: Closure Request

Trinity Burrus Abo Unit #025
Incident Number NOY1711428756
Lea County, New Mexico

To Whom It May Concern:

WSP USA Inc. (WSP), on behalf of Armstrong Energy Corporation (Armstrong), presents the following Closure Request detailing site assessment and soil sampling activities at the Trinity Burrus Abo Unit #025 (Site) located in Unit I, Section 27, Township 12 South, Range 38 East, in Lea County, New Mexico (Figure 1). The purpose of the site assessment and soil sampling activities was to assess for the presence or absence of impacts to soil following the release of produced water at the Site. Based on field observations, field screening activities, and soil sample laboratory analytical results, Armstrong is submitting this Closure Request and requesting no further action (NFA) for Incident Number NOY1711428756.

RELEASE BACKGROUND

On April 5, 2017, a crack developed in the injection strainer, resulting in the release of approximately 9.22 barrels (bbls) of produced water into the secondary containment. A vacuum truck was immediately dispatched to the Site to recover freestanding fluids; approximately 8 bbls of produced water were recovered. No released fluids escaped the bermed secondary containment. Chevron USA Inc. (Chevron), the previous owner and operator of the Site, reported the release to the New Mexico Oil Conservation Division (NMOCD) on a Release Notification and Corrective Action Form C-141 (Form C-141) on April 17, 2017 and the release was subsequently assigned Incident Number NOY1711428756.

The Site has transferred ownership from Chevron to Armstrong and as a result, Armstrong is completing the necessary site assessment activities to gain closure for the Site. The tank battery has been removed from the Site.

SITE CHARACTERIZATION

WSP characterized the Site according to Table 1, *Closure Criteria for Soils Impacted by a Release*, of Title 19, Chapter 15, Part 29, Section 12 (19.15.29.12) of the New Mexico Administrative Code



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(NMAC). Depth to groundwater at the Site is estimated to be less than 50 feet below ground surface (bgs) based on the nearest groundwater well data. The closest permitted groundwater well with depth to groundwater data is New Mexico Office of the State Engineer (NMOSE) well L-03531, located approximately 1,319 feet northwest of the Site. The groundwater well has a reported depth to groundwater of 42 feet bgs and a total depth of 96 feet bgs. All wells used for depth to groundwater determination are depicted on Figure 1. When viewed regionally, the Site falls in an area with depth to groundwater less than 50 feet bgs, with one corresponding data point within 0.5 miles of the Site. Data from the other southeastern water well (USGS well 331416103041301) were not included in the depth to water evaluation since the last depth to water measurements were from 1991, and not reflective of current depth to water measurements in the region. The referenced water well records are provided in Attachment 1.

The closest continuously flowing water or significant watercourse to the Site is a Freshwater Pond, located approximately 0.4 miles northeast of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low potential karst designation area). Site receptors are identified on Figure 1.

CLOSURE CRITERIA

Based on the results of the Site Characterization, the following NMOCD Table 1 Closure Criteria (Closure Criteria) apply:

Benzene: 10 milligrams per kilogram (mg/kg)

Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg

Total petroleum hydrocarbons (TPH): 100 mg/kg

Chloride: 600 mg/kg

SITE ASSESSMENT AND DELINEATION SOIL SAMPLING ACTIVITIES

On January 21, 2022, WSP personnel were at the Site to evaluate the release extent based on information provided on the Form C-141 and visual observations. WSP personnel advanced six boreholes (BH01 though BH06) via hand-auger within the approximate release extent to assess the presence or absence of soil impacts. WSP advanced boreholes BH01 and BH02 within the historical footprint of the tank battery and soil boreholes BH03 through BH06 on each side of the previous tank battery. Two soil samples were collected from each borehole at depths ranging from approximately 0.5-feet bgs to 1-foot bgs before encountering auger refusal due to the presence of well cemented caliche. Soil from the boreholes were field screened for volatile aromatic hydrocarbons and chloride utilizing a calibrated photo-ionization detector (PID) and



District 1 Page 3

Hach® chloride QuanTab® test strips, respectively. The borehole delineation soil sample locations are depicted on Figure 2. Field screening results and observations from the boreholes were documented on lithologic/soil sampling logs and are included as Attachment 2. The delineation boreholes were backfilled with the soil removed. Photographic documentation was conducted during the Site visit. The photographic log is included in Attachment 3.

The soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported at or below 4 degrees Celsius (°C) under strict chain-of-custody (COC) procedures to Eurofins Laboratories (Eurofins) in Carlsbad, New Mexico, for analysis of BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH- gasoline range organics (GRO), TPH- diesel range organics (DRO), and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following EPA Method 300.0.

SOIL ANALYTICAL RESULTS

Laboratory analytical results for delineation soil sample BH01 through BH06, collected at depths ranging from approximately 0.5 feet bgs to 1-foot bgs, indicated benzene, BTEX, , TPH, and chloride concentrations were all compliant with the Closure Criteria. Laboratory analytical results are summarized in Table 1 and depicted on Figure 2. The complete laboratory analytical report is included as Attachment 4.

CLOSURE REQUEST

Site assessment and delineation activities were conducted at the Site to address the April 05, 2017, produced water release. Once the release was discovered, Chevron immediately dispatched a vacuum truck to the Site to recover freestanding fluids and remove stained soil. Laboratory analytical results for the January 2022 delineation soil samples indicated benzene, BTEX, TPH, and chloride concentrations were all compliant with the Closure Criteria. With the absence of impacts to soil associate with the 2017 release, no further remediation appears necessary at this time.

Based on initial response efforts, absence of field screening results indicating soil impacts, and delineation soil analytical results compliant with the Closure Criteria, Armstrong respectfully requests NFA for Incident Number NOY1711428756. The finalized version of the Form C-141 is included in Attachment 5.

If you have any questions or comments, please do not hesitate to contact Mr. Daniel Moir at (303) 887-2946.

Sincerely,



District 1 Page 4

WSP USA Inc.

Kalei Jennings

Associate Consultant

Kacci Jennings

Daniel R. Moir, P.G.

Sr. Lead Consultant, Geologist

cc: Kyle Alpers, Armstrong Energy Corporation

Attachments:

Figure 1 Site Location Map

Figure 2 Delineation Soil Sample Locations

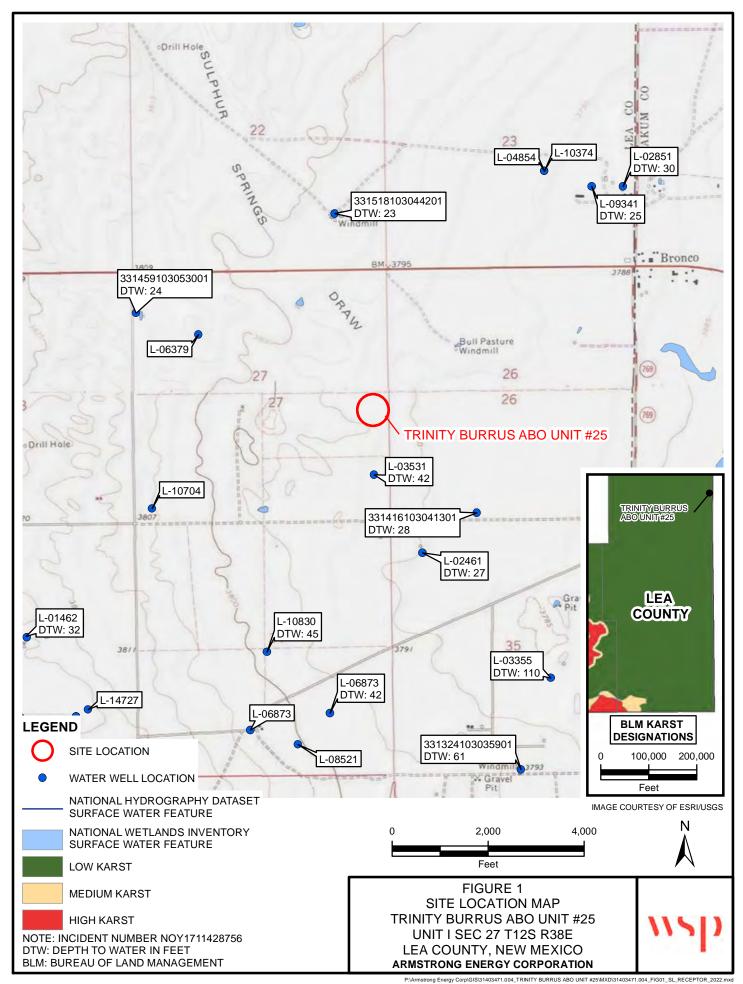
Table 1 Soil Analytical Results
Attachment 1 Referenced Well Records

Attachment 2 Lithologic/Sampling Logs

Attachment 3 Photographic Log

Attachment 4 Laboratory Analytical Reports

Attachment 5 Final C-141



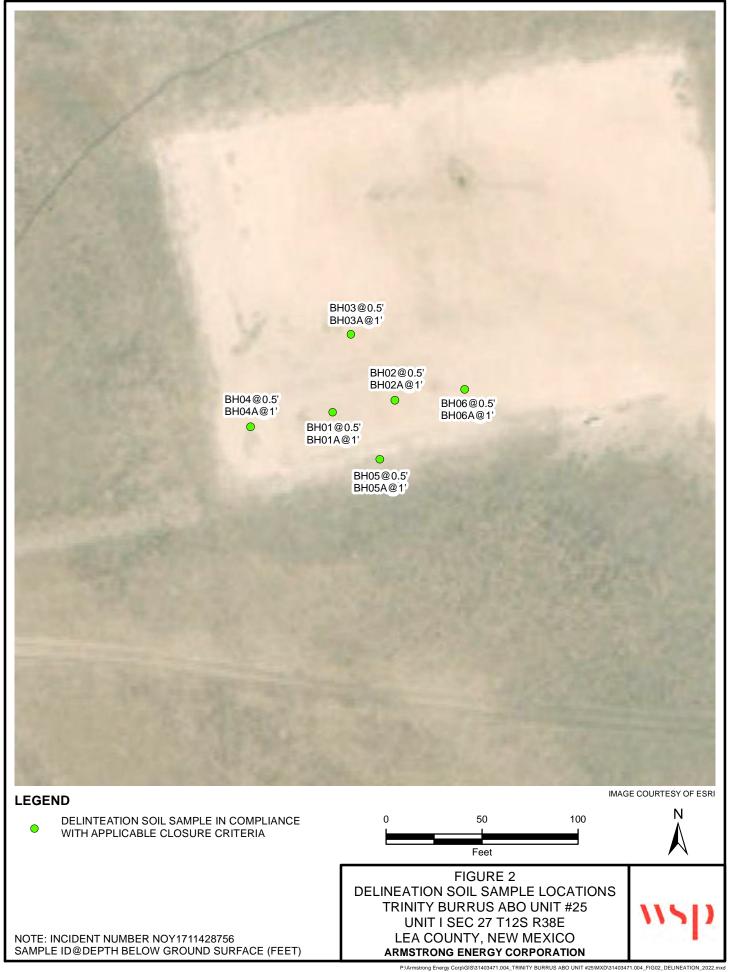


Table 1

Soil Analytical Results Trinity Burrus Abo Unit #025 Incident Number NOY1711428756 Lea County, New Mexico

Sample ID	Sample Date	Sample Depth (ft bgs)	Benzene (mg/kg)	BTEX (mg/kg)	TPH-DRO (mg/kg)	TPH-GRO (mg/kg)	TPH-ORO (mg/kg)	Total GRO+DRO (mg/kg)	TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table 1 Clo	osure Criteria (NM	10	50	NE	NE	NE	NE	100	600	
Preliminary Soil San	ıples									
BH01	0.5	01/21/2022	< 0.00198	< 0.00396	<50.0	<50.0	<50.0	<50.0	<50.0	42.2
BH01A	1	01/21/2022	< 0.00202	< 0.00403	<49.9	<49.9	<49.9	<49.9	<49.9	<4.98
BH02	0.5	01/21/2022	< 0.00200	< 0.00400	<50.0	<50.0	<50.0	<50.0	<50.0	11.1
BH02A	1	01/21/2022	< 0.00200	< 0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	8.22
BH03	0.5	01/21/2022	< 0.00202	< 0.00403	<49.9	<49.9	<49.9	<49.9	<49.9	65.5
ВН03А	1	01/21/2022	< 0.00200	< 0.00400	<50.0	<50.0	<50.0	<50.0	<50.0	59.9
BH04	0.5	01/21/2022	< 0.00200	< 0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	<5.05
BH04A	1	01/21/2022	< 0.00200	< 0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	<5.00
BH05	0.5	01/21/2022	< 0.00202	< 0.00404	<50.0	<50.0	<50.0	<50.0	<50.0	<4.99
BH05A	1	01/21/2022	< 0.00202	< 0.00403	<50.0	<50.0	<50.0	<50.0	<50.0	<4.98
BH06	0.5	01/21/2022	< 0.00199	< 0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	8.8
BH06A	1	01/21/2022	< 0.00198	< 0.00397	<50.0	<50.0	<50.0	<50.0	<50.0	9.01

Notes:

ft - feet/foot

mg/kg - milligrams per kilograms

BTEX - benzene, toluene, ethylbenzene, and total xylenes

TPH - total petroleum hydrocarbons

DRO - diesel range organics

GRO - gasoline range organics

ORO - oil range organics

NMOCD - New Mexico Oil Conservation Division

NMAC - New Mexico Administrative Code

< - indicates result is less than the stated laboratory method practical quantitation limit

NE - Not Established

BOLD - indicates results exceed the higher of the background sample result or applicable regulatory standard

Greyed data represents samples that were excavated



New Mexico Office of the State Engineer

Water Right Summary

get image list

WR File Number: L 03531 Subbasin: L Cross Reference:

Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE

Primary Status: PMT PERMIT

Total Acres: Subfile: - Header: -

Total Diversion: 0 Cause/Case: -

Owner: J C CRAIN DRILLING COMPANY

Documents on File

Status From/

Trn# Doc File/Act 1 2 Transaction Desc. To Acres Diversion Consumptive

FOSTER #1

get 493866 72121 1957-05-13 PMT LOG L 03531 (T) EXPIRED T

Current Points of Diversion

(NAD83 UTM in meters)

 POD Number
 Well Tag
 Source
 64 Q16 Q4 Sec Tws Rng
 X
 Y
 Other Location Desc

 L 03531
 Shallow
 2
 4
 4
 27
 128
 38E
 679135
 3680111*
 SHELLY/M A

An () after northing value indicates UTM location was derived from PLSS - see Help

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

2/1/22 9:48 AM WATER RIGHT SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag POD Number Q64 Q16 Q4 Sec Tws Rng

X Y

L 03531 2 4 4 27 12S 38E

679135 3680111*

Driller License: 111 **Driller Company:** BURKE, EDWARD B.

Driller Name: BURKE, EDWARD B.

 Drill Start Date:
 05/08/1957
 Drill Finish Date:
 05/08/1957
 Plug Date:
 07/17/1957

 Log File Date:
 05/15/1957
 PCW Rcv Date:
 Source:
 Shallow

Pump Type: Pipe Discharge Size: Estimated Yield:

Casing Size: 7.00 Depth Well: 96 feet Depth Water: 42 feet

Water Bearing Stratifications: Top Bottom Description

73 77 Sandstone/Gravel/Conglomerate

Casing Perforations: Top Bottom

50 82

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

2/1/22 9:50 AM

POINT OF DIVERSION SUMMARY

^{*}UTM location was derived from PLSS - see Help



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National Water Information System: Web Interface

USGS Water Resources	(Cooperator Access)	Data Category:		Geographic Area:		
obdo water Resources	(Cooperator Access)	Site Information	~	United States	~	GO

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- Full News

USGS 331416103041301 12S.38E.26.34340

Available data for this site SUMMARY OF ALL AVAILABLE DATA V GO

Well Site

DESCRIPTION:

Latitude 33°14'34", Longitude 103°04'11" NAD27 Lea County, New Mexico , Hydrologic Unit 12080006

Well depth: 60 feet

Land surface altitude: 3,790.30 feet above NGVD29.

Well completed in "High Plains aquifer" (N100HGHPLN) national aquifer.

Well completed in "Ogallala Formation" (1210GLL) local aquifer

AVAILABLE DATA:

Data Type	Begin Date	End Date	Count
Field groundwater-level measurements	1961-02-09	1991-02-07	3
Revisions	Unavailable (site:0) (timese	eries:0)

OPERATION:

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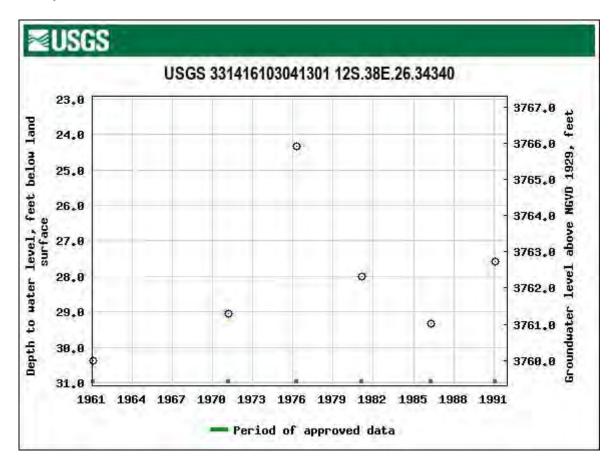
Title: NWIS Site Information for USA: Site Inventory URL: https://waterdata.usgs.gov/nwis/inventory?agency_code=USGS&site_no=331416103041301

Page Contact Information: New Mexico Water Data Support Team

Page Last Modified: 2022-02-01 11:51:17 EST

0.28 0.26 sdww01





LITHOLOGIC / SOIL SAMPLING LOG Lat/Long: 33.2488403, -103.0772324 Field Screening: Hach chloride strips, PID Comments: All chloride field screenings include a 40% correction factor M-moist; D-dry; Y-yes; N-no								BH or PH Name: Site Name: RP or Incident Numb WSP Job Number: Logged By: TC Hole Diameter: 3"	per: NOY1711 4	Date: 01/21/2021 Abo Unit #025 128756 Method: Hand Auger Total Depth: 1 foot	
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	(ft bgs)	Depth (ft bgs)	USCS/Rock Symbol			Lithology/Re	emarks
D D/M	<168 <168	0.5	Y	BH01 BH01A	0.5	0.5		CLAY, S	ROWN, POORL OME CALICHE,		GRAVEL, WITH SAND AND NO ODOR
									TD @ 1' FT BG		

Comments: All chloride field screenings include a 40% correction factor M-moist; D-dry; Y-yes; N-no									BH or PH Name: Site Name: RP or Incident Numb WSP Job Number: Logged By: TC Hole Diameter: 3"	oer: NOY17114	Date: 01/21/2021 Abo Unit #025 428756 Method: Hand Auger Total Depth: 1 foot
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	(ft bgs)		USCS/Rock Symbol		I	Lithology/Re	emarks
D D/M	<168 I <168	0.0	Y Y	BH02 BH02A	0.5	0.5	GP/GM GP/GM	AND CL	ROWN, POORLY AY, STAINED, N	Y GRADED O ODOR	GRAVEL, WITH SAND- SILT-
									TD @ 1' FT BG		

Lat/Lo	ments: All c	33.24884	403, -10	GIC / SOI 03.0772324 enings include	508 West risbad, Ne L SAMPI Field Scre Hach chloi de a 40% co	ening: ride strips, P orrection fact	88220 3 PID ttor	BH or PH Name: Site Name: RP or Incident Numb WSP Job Number: Logged By: TC Hole Diameter: 3"	per: NOY1711	Date: 01/21/2021 Abo Unit #025 128756 Method: Hand Auger Total Depth: 1 foot	
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	(ft bgs)		USCS/Rock Symbol		Lithology/Re	emarks	
D D/M	174.2	0.0	Y Y	BH03A	0.5	0.5		AY, SOME CALI		GRAVEL, WITH SAND- IED, NO ODOR	SILT-

Lat/Lc Comn M-mo		33.24884	403, -10	Ca GIC / SOI 03.0772324	508 West rlsbad, Ne L SAMP Field Scre Hach chlo	ening: ride strips, P	88220 G	BH or PH Name: Site Name: RP or Incident Num WSP Job Number: Logged By: TC Hole Diameter: 3"		
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol		Lithology/Re	emarks
D D/M	<168 <168	0.0	Y Y	BH04 BH04A	0.5	0.5		D CLAY, SOME		GRAVEL, WITH SOME SAND- STAINED, NO ODOR
								TD @ 1' FT BO		

Lat/Lo		33.24884	403, -10	GIC / SOI 03.0772324	508 West rlsbad, Ne L SAMPI Field Scre Hach chlor	ening: ride strips, P	88220 3	BH or PH Name: Site Name: RP or Incident Numl WSP Job Number: Logged By: TC Hole Diameter: 3"	ber: NOY1711 4	Date: 01/21/2021 Abo Unit #025 128756 Method: Hand Auger Total Depth: 1 foot	
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol		Lithology/Re	emarks	
D D/M	<168 <168	0.0	Y Y	BH05 BH05A	0.5	0.5	GP/GM	D CLAY, SOME		GRAVEL, WITH SOME SAN STAINED, NO ODOR	1D-
								TD @ 1' FT BG			

Lat/Lo		33.24884	403, -10	GIC / SOI 03.0772324	508 West rlsbad, Ne L SAMPI Field Scre Hach chlor	ening: ride strips, P	88220 3 PID ttor	BH or PH Name: Site Name: RP or Incident Number: Logged By: TC Hole Diameter: 3"	per: NOY1711 4	Date: 01/21/2021 Abo Unit #025 428756 Method: Hand Auger Total Depth: 1 foot
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	(ft bgs)		USCS/Rock Symbol		Lithology/Re	emarks
D D/M	<168 <168	0.0	Y Y	BH06 BH06A	0.5	0.5		D CLAY, SOME		GRAVEL, WITH SOME SAND STAINED, NO ODOR



	PHOTOGRAPHIC LOG	
Armstrong Energy	Trinity Burrus Abo Unit #025	NOY1711428756
Corporation	Lea County, New Mexico	

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1	January 21, 2022	
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Photo No.	Date	
2	January 21, 2022	
Photo of page	l taken during	
delineatio	n activities.	



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 890-1855-1

Laboratory Sample Delivery Group: 31403471.004

Client Project/Site: Trinity Burrus Unit #025

For:

WSP USA Inc. 2777 N. Stemmons Freeway Suite 1600 Dallas, Texas 75207

Attn: Kalei Jennings

MRAMER

Authorized for release by: 1/28/2022 1:27:27 PM

Jessica Kramer, Project Manager (432)704-5440

jessica.kramer@eurofinset.com

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

intended to be the legally binding equivalent of a traditionally handwritten signature.

This report has been electronically signed and authorized by the signatory. Electronic signature is

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Client: WSP USA Inc.

Project/Site: Trinity Burrus Unit #025

Laboratory Job ID: 890-1855-1

SDG: 31403471.004

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Definitions/Glossary

Client: WSP USA Inc. Job ID: 890-1855-1 Project/Site: Trinity Burrus Unit #025

SDG: 31403471.004

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier **Qualifier Description**

S1-Surrogate recovery exceeds control limits, low biased. 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)

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

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

Not Calculated NC

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

NEG Negative / Absent Positive / Present POS

PQL Practical Quantitation Limit

PRES Presumptive QC **Quality Control**

RER Relative Error Ratio (Radiochemistry)

Reporting Limit or Requested Limit (Radiochemistry) RL

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

Eurofins Carlsbad

Case Narrative

Client: WSP USA Inc.

Project/Site: Trinity Burrus Unit #025

Job ID: 890-1855-1

SDG: 31403471.004

Job ID: 890-1855-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative 890-1855-1

Receipt

The samples were received on 1/21/2022 3:46 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 1.0°C

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: BH06 (890-1855-11). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

GC Semi VOA

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

HPLC/IC

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

Client Sample Results

Client: WSP USA Inc. Job ID: 890-1855-1 Project/Site: Trinity Burrus Unit #025 SDG: 31403471.004

Client Sample ID: BH01

Lab Sample ID: 890-1855-1 Date Collected: 01/21/22 10:05 Matrix: Solid Date Received: 01/21/22 15:46

Sample Depth: 0.5

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		01/25/22 07:25	01/25/22 12:49	1
Toluene	<0.00198	U	0.00198	mg/Kg		01/25/22 07:25	01/25/22 12:49	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		01/25/22 07:25	01/25/22 12:49	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		01/25/22 07:25	01/25/22 12:49	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		01/25/22 07:25	01/25/22 12:49	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		01/25/22 07:25	01/25/22 12:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130			01/25/22 07:25	01/25/22 12:49	1
1,4-Difluorobenzene (Surr)	95		70 - 130			01/25/22 07:25	01/25/22 12:49	1
Method: Total BTEX - Total BTE	X Calculation							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			01/28/22 14:15	1
Analyte	Result	Qualifier	RL					
					- 1)	Prenared	∆nalyzed	Dil Fac
<u> </u>	<50.0		50.0	mg/Kg	D	Prepared	Analyzed 01/27/22 16:10	
Total TPH	<50.0	U			U	Prepared		
Total TPH	<50.0	U (GC)	50.0	mg/Kg	<u> </u>	Prepared		1
Total TPH Method: 8015B NM - Diesel Ran Analyte	<50.0 ge Organics (D	RO) (GC) Qualifier	50.0	mg/Kg		Prepared	01/27/22 16:10 Analyzed	1
Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics	<50.0	RO) (GC) Qualifier	50.0	mg/Kg	<u> </u>		01/27/22 16:10	Dil Fac
Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	<50.0 ge Organics (D	RO) (GC) Qualifier U	50.0	mg/Kg	<u> </u>	Prepared	01/27/22 16:10 Analyzed	Dil Fac
Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10	<50.0 ge Organics (Di Result <50.0	U RO) (GC) Qualifier U	8L 50.0	mg/Kg Unit mg/Kg	<u> </u>	Prepared 01/26/22 08:15	01/27/22 16:10 Analyzed 01/26/22 16:19	Dil Fac
Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<50.0 ge Organics (Di Result <50.0 <50.0	U RO) (GC) Qualifier U U	50.0 RL 50.0 50.0	mg/Kg Unit mg/Kg mg/Kg	<u> </u>	Prepared 01/26/22 08:15 01/26/22 08:15	01/27/22 16:10 Analyzed 01/26/22 16:19 01/26/22 16:19	Dil Fac
Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	<50.0 ge Organics (D) Result <50.0 <50.0 <50.0	U RO) (GC) Qualifier U U	50.0 RL 50.0 50.0 50.0	mg/Kg Unit mg/Kg mg/Kg	<u> </u>	Prepared 01/26/22 08:15 01/26/22 08:15 01/26/22 08:15	01/27/22 16:10 Analyzed 01/26/22 16:19 01/26/22 16:19 01/26/22 16:19	Dil Face 1 1 1 Dil Face
Total TPH Method: 8015B NM - Diesel Randanalyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	<50.0 ge Organics (D) Result <50.0 <50.0 <50.0 %Recovery	U RO) (GC) Qualifier U U	50.0 RL 50.0 50.0 50.0 Limits	mg/Kg Unit mg/Kg mg/Kg	<u> </u>	Prepared 01/26/22 08:15 01/26/22 08:15 01/26/22 08:15 Prepared	Analyzed 01/26/22 16:19 01/26/22 16:19 01/26/22 16:19 Analyzed	Dil Fac
Total TPH Method: 8015B NM - Diesel Ran Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	<50.0 ge Organics (D) Result <50.0 <50.0 <50.0 <83 92	U RO) (GC) Qualifier U U Qualifier	50.0 RL 50.0 50.0 50.0 Limits 70 - 130	mg/Kg Unit mg/Kg mg/Kg	<u> </u>	Prepared 01/26/22 08:15 01/26/22 08:15 01/26/22 08:15 Prepared 01/26/22 08:15	01/27/22 16:10 Analyzed 01/26/22 16:19 01/26/22 16:19 Analyzed 01/26/22 16:19	Dil Fac
Total TPH Method: 8015B NM - Diesel Ran Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	<50.0 ge Organics (D) Result <50.0 <50.0 <50.0 <83 92 omatography -	U RO) (GC) Qualifier U U Qualifier	50.0 RL 50.0 50.0 50.0 Limits 70 - 130	mg/Kg Unit mg/Kg mg/Kg	<u> </u>	Prepared 01/26/22 08:15 01/26/22 08:15 01/26/22 08:15 Prepared 01/26/22 08:15	01/27/22 16:10 Analyzed 01/26/22 16:19 01/26/22 16:19 Analyzed 01/26/22 16:19	Dil Fac

Client Sample ID: BH01A Lab Sample ID: 890-1855-2 Matrix: Solid

Date Collected: 01/21/22 10:07 Date Received: 01/21/22 15:46

Sample Depth: 1

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		01/25/22 07:25	01/25/22 13:16	1
Toluene	<0.00202	U	0.00202	mg/Kg		01/25/22 07:25	01/25/22 13:16	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		01/25/22 07:25	01/25/22 13:16	1
m-Xylene & p-Xylene	<0.00403	U	0.00403	mg/Kg		01/25/22 07:25	01/25/22 13:16	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		01/25/22 07:25	01/25/22 13:16	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		01/25/22 07:25	01/25/22 13:16	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130			01/25/22 07:25	01/25/22 13:16	

Eurofins Carlsbad

Client: WSP USA Inc. Job ID: 890-1855-1

Project/Site: Trinity Burrus Unit #025 SDG: 31403471.004

Client Sample ID: BH01A Lab Sample ID: 890-1855-2

Date Collected: 01/21/22 10:07 Matrix: Solid Date Received: 01/21/22 15:46

Sample Depth: 1

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

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	98	70 - 130	01/25/22 07:25	01/25/22 13:16	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403	mg/Kg			01/28/22 14:15	1

BARALRA IL COAT NIBA	Discol Dance	O	(DDO) (CC)

Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9 U	49.9	mg/Kg			01/27/22 16:10	1

Method: 8015B	NM - Diesel	Range Ord	anics	(DRO)	(GC)
motilioa. oo lob	THE DIGGGE	Trainge Oit	garnos	(5.10)	100)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/26/22 08:15	01/26/22 16:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/26/22 08:15	01/26/22 16:41	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/26/22 08:15	01/26/22 16:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	82	70 - 130	01/26/22 08:15	01/26/22 16:41	1
o-Terphenyl	93	70 - 130	01/26/22 08:15	01/26/22 16:41	1

Method: 300.0 - Anions,	Ion Chromatography - Soluble	

Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98 U	4.98	mg/Kg			01/28/22 01:18	1

Lab Sample ID: 890-1855-3 **Client Sample ID: BH02 Matrix: Solid**

Date Collected: 01/21/22 10:15 Date Received: 01/21/22 15:46

Sample Depth: 0.5

Mothod: 9021B	Volatile	Organic	Compounds (GC)
MICHIOU. OUZ ID •	voiatile v	Olualiic v	

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/25/22 07:25	01/25/22 13:44	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/25/22 07:25	01/25/22 13:44	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/25/22 07:25	01/25/22 13:44	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/25/22 07:25	01/25/22 13:44	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/25/22 07:25	01/25/22 13:44	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/25/22 07:25	01/25/22 13:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130			01/25/22 07:25	01/25/22 13:44	1
1,4-Difluorobenzene (Surr)	101		70 - 130			01/25/22 07:25	01/25/22 13:44	1

Mothod:	Total RTF	Y - Total R	TFX Calculatio	n

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	DII Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			01/28/22 14:15	1

Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0 U	50.0	mg/Kg			01/27/22 16:10	1

Client: WSP USA Inc. Job ID: 890-1855-1 Project/Site: Trinity Burrus Unit #025 SDG: 31403471.004

Client Sample ID: BH02

Lab Sample ID: 890-1855-3 Date Collected: 01/21/22 10:15 Matrix: Solid Date Received: 01/21/22 15:46

Sample Depth: 0.5

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0	mg/Kg		01/26/22 08:15	01/26/22 17:26	1
(GRO)-C6-C10								
Diesel Range Organics (Over	<50.0	U	50.0	mg/Kg		01/26/22 08:15	01/26/22 17:26	1
C10-C28)								
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/26/22 08:15	01/26/22 17:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130			01/26/22 08:15	01/26/22 17:26	1
o-Terphenyl	102		70 - 130			01/26/22 08:15	01/26/22 17:26	1
Method: 300.0 - Anions, Ion Chro	omatography -	Soluble						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac

Lab Sample ID: 890-1855-4 Client Sample ID: BH02A Date Collected: 01/21/22 10:16 Matrix: Solid

Date Received: 01/21/22 15:46

Sample Depth: 1

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/25/22 07:25	01/25/22 14:12	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/25/22 07:25	01/25/22 14:12	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/25/22 07:25	01/25/22 14:12	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		01/25/22 07:25	01/25/22 14:12	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/25/22 07:25	01/25/22 14:12	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		01/25/22 07:25	01/25/22 14:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130			01/25/22 07:25	01/25/22 14:12	1
1,4-Difluorobenzene (Surr)	101		70 - 130			01/25/22 07:25	01/25/22 14:12	1
Method: Total BTEX - Total BTEX	Calculation							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			01/28/22 14:15	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/27/22 16:10	1
Method: 8015B NM - Diesel Rang	je Organics (D	RO) (GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/26/22 08:15	01/26/22 17:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/26/22 08:15	01/26/22 17:56	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/26/22 08:15	01/26/22 17:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130			01/26/22 08:15	01/26/22 17:56	1
o-Terphenyl	96		70 - 130			01/26/22 08:15	01/26/22 17:56	1

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1/28/2022

Lab Sample ID: 890-1855-4

Client Sample Results

Client: WSP USA Inc.

Project/Site: Trinity Burrus Unit #025

SDG: 31403471.004

Client Sample ID: BH02A

Date Collected: 01/21/22 10:16 Date Received: 01/21/22 15:46

Sample Depth: 1

Method: 300.0 - Anions, Ion Chromatography - Soluble									
	Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Chloride	8.22		4.99	mg/Kg			01/28/22 02:05	1

Client Sample ID: BH03

Lab Sample ID: 890-1855-5

Date Collected: 01/21/22 10:20

Matrix: Solid

Date Collected: 01/21/22 10:20 Date Received: 01/21/22 15:46

Sample Depth: 0.5

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00202	U	0.00202	mg/Kg		01/25/22 07:25	01/25/22 14:40	
Toluene	<0.00202	U	0.00202	mg/Kg		01/25/22 07:25	01/25/22 14:40	
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		01/25/22 07:25	01/25/22 14:40	
m-Xylene & p-Xylene	<0.00403	U	0.00403	mg/Kg		01/25/22 07:25	01/25/22 14:40	
o-Xylene	<0.00202	U	0.00202	mg/Kg		01/25/22 07:25	01/25/22 14:40	
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		01/25/22 07:25	01/25/22 14:40	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	91		70 - 130			01/25/22 07:25	01/25/22 14:40	
1,4-Difluorobenzene (Surr)	88		70 - 130			01/25/22 07:25	01/25/22 14:40	
Method: Total BTEX - Total BTE	X Calculation							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00403	U	0.00403	mg/Kg			01/28/22 14:15	
Mathada 0045 NM - Diagal Danas	Owenies (DD)	0) (00)						
Method: 8015 NM - Diesel Range Analyte	•	Qualifier	RL	Unit	D	Prepared	Anglyzod	Dil Fa
Total TPH			49.9	mg/Kg		Prepared	Analyzed 01/27/22 16:10	DII Fa
	~49.9	U	43.3	mg/kg			01/21/22 10:10	
Method: 8015B NM - Diesel Rang	ge Organics (D	RO) (GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/26/22 08:15	01/26/22 18:18	
Diesel Range Organics (Over	<49.9	U	49.9	mg/Kg		01/26/22 08:15	01/26/22 18:18	
C10-C28)								
OII Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/26/22 08:15	01/26/22 18:18	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
1-Chlorooctane	84		70 - 130			01/26/22 08:15	01/26/22 18:18	
o-Terphenyl	93		70 - 130			01/26/22 08:15	01/26/22 18:18	
Method: 300.0 - Anions, Ion Chr	omatography -	Soluble						
Method. 300.0 - Allions, Ion Cili	omatograpmy -	Colubic						
Analyte	•	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa

Lab Sample ID: 890-1855-6

Client Sample Results

Client: WSP USA Inc. Job ID: 890-1855-1 SDG: 31403471.004

Project/Site: Trinity Burrus Unit #025

Client Sample ID: BH03A Date Collected: 01/21/22 10:22 Date Received: 01/21/22 15:46

Sample Depth: 1

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/25/22 07:25	01/25/22 15:08	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/25/22 07:25	01/25/22 15:08	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/25/22 07:25	01/25/22 15:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/25/22 07:25	01/25/22 15:08	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/25/22 07:25	01/25/22 15:08	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/25/22 07:25	01/25/22 15:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130			01/25/22 07:25	01/25/22 15:08	1
1,4-Difluorobenzene (Surr)	94		70 - 130			01/25/22 07:25	01/25/22 15:08	1
Method: Total BTEX - Total BTE	Calculation							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			01/28/22 14:15	1
Madhadi 0045 NM - Diagal Danna	Owner: or (DD)	0) (00)						
Method: 8015 NM - Diesel Range	Organics (DR)	U) (GC)						
Analyto	Pocult	Qualifier	DI	Unit	n	Droparod	Analyzod	Dil Eac
		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result < 50.0		RL 50.0	Mg/Kg	<u>D</u>	Prepared	Analyzed 01/27/22 16:10	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang	<50.0	U			<u> </u>	Prepared		
Total TPH Method: 8015B NM - Diesel Ran	<50.0	U			<u>D</u> 	Prepared Prepared		1
Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics	<50.0	RO) (GC) Qualifier	50.0	mg/Kg			01/27/22 16:10	1
Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	<50.0 ge Organics (Di	CODE (GC) Qualifier U	50.0	mg/Kg		Prepared	01/27/22 16:10 Analyzed	1 Dil Fac
Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10	<50.0 ge Organics (Digensity Result < 50.0	RO) (GC) Qualifier U	50.0 RL 50.0	mg/Kg Unit mg/Kg		Prepared 01/26/22 08:15	01/27/22 16:10 Analyzed 01/26/22 18:41	Dil Fac
Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	<50.0 ge Organics (Di Result <50.0 <50.0 <50.0	U RO) (GC) Qualifier U U	50.0 RL 50.0 50.0 50.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 01/26/22 08:15 01/26/22 08:15 01/26/22 08:15	01/27/22 16:10 Analyzed 01/26/22 18:41 01/26/22 18:41	1 Dil Fac 1 1
Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	<50.0 ge Organics (Digital Result <50.0 <50.0 <50.0 %Recovery	U RO) (GC) Qualifier U U	50.0 RL 50.0 50.0 50.0 Limits	mg/Kg Unit mg/Kg mg/Kg		Prepared 01/26/22 08:15 01/26/22 08:15 01/26/22 08:15 Prepared	Analyzed 01/26/22 18:41 01/26/22 18:41 Analyzed	Dil Fac 1 1 Dil Fac
Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	<50.0 ge Organics (Di Result <50.0 <50.0 <50.0	U RO) (GC) Qualifier U U	50.0 RL 50.0 50.0 50.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 01/26/22 08:15 01/26/22 08:15 01/26/22 08:15	01/27/22 16:10 Analyzed 01/26/22 18:41 01/26/22 18:41	1 Dil Fac 1 1
Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	<50.0 ge Organics (D) Result <50.0 <50.0 <50.0 %Recovery 93 105	CONTROL (GC) Qualifier U U Qualifier	50.0 RL 50.0 50.0 50.0 Limits 70 - 130	mg/Kg Unit mg/Kg mg/Kg		Prepared 01/26/22 08:15 01/26/22 08:15 01/26/22 08:15 Prepared 01/26/22 08:15	01/27/22 16:10 Analyzed 01/26/22 18:41 01/26/22 18:41 Analyzed 01/26/22 18:41	1 Dil Fac 1 1 1 1 Dil Fac 1
Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	<50.0 ge Organics (D) Result <50.0 <50.0 <50.0 <50.0 <8Recovery 93 105 omatography -	CONTROL (GC) Qualifier U U Qualifier	50.0 RL 50.0 50.0 50.0 Limits 70 - 130	mg/Kg Unit mg/Kg mg/Kg		Prepared 01/26/22 08:15 01/26/22 08:15 01/26/22 08:15 Prepared 01/26/22 08:15	01/27/22 16:10 Analyzed 01/26/22 18:41 01/26/22 18:41 Analyzed 01/26/22 18:41	1 Dil Fac 1 1 1 1 Dil Fac 1

Client Sample ID: BH04 Lab Sample ID: 890-1855-7

Date Collected: 01/21/22 10:25 Date Received: 01/21/22 15:46

Sample Depth: 0.5

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/25/22 07:25	01/25/22 15:36	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/25/22 07:25	01/25/22 15:36	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/25/22 07:25	01/25/22 15:36	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		01/25/22 07:25	01/25/22 15:36	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/25/22 07:25	01/25/22 15:36	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		01/25/22 07:25	01/25/22 15:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130			01/25/22 07:25	01/25/22 15:36	

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Matrix: Solid

Lab Sample ID: 890-1855-7

Client: WSP USA Inc.

Job ID: 890-1855-1 Project/Site: Trinity Burrus Unit #025 SDG: 31403471.004

Client Sample ID: BH04

Date Collected: 01/21/22 10:25 Date Received: 01/21/22 15:46

Sample Depth: 0.5

Method: 8021B - Volatile Org	ganic Compounds	(GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	109		70 - 130	01/25/22 07:25	01/25/22 15:36	1

ı	Mothodi	Total DTEV	- Total BTEX	Coloulation
ı	wethou.	TOTAL DIEV	- IUIAI DIEA	Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			01/28/22 14:15	1

Method: 8015 NM - Diesel Range Organics	IUKU	11661

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/27/22 16:10	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9	mg/Kg		01/26/22 08:15	01/26/22 19:03	1
(GRO)-C6-C10								
Diesel Range Organics (Over	<49.9	U	49.9	mg/Kg		01/26/22 08:15	01/26/22 19:03	1
C10-C28)								
Oll Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/26/22 08:15	01/26/22 19:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
	Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Gasoline Range Organics <49.9 (GRO)-C6-C10 Diesel Range Organics (Over <49.9 C10-C28) Oll Range Organics (Over C28-C36) <49.9	Gasoline Range Organics <49.9 U (GRO)-C6-C10 Diesel Range Organics (Over <49.9 U C10-C28) Oll Range Organics (Over C28-C36) <49.9 U	Gasoline Range Organics				

1-Chlorooctane	79	70 - 130	
o-Terphenyl	86	70 - 130	

o-Terphenyl	86	70 - 130		01/26/22 08:15	01/26/22 19:03	1
Method: 300.0 - Anions, Ion Ch	romatography - Soluble					
Amalusta	Desuit Ouslifier	DI.	1144	D Duamanad	A l	D:: F

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.05	U	5.05	mg/Kg			01/28/22 02:41	1

Client Sample ID: BH04A Lab Sample ID: 890-1855-8 **Matrix: Solid**

Date Collected: 01/21/22 10:26 Date Received: 01/21/22 15:46

Sample Depth: 1

Method: 8021B - Volatile Organic Compounds (GC)

Joinpoullas (,00,						
Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
<0.00200	U	0.00200	mg/Kg		01/25/22 07:25	01/25/22 16:04	1
<0.00200	U	0.00200	mg/Kg		01/25/22 07:25	01/25/22 16:04	1
<0.00200	U	0.00200	mg/Kg		01/25/22 07:25	01/25/22 16:04	1
<0.00399	U	0.00399	mg/Kg		01/25/22 07:25	01/25/22 16:04	1
<0.00200	U	0.00200	mg/Kg		01/25/22 07:25	01/25/22 16:04	1
<0.00399	U	0.00399	mg/Kg		01/25/22 07:25	01/25/22 16:04	1
%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
128		70 - 130			01/25/22 07:25	01/25/22 16:04	1
108		70 - 130			01/25/22 07:25	01/25/22 16:04	1
	Result <0.00200 <0.00200 <0.00200 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399 <0.00399		Result Qualifier RL <0.00200	Result Qualifier RL Unit <0.00200	Result Qualifier RL Unit D <0.00200	Result Qualifier RL Unit D Prepared <0.00200	Result Qualifier RL Unit D Prepared Analyzed <0.00200 U

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	< 0.00399	U	0.00399	ma/Ka			01/28/22 14:15	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC	Method: 8015 NM -	- Diesel Range	Organics (DRO)	(GC
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Analyte	Result Qua	alifier RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9 U	49.9	mg/Kg			01/27/22 16:10	1

Client: WSP USA Inc. Job ID: 890-1855-1

Project/Site: Trinity Burrus Unit #025 SDG: 31403471.004

Client Sample ID: BH04A Lab Sample ID: 890-1855-8 Date Collected: 01/21/22 10:26 Matrix: Solid Date Received: 01/21/22 15:46

Sample Depth: 1

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/26/22 08:15	01/26/22 19:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/26/22 08:15	01/26/22 19:25	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/26/22 08:15	01/26/22 19:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130			01/26/22 08:15	01/26/22 19:25	1
o-Terphenyl	101		70 - 130			01/26/22 08:15	01/26/22 19:25	1
- Mathadi 2000 Aniana Ian Chu	omatography -	Soluble						
wethod: 300.0 - Anions, ion Chr								
Method: 300.0 - Anions, Ion Chro Analyte	0.,	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac

Client Sample ID: BH05 Lab Sample ID: 890-1855-9 Date Collected: 01/21/22 10:29 Matrix: Solid

Date Received: 01/21/22 15:46

Sample Depth: 0.5

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		01/25/22 07:25	01/25/22 16:32	
Toluene	<0.00202	U	0.00202	mg/Kg		01/25/22 07:25	01/25/22 16:32	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		01/25/22 07:25	01/25/22 16:32	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		01/25/22 07:25	01/25/22 16:32	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		01/25/22 07:25	01/25/22 16:32	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		01/25/22 07:25	01/25/22 16:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130			01/25/22 07:25	01/25/22 16:32	1
1,4-Difluorobenzene (Surr)	92		70 - 130			01/25/22 07:25	01/25/22 16:32	1
Method: Total BTEX - Total BTEX	(Calculation							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	mg/Kg			01/28/22 14:15	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)						
Analyte	Result	Qualifier	RL	Unit	_	Danie and d		
		Quanner	112	Oilit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0		50.0	mg/Kg	<u>D</u>	Prepared	Analyzed 01/27/22 16:10	Dil Fac
	<50.0	U			D	Prepared		
: Method: 8015B NM - Diesel Rang	<50.0	U			D	Prepared		
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics	<50.0	RO) (GC) Qualifier	50.0	mg/Kg			01/27/22 16:10	1
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<50.0 ge Organics (D	RO) (GC) Qualifier U	50.0	mg/Kg		Prepared	01/27/22 16:10 Analyzed	1 Dil Fac
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	<50.0 ge Organics (D Result <50.0	CO) (GC) Qualifier U	50.0 RL 50.0	mg/Kg Unit mg/Kg		Prepared 01/26/22 08:15	01/27/22 16:10 Analyzed 01/26/22 19:48	Dil Fac
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	<50.0 ge Organics (D) Result <50.0 <50.0	U RO) (GC) Qualifier U U	50.0 RL 50.0 50.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 01/26/22 08:15 01/26/22 08:15	01/27/22 16:10 Analyzed 01/26/22 19:48 01/26/22 19:48	Dil Fac
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<50.0 ge Organics (D) Result <50.0 <50.0 <50.0	U RO) (GC) Qualifier U U	50.0 RL 50.0 50.0 50.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 01/26/22 08:15 01/26/22 08:15 01/26/22 08:15	01/27/22 16:10 Analyzed 01/26/22 19:48 01/26/22 19:48	1 Dil Fac

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1/28/2022

Lab Sample ID: 890-1855-9

Client: WSP USA Inc.

Job ID: 890-1855-1 Project/Site: Trinity Burrus Unit #025 SDG: 31403471.004

Client Sample ID: BH05

Date Collected: 01/21/22 10:29 Date Received: 01/21/22 15:46

Sample Depth: 0.5

Method: 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	<4.99	U	4.99	mg/Kg			01/28/22 03:28	1	

Client Sample ID: BH05A Lab Sample ID: 890-1855-10 Matrix: Solid

Date Collected: 01/21/22 10:30 Date Received: 01/21/22 15:46

Sample Depth: 1

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		01/25/22 07:25	01/25/22 17:00	1
Toluene	<0.00202	U	0.00202	mg/Kg		01/25/22 07:25	01/25/22 17:00	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		01/25/22 07:25	01/25/22 17:00	1
m-Xylene & p-Xylene	<0.00403	U	0.00403	mg/Kg		01/25/22 07:25	01/25/22 17:00	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		01/25/22 07:25	01/25/22 17:00	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		01/25/22 07:25	01/25/22 17:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130			01/25/22 07:25	01/25/22 17:00	1
1,4-Difluorobenzene (Surr)	102		70 - 130			01/25/22 07:25	01/25/22 17:00	1
Method: Total BTEX - Total BTE)	(Calculation							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403	mg/Kg			01/28/22 14:15	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)						
Analyte	•	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/27/22 16:10	1
Method: 8015B NM - Diesel Rang	ne Organics (D	RO) (GC)						
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/26/22 08:15	01/26/22 20:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/26/22 08:15	01/26/22 20:11	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/26/22 08:15	01/26/22 20:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130			01/26/22 08:15	01/26/22 20:11	1
o-Terphenyl	92		70 - 130			01/26/22 08:15	01/26/22 20:11	1
Method: 300.0 - Anions, Ion Chro	omatography -	Soluble						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98	mg/Kg	_		01/28/22 03:40	1

Lab Sample ID: 890-1855-11

Client: WSP USA Inc.

Job ID: 890-1855-1 Project/Site: Trinity Burrus Unit #025 SDG: 31403471.004

Client Sample ID: BH06

Date Collected: 01/21/22 10:38 Date Received: 01/21/22 15:46

Sample Depth: 0.5

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/25/22 07:25	01/25/22 18:52	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/25/22 07:25	01/25/22 18:52	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/25/22 07:25	01/25/22 18:52	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/25/22 07:25	01/25/22 18:52	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/25/22 07:25	01/25/22 18:52	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/25/22 07:25	01/25/22 18:52	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	154	S1+	70 - 130			01/25/22 07:25	01/25/22 18:52	
1,4-Difluorobenzene (Surr)	104		70 - 130			01/25/22 07:25	01/25/22 18:52	
Method: Total BTEX - Total BTE	X Calculation							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/28/22 14:15	•
Method: 8015 NM - Diesel Range			DI	Unit	D	Bronarod	Analyzod	Dil Ea
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	
		Qualifier	RL 50.0	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 01/27/22 16:10	
Analyte		Qualifier U			<u>D</u>	Prepared		
Analyte Total TPH	Result <50.0	Qualifier U			<u>D</u>	Prepared Prepared		
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics	Result <50.0	Qualifier U RO) (GC) Qualifier	50.0	mg/Kg			01/27/22 16:10	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10		Qualifier U RO) (GC) Qualifier U	50.0 RL 50.0	mg/Kg Unit mg/Kg		Prepared 01/26/22 08:15	01/27/22 16:10 Analyzed 01/26/22 20:33	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result <50.0 ge Organics (Dige Result	Qualifier U RO) (GC) Qualifier U	50.0	mg/Kg		Prepared	01/27/22 16:10 Analyzed	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10		Qualifier U RO) (GC) Qualifier U	50.0 RL 50.0	mg/Kg Unit mg/Kg		Prepared 01/26/22 08:15	01/27/22 16:10 Analyzed 01/26/22 20:33	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result <50.0	Qualifier U RO) (GC) Qualifier U U	50.0 RL 50.0 50.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 01/26/22 08:15 01/26/22 08:15	01/27/22 16:10 Analyzed 01/26/22 20:33 01/26/22 20:33	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result <50.0	Qualifier U RO) (GC) Qualifier U U	50.0 RL 50.0 50.0 50.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 01/26/22 08:15 01/26/22 08:15	01/27/22 16:10 Analyzed 01/26/22 20:33 01/26/22 20:33	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	Result <50.0	Qualifier U RO) (GC) Qualifier U U	50.0 RL 50.0 50.0 50.0 Limits	mg/Kg Unit mg/Kg mg/Kg		Prepared 01/26/22 08:15 01/26/22 08:15 01/26/22 08:15 Prepared	Analyzed 01/26/22 20:33 01/26/22 20:33 Analyzed	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result <50.0	Qualifier U RO) (GC) Qualifier U U Qualifier	50.0 RL 50.0 50.0 50.0 Limits 70 - 130	mg/Kg Unit mg/Kg mg/Kg		Prepared 01/26/22 08:15 01/26/22 08:15 01/26/22 08:15 Prepared 01/26/22 08:15	01/27/22 16:10 Analyzed 01/26/22 20:33 01/26/22 20:33 Analyzed 01/26/22 20:33	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Range 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	Qualifier U RO) (GC) Qualifier U U Qualifier	50.0 RL 50.0 50.0 50.0 Limits 70 - 130	mg/Kg Unit mg/Kg mg/Kg		Prepared 01/26/22 08:15 01/26/22 08:15 01/26/22 08:15 Prepared 01/26/22 08:15	01/27/22 16:10 Analyzed 01/26/22 20:33 01/26/22 20:33 Analyzed 01/26/22 20:33	Dil Fac

Client Sample ID: BH06A

Date Collected: 01/21/22 10:39

Date Received: 01/21/22 15:46

Sample Depth: 1

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		01/25/22 16:00	01/25/22 19:20	1
Toluene	<0.00198	U	0.00198	mg/Kg		01/25/22 16:00	01/25/22 19:20	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		01/25/22 16:00	01/25/22 19:20	1
m-Xylene & p-Xylene	<0.00397	U	0.00397	mg/Kg		01/25/22 16:00	01/25/22 19:20	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		01/25/22 16:00	01/25/22 19:20	1
Xylenes, Total	<0.00397	U	0.00397	mg/Kg		01/25/22 16:00	01/25/22 19:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130			01/25/22 16:00	01/25/22 19:20	1

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Lab Sample ID: 890-1855-12

Matrix: Solid

Dil Fac

Analyzed

01/28/22 04:27

Lab Sample ID: 890-1855-12

Client Sample Results

Client: WSP USA Inc. Job ID: 890-1855-1

Project/Site: Trinity Burrus Unit #025 SDG: 31403471.004

Client Sample ID: BH06A

Date Collected: 01/21/22 10:39 Date Received: 01/21/22 15:46

Sample Depth: 1

Analyte

Chloride

Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	92		70 - 130			01/25/22 16:00	01/25/22 19:20	
Method: Total BTEX - Total BTE	X Calculation							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397	mg/Kg			01/28/22 14:15	1
Method: 8015 NM - Diesel Range	e Organics (DR	O) (GC)						
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/27/22 16:10	1
Method: 8015B NM - Diesel Rang	ge Organics (D	RO) (GC)						
	• •	Qualifier			_	D	Amalumad	
Analyte	Result	Qualifici	RL	Unit	D	Prepared	Analyzed	Dil Fac
			50.0 EL		b	01/26/22 08:15	01/26/22 20:56	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10					D			Dil Fac
Gasoline Range Organics		U			D			Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg	D	01/26/22 08:15	01/26/22 20:56	Dil Fac
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/26/22 08:15	01/26/22 20:56	Dil Fac
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	<50.0 <50.0	U U	50.0	mg/Kg		01/26/22 08:15	01/26/22 20:56	Dil Fac
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	<50.0 <50.0 <50.0	U U	50.0 50.0 50.0	mg/Kg	<u>B</u>	01/26/22 08:15 01/26/22 08:15 01/26/22 08:15	01/26/22 20:56 01/26/22 20:56 01/26/22 20:56	1

4.95

Unit

mg/Kg

Prepared

Result Qualifier

9.01

Surrogate Summary

Job ID: 890-1855-1 Client: WSP USA Inc. Project/Site: Trinity Burrus Unit #025 SDG: 31403471.004

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

		BFB1	DFBZ1	Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
890-1855-1	BH01	130	95	· —— —— —— —— —
890-1855-1 MS	BH01	115	113	
890-1855-1 MSD	BH01	110	109	
890-1855-2	BH01A	114	98	
890-1855-3	BH02	115	101	
890-1855-4	BH02A	120	101	
890-1855-5	BH03	91	88	
890-1855-6	ВН03А	107	94	
890-1855-7	BH04	124	109	
890-1855-8	BH04A	128	108	
890-1855-9	BH05	106	92	
890-1855-10	BH05A	118	102	
890-1855-11	BH06	154 S1+	104	
890-1855-12	BH06A	103	92	
LCS 880-17655/1-A	Lab Control Sample	103	106	
LCSD 880-17655/2-A	Lab Control Sample Dup	106	110	
MB 880-17655/5-A	Method Blank	75	91	
Surrogate Legend				

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
890-1855-1	BH01	83	92	
890-1855-2	BH01A	82	93	
890-1855-3	BH02	90	102	
890-1855-4	BH02A	86	96	
890-1855-5	BH03	84	93	
890-1855-6	вноза	93	105	
890-1855-7	BH04	79	86	
890-1855-8	BH04A	90	101	
890-1855-9	BH05	92	102	
890-1855-10	BH05A	86	92	
890-1855-11	BH06	82	89	
890-1855-12	BH06A	91	102	
890-1856-A-1-F MS	Matrix Spike	75	75	
890-1856-A-1-G MSD	Matrix Spike Duplicate	68 S1-	69 S1-	
LCS 880-17748/2-A	Lab Control Sample	103	110	
LCSD 880-17748/3-A	Lab Control Sample Dup	102	108	
MB 880-17748/1-A	Method Blank	93	110	

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Client: WSP USA Inc.

Job ID: 890-1855-1

SDG: 31403471.004

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-17655/5-A

Lab Sample ID: LCS 880-17655/1-A

Matrix: Solid

Analysis Batch: 17656

Project/Site: Trinity Burrus Unit #025

Matrix: Solid Analysis Batch: 17656 Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17655

	IVID	IVID						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/25/22 07:25	01/25/22 11:16	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/25/22 07:25	01/25/22 11:16	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/25/22 07:25	01/25/22 11:16	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/25/22 07:25	01/25/22 11:16	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/25/22 07:25	01/25/22 11:16	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/25/22 07:25	01/25/22 11:16	1

MB MB

MD MD

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	75	70 - 130	01/25/22 07:25	01/25/22 11:16	1
1,4-Difluorobenzene (Surr)	91	70 - 130	01/25/22 07:25	01/25/22 11:16	1

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 17655

LCS LCS Spike Analyte Added Result Qualifier Unit %Rec Limits Benzene 0.100 0.1138 mg/Kg 114 70 - 130 Toluene 0.100 0.09497 mg/Kg 95 70 - 130 0.100 Ethylbenzene 0.09457 mg/Kg 95 70 - 130 0.200 0.2089 104 70 - 130 m-Xylene & p-Xylene mg/Kg 0.100 0.1104 70 - 130 o-Xylene mg/Kg 110

LCS LCS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	103	70 - 130
1,4-Difluorobenzene (Surr)	106	70 - 130

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Analysis Batch: 17656

Lab Sample ID: LCSD 880-17655/2-A

Prep Type: Total/NA Prep Batch: 17655

	Spike	LCSD	LCSD				™Rec.		KPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.1103		mg/Kg		110	70 - 130	3	35	
Toluene	0.100	0.09292		mg/Kg		93	70 - 130	2	35	
Ethylbenzene	0.100	0.09271		mg/Kg		93	70 - 130	2	35	
m-Xylene & p-Xylene	0.200	0.2046		mg/Kg		102	70 - 130	2	35	
o-Xylene	0.100	0.1082		mg/Kg		108	70 - 130	2	35	

LCSD LCSD

Surrogate	%Recovery Q	ualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: 890-1855-1 MSD

Matrix: Solid

Analysis Batch: 17656

Client Sample ID: BH01 Prep Type: Total/NA

Prep Batch: 17655

Analysis Daton. 17000									110	p Dateii.	17000
	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00198	U	0.0994	0.1108		mg/Kg					
Toluene	< 0.00198	U	0.0994	0.09407		mg/Kg					

Client: WSP USA Inc.

Project/Site: Trinity Burrus Unit #025

SDG: 31403471.004

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

Lab Sample ID: 890-1855-1 MSD

Matrix: Solid

Client Sample ID: BH01

Prep Type: Total/NA

Matrix: Solid

Analysis Batch: 17656

Sample Sample Sample Spike MSD MSD Spike RPD Spi

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Ethylbenzene	<0.00198	U	0.0994	0.09294		mg/Kg					
m-Xylene & p-Xylene	<0.00396	U	0.199	0.2040		mg/Kg					
o-Xylene	<0.00198	U	0.0994	0.1082		mg/Kg					

 Surrogate
 %Recovery 4-Bromofluorobenzene (Surr)
 110
 70 - 130

 1,4-Diffluorobenzene (Surr)
 109
 70 - 130

Lab Sample ID: 890-1855-1 MS

Matrix: Solid

Client Sample ID: BH01

Prep Type: Total/NA

Analysis Batch: 17656

MS MS
Surrogate %Pacouply Qualifier Limits

 Surrogate
 %Recovery
 Qualifier
 Limits

 4-Bromofluorobenzene (Surr)
 115
 70 - 130

 1,4-Difluorobenzene (Surr)
 113
 70 - 130

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

Lab Sample ID: MB 880-17748/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Matrix: Solid
Analysis Batch: 17750

MR MR Result Qualifier RL Unit Prepared Analyte Analyzed Dil Fac <50.0 U 50.0 01/26/22 08:15 01/26/22 11:10 Gasoline Range Organics mg/Kg (GRO)-C6-C10 01/26/22 08:15 01/26/22 11:10 Diesel Range Organics (Over <50.0 U 50.0 mg/Kg C10-C28) OII Range Organics (Over C28-C36) <50.0 U 50.0 01/26/22 08:15 01/26/22 11:10 mg/Kg

MB MB %Recovery Qualifier Limits Dil Fac Surrogate Prepared Analyzed 1-Chlorooctane 70 - 130 01/26/22 08:15 93 01/26/22 11:10 o-Terphenyl 110 70 - 130 01/26/22 08:15 01/26/22 11:10

Lab Sample ID: LCS 880-17748/2-A Client Sample ID: Lab Control Sample

Matrix: Solid Prep Type: Total/NA
Analysis Batch: 17750 Prep Batch: 17748

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit Limits Gasoline Range Organics 1000 704.4 70 70 - 130 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 1000 956.5 mg/Kg 96 70 - 130

C10-C28)

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	103		70 _ 130
o-Terphenyl	110		70 - 130

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9

3

4

6

8

10

12

1 1

Prep Batch: 17748

Job ID: 890-1855-1

Project/Site: Trinity Burrus Unit #025 SDG: 31403471.004

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

Lab Sample ID: LCSD 880-17748/3-A

Matrix: Solid

Analysis Batch: 17750

Client: WSP USA Inc.

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 17748

	Spike	LCSD	LCSD				%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	1000	698.5		mg/Kg		70	70 - 130	1	20
(GRO)-C6-C10									
Diesel Range Organics (Over	1000	957.2		mg/Kg		96	70 - 130	0	20
040,000)									

C10-C28)

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	102		70 - 130
o-Terphenyl	108		70 - 130

Lab Sample ID: 890-1856-A-1-F MS Client Sample ID: Matrix Spike

Matrix: Solid

Analysis Batch: 17750

Prep Type: Total/NA

Prep Batch: 17748

	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	997	971.2		mg/Kg		97	70 - 130	
Diesel Range Organics (Over C10-C28)	<49.9	U	997	1089		mg/Kg		109	70 - 130	

MS MS

Surrogate	%Recovery Qualifier	Limits
1-Chlorooctane	75	70 - 130
o-Terphenyl	75	70 - 130

Lab Sample ID: 890-1856-A-1-G MSD

Matrix: Solid Analysis Batch: 17750 Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA Prep Batch: 17748

	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	996	914.4		mg/Kg		92	70 - 130	6	20
Diesel Range Organics (Over	<49.9	U	996	979.4		mg/Kg		98	70 - 130	11	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	68	S1-	70 - 130
o-Terphenyl	69	S1-	70 - 130

MB MB

<5.00 U

Result Qualifier

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-17706/1-A

Matrix: Solid

Analyte

Chloride

Analysis Batch: 17736

Client Sample ID: Method Blank

Prep Type: Soluble

Unit Prepared Analyzed Dil Fac D 01/27/22 23:31 mg/Kg

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5.00

QC Sample Results

Client: WSP USA Inc. Job ID: 890-1855-1 Project/Site: Trinity Burrus Unit #025

SDG: 31403471.004

Method: 300.0 - Anions, Ion Chromatography (Continued)

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analysis Batch: 17736

Lab Sample ID: LCSD 880-17706/3-A

Lab Sample ID: LCS 880-17706/2-A

Spike LCS LCS %Rec. Analyte Added Result Qualifier Unit %Rec Limits Chloride 250 248.7 mg/Kg 99 90 - 110

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analysis Batch: 17736

Matrix: Solid

Matrix: Solid

Spike LCSD LCSD %Rec. RPD Added Result Qualifier Unit RPD Limit Analyte D %Rec Limits Chloride 250 249.2 mg/Kg 100 0

Lab Sample ID: 890-1855-8 MS Client Sample ID: BH04A

Matrix: Solid Prep Type: Soluble

Analysis Batch: 17736

MS MS %Rec. Sample Sample Spike Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits Chloride <5.00 U 250 255.9 102 mg/Kg 90 - 110

Lab Sample ID: 890-1855-8 MSD Client Sample ID: BH04A **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 17736

Spike MSD MSD RPD Sample Sample %Rec. Analyte Result Qualifier Added Qualifier Unit %Rec RPD Limit Result Limits Chloride <5.00 250 254.1 102 90 - 110 20 mg/Kg

QC Association Summary

Client: WSP USA Inc. Job ID: 890-1855-1 Project/Site: Trinity Burrus Unit #025

SDG: 31403471.004

GC VOA

Prep Batch: 17655

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1855-1	BH01	Total/NA	Solid	5035	
890-1855-2	BH01A	Total/NA	Solid	5035	
890-1855-3	BH02	Total/NA	Solid	5035	
890-1855-4	BH02A	Total/NA	Solid	5035	
890-1855-5	BH03	Total/NA	Solid	5035	
890-1855-6	BH03A	Total/NA	Solid	5035	
890-1855-7	BH04	Total/NA	Solid	5035	
890-1855-8	BH04A	Total/NA	Solid	5035	
890-1855-9	BH05	Total/NA	Solid	5035	
890-1855-10	BH05A	Total/NA	Solid	5035	
890-1855-11	BH06	Total/NA	Solid	5035	
890-1855-12	BH06A	Total/NA	Solid	5035	
MB 880-17655/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-17655/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-17655/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1855-1 MSD	BH01	Total/NA	Solid	5035	

Analysis Batch: 17656

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1855-1	BH01	Total/NA	Solid	8021B	17655
890-1855-2	BH01A	Total/NA	Solid	8021B	17655
890-1855-3	BH02	Total/NA	Solid	8021B	17655
890-1855-4	BH02A	Total/NA	Solid	8021B	17655
890-1855-5	BH03	Total/NA	Solid	8021B	17655
890-1855-6	ВН03А	Total/NA	Solid	8021B	17655
890-1855-7	BH04	Total/NA	Solid	8021B	17655
890-1855-8	BH04A	Total/NA	Solid	8021B	17655
890-1855-9	BH05	Total/NA	Solid	8021B	17655
890-1855-10	BH05A	Total/NA	Solid	8021B	17655
890-1855-11	BH06	Total/NA	Solid	8021B	17655
890-1855-12	BH06A	Total/NA	Solid	8021B	17655
MB 880-17655/5-A	Method Blank	Total/NA	Solid	8021B	17655
LCS 880-17655/1-A	Lab Control Sample	Total/NA	Solid	8021B	17655
LCSD 880-17655/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	17655
890-1855-1 MS	BH01	Total/NA	Solid	8021B	
890-1855-1 MSD	BH01	Total/NA	Solid	8021B	17655

Analysis Batch: 18058

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1855-1	BH01	Total/NA	Solid	Total BTEX	
890-1855-2	BH01A	Total/NA	Solid	Total BTEX	
890-1855-3	BH02	Total/NA	Solid	Total BTEX	
890-1855-4	BH02A	Total/NA	Solid	Total BTEX	
890-1855-5	BH03	Total/NA	Solid	Total BTEX	
390-1855-6	BH03A	Total/NA	Solid	Total BTEX	
890-1855-7	BH04	Total/NA	Solid	Total BTEX	
890-1855-8	BH04A	Total/NA	Solid	Total BTEX	
890-1855-9	BH05	Total/NA	Solid	Total BTEX	
890-1855-10	BH05A	Total/NA	Solid	Total BTEX	
890-1855-11	BH06	Total/NA	Solid	Total BTEX	
890-1855-12	BH06A	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: WSP USA Inc.

Project/Site: Trinity Burrus Unit #025

SDG: 31403471.004

GC Semi VOA

Prep Batch: 17748

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1855-1	BH01	Total/NA	Solid	8015NM Prep	
890-1855-2	BH01A	Total/NA	Solid	8015NM Prep	
890-1855-3	BH02	Total/NA	Solid	8015NM Prep	
890-1855-4	BH02A	Total/NA	Solid	8015NM Prep	
890-1855-5	BH03	Total/NA	Solid	8015NM Prep	
890-1855-6	ВН03А	Total/NA	Solid	8015NM Prep	
890-1855-7	BH04	Total/NA	Solid	8015NM Prep	
890-1855-8	BH04A	Total/NA	Solid	8015NM Prep	
890-1855-9	BH05	Total/NA	Solid	8015NM Prep	
890-1855-10	BH05A	Total/NA	Solid	8015NM Prep	
890-1855-11	BH06	Total/NA	Solid	8015NM Prep	
890-1855-12	BH06A	Total/NA	Solid	8015NM Prep	
MB 880-17748/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-17748/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-17748/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1856-A-1-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-1856-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 17750

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1855-1	BH01	Total/NA	Solid	8015B NM	17748
890-1855-2	BH01A	Total/NA	Solid	8015B NM	17748
890-1855-3	BH02	Total/NA	Solid	8015B NM	17748
890-1855-4	BH02A	Total/NA	Solid	8015B NM	17748
890-1855-5	BH03	Total/NA	Solid	8015B NM	17748
890-1855-6	BH03A	Total/NA	Solid	8015B NM	17748
890-1855-7	BH04	Total/NA	Solid	8015B NM	17748
890-1855-8	BH04A	Total/NA	Solid	8015B NM	17748
890-1855-9	BH05	Total/NA	Solid	8015B NM	17748
890-1855-10	BH05A	Total/NA	Solid	8015B NM	17748
890-1855-11	BH06	Total/NA	Solid	8015B NM	17748
890-1855-12	BH06A	Total/NA	Solid	8015B NM	17748
MB 880-17748/1-A	Method Blank	Total/NA	Solid	8015B NM	17748
LCS 880-17748/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	17748
LCSD 880-17748/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	17748
890-1856-A-1-F MS	Matrix Spike	Total/NA	Solid	8015B NM	17748
890-1856-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	17748

Analysis Batch: 17951

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batcl
890-1855-1	BH01	Total/NA	Solid	8015 NM	
890-1855-2	BH01A	Total/NA	Solid	8015 NM	
890-1855-3	BH02	Total/NA	Solid	8015 NM	
890-1855-4	BH02A	Total/NA	Solid	8015 NM	
890-1855-5	BH03	Total/NA	Solid	8015 NM	
890-1855-6	BH03A	Total/NA	Solid	8015 NM	
890-1855-7	BH04	Total/NA	Solid	8015 NM	
890-1855-8	BH04A	Total/NA	Solid	8015 NM	
890-1855-9	BH05	Total/NA	Solid	8015 NM	
890-1855-10	BH05A	Total/NA	Solid	8015 NM	
890-1855-11	BH06	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: WSP USA Inc.

Project/Site: Trinity Burrus Unit #025

Job ID: 890-1855-1 SDG: 31403471.004

GC Semi VOA (Continued)

Analysis Batch: 17951 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1855-12	BH06A	Total/NA	Solid	8015 NM	

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Leach Batch: 17706

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batcl
890-1855-1	BH01	Soluble	Solid	DI Leach	
890-1855-2	BH01A	Soluble	Solid	DI Leach	
890-1855-3	BH02	Soluble	Solid	DI Leach	
890-1855-4	BH02A	Soluble	Solid	DI Leach	
890-1855-5	BH03	Soluble	Solid	DI Leach	
890-1855-6	BH03A	Soluble	Solid	DI Leach	
890-1855-7	BH04	Soluble	Solid	DI Leach	
890-1855-8	BH04A	Soluble	Solid	DI Leach	
890-1855-9	BH05	Soluble	Solid	DI Leach	
890-1855-10	BH05A	Soluble	Solid	DI Leach	
890-1855-11	BH06	Soluble	Solid	DI Leach	
890-1855-12	BH06A	Soluble	Solid	DI Leach	
MB 880-17706/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-17706/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-17706/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1855-8 MS	BH04A	Soluble	Solid	DI Leach	
890-1855-8 MSD	BH04A	Soluble	Solid	DI Leach	

Analysis Batch: 17736

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1855-1	BH01	Soluble	Solid	300.0	17706
890-1855-2	BH01A	Soluble	Solid	300.0	17706
890-1855-3	BH02	Soluble	Solid	300.0	17706
890-1855-4	BH02A	Soluble	Solid	300.0	17706
890-1855-5	BH03	Soluble	Solid	300.0	17706
890-1855-6	BH03A	Soluble	Solid	300.0	17706
890-1855-7	BH04	Soluble	Solid	300.0	17706
890-1855-8	BH04A	Soluble	Solid	300.0	17706
890-1855-9	BH05	Soluble	Solid	300.0	17706
890-1855-10	BH05A	Soluble	Solid	300.0	17706
890-1855-11	BH06	Soluble	Solid	300.0	17706
890-1855-12	BH06A	Soluble	Solid	300.0	17706
MB 880-17706/1-A	Method Blank	Soluble	Solid	300.0	17706
LCS 880-17706/2-A	Lab Control Sample	Soluble	Solid	300.0	17706
LCSD 880-17706/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	17706
890-1855-8 MS	BH04A	Soluble	Solid	300.0	17706
890-1855-8 MSD	BH04A	Soluble	Solid	300.0	17706

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Client: WSP USA Inc.

Project/Site: Trinity Burrus Unit #025

Job ID: 890-1855-1 SDG: 31403471.004

Lab Sample ID: 890-1855-1

Matrix: Solid

Date Collected: 01/21/22 10:05 Date Received: 01/21/22 15:46

Client Sample ID: BH01

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	17655	01/25/22 07:25	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17656	01/25/22 12:49	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			18058	01/28/22 14:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17951	01/27/22 16:10	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17748	01/26/22 08:15	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17750	01/26/22 16:19	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	17706	01/25/22 12:28	CH	XEN MID
Soluble	Analysis	300.0		1			17736	01/28/22 01:06	CH	XEN MID

Client Sample ID: BH01A Lab Sample ID: 890-1855-2

Date Collected: 01/21/22 10:07 Matrix: Solid Date Received: 01/21/22 15:46

Batch Dil Initial Final Batch Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab 5035 Total/NA Prep 4.96 g 5 mL 17655 01/25/22 07:25 KL XEN MID Total/NA 8021B 5 mL 01/25/22 13:16 XEN MID Analysis 1 5 mL 17656 MR Total/NA Total BTEX 18058 01/28/22 14:15 XEN MID Analysis 1 A.I Total/NA Analysis 8015 NM 17951 01/27/22 16:10 XEN MID Total/NA 17748 XEN MID Prep 8015NM Prep 10.02 g 01/26/22 08:15 DM 10 mL Total/NA Analysis 8015B NM 17750 01/26/22 16:41 AJ XEN MID Soluble 17706 СН XEN MID Leach DI Leach 5.02 g 50 mL 01/25/22 12:28 Soluble Analysis 300.0 1 17736 01/28/22 01:18 CH

Lab Sample ID: 890-1855-3 Client Sample ID: BH02

Date Collected: 01/21/22 10:15 **Matrix: Solid** Date Received: 01/21/22 15:46

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	17655	01/25/22 07:25	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17656	01/25/22 13:44	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			18058	01/28/22 14:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17951	01/27/22 16:10	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	17748	01/26/22 08:15	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17750	01/26/22 17:26	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	17706	01/25/22 12:28	CH	XEN MID
Soluble	Analysis	300.0		1			17736	01/28/22 01:53	CH	XEN MID

Client Sample ID: BH02A Lab Sample ID: 890-1855-4

Date Collected: 01/21/22 10:16 **Matrix: Solid** Date Received: 01/21/22 15:46

	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	17655	01/25/22 07:25	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17656	01/25/22 14:12	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			18058	01/28/22 14:15	AJ	XEN MID

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XEN MID

Lab Chronicle

Client: WSP USA Inc.

Project/Site: Trinity Burrus Unit #025

SDG: 31403471.004

Client Sample ID: BH02A

Date Collected: 01/21/22 10:16 Date Received: 01/21/22 15:46 Lab Sample ID: 890-1855-4

Matrix: Solid

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			17951	01/27/22 16:10	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	17748	01/26/22 08:15	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17750	01/26/22 17:56	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	17706	01/25/22 12:28	CH	XEN MID
Soluble	Analysis	300.0		1			17736	01/28/22 02:05	CH	XEN MID

Client Sample ID: BH03 Lab Sample ID: 890-1855-5

Date Collected: 01/21/22 10:20 Date Received: 01/21/22 15:46

Batch Batch Dil Initial Final Batch Prepared Prep Type Method Amount Amount Number or Analyzed Type Run Factor Analyst Lab Total/NA 5035 Prep 4.96 g 5 mL 17655 01/25/22 07:25 KL XEN MID Total/NA Analysis 8021B 5 mL 5 mL 17656 01/25/22 14:40 MR XEN MID 1 Total/NA Total BTEX XEN MID Analysis 1 18058 01/28/22 14:15 AJ Total/NA Analysis 8015 NM 17951 01/27/22 16:10 XEN MID AJ XEN MID Total/NA Prep 8015NM Prep 10.03 g 10 mL 17748 01/26/22 08:15 DM Total/NA Analysis 8015B NM 17750 01/26/22 18:18 XEN MID 1 AJSoluble Leach DI Leach 5.03 g 50 mL 17706 01/25/22 12:28 CH XEN MID XEN MID Soluble Analysis 300.0 1 17736 01/28/22 02:17 CH

Client Sample ID: BH03A

Date Collected: 01/21/22 10:22

Lab Sample ID: 890-1855-6

Matrix: Solid

Date Received: 01/21/22 15:46

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	17655	01/25/22 07:25	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17656	01/25/22 15:08	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			18058	01/28/22 14:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17951	01/27/22 16:10	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17748	01/26/22 08:15	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17750	01/26/22 18:41	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	17706	01/25/22 12:28	CH	XEN MID
Soluble	Analysis	300.0		1			17736	01/28/22 02:29	CH	XEN MID

Client Sample ID: BH04 Lab Sample ID: 890-1855-7

Date Collected: 01/21/22 10:25 Date Received: 01/21/22 15:46

	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	17655	01/25/22 07:25	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17656	01/25/22 15:36	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			18058	01/28/22 14:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17951	01/27/22 16:10	AJ	XEN MID
Total/NA Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.02 g	10 mL	17748 17750	01/26/22 08:15 01/26/22 19:03	DM AJ	XEN MID XEN MID

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Matrix: Solid

Job ID: 890-1855-1

Client: WSP USA Inc. Project/Site: Trinity Burrus Unit #025 SDG: 31403471.004

Lab Sample ID: 890-1855-7

Client Sample ID: BH04 Date Collected: 01/21/22 10:25 Date Received: 01/21/22 15:46

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			4.95 g	50 mL	17706	01/25/22 12:28	CH	XEN MID
Soluble	Analysis	300.0		1			17736	01/28/22 02:41	CH	XEN MID

Lab Sample ID: 890-1855-8

Client Sample ID: BH04A Date Collected: 01/21/22 10:26 **Matrix: Solid**

Date Received: 01/21/22 15:46

	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	17655	01/25/22 07:25	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17656	01/25/22 16:04	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			18058	01/28/22 14:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17951	01/27/22 16:10	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17748	01/26/22 08:15	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17750	01/26/22 19:25	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	17706	01/25/22 12:28	CH	XEN MID
Soluble	Analysis	300.0		1			17736	01/28/22 02:52	CH	XEN MID

Client Sample ID: BH05 Lab Sample ID: 890-1855-9

Date Collected: 01/21/22 10:29 **Matrix: Solid**

Date Received: 01/21/22 15:46

	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	17655	01/25/22 07:25	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17656	01/25/22 16:32	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			18058	01/28/22 14:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17951	01/27/22 16:10	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17748	01/26/22 08:15	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17750	01/26/22 19:48	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	17706	01/25/22 12:28	CH	XEN MID
Soluble	Analysis	300.0		1			17736	01/28/22 03:28	CH	XEN MID

Client Sample ID: BH05A Lab Sample ID: 890-1855-10

Date Collected: 01/21/22 10:30 **Matrix: Solid** Date Received: 01/21/22 15:46

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	17655	01/25/22 07:25	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17656	01/25/22 17:00	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			18058	01/28/22 14:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17951	01/27/22 16:10	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	17748	01/26/22 08:15	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17750	01/26/22 20:11	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	17706	01/25/22 12:28	CH	XEN MID
Soluble	Analysis	300.0		1			17736	01/28/22 03:40	CH	XEN MID

Client: WSP USA Inc.

Job ID: 890-1855-1 Project/Site: Trinity Burrus Unit #025 SDG: 31403471.004

Client Sample ID: BH06

Date Collected: 01/21/22 10:38 Date Received: 01/21/22 15:46

Lab Sample ID: 890-1855-11

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	17655	01/25/22 07:25	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17656	01/25/22 18:52	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			18058	01/28/22 14:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17951	01/27/22 16:10	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17748	01/26/22 08:15	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17750	01/26/22 20:33	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	17706	01/25/22 12:28	CH	XEN MID
Soluble	Analysis	300.0		1			17736	01/28/22 04:15	CH	XEN MID

Client Sample ID: BH06A

Date Collected: 01/21/22 10:39

Date Received: 01/21/22 15:46

Lab Sample ID: 890-1855-12

Matrix: Solid

Dil Initial Final Batch Batch Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab 5035 Total/NA Prep 5.04 g 5 mL 17655 01/25/22 16:00 KL XEN MID 8021B Total/NA 5 mL 01/25/22 19:20 XEN MID Analysis 1 5 mL 17656 MR Total/NA Total BTEX 18058 01/28/22 14:15 Analysis 1 A.I XEN MID Total/NA Analysis 8015 NM 17951 01/27/22 16:10 XEN MID XEN MID Total/NA Prep 8015NM Prep 10.01 g 17748 01/26/22 08:15 DM 10 mL Total/NA Analysis 8015B NM 17750 01/26/22 20:56 ΑJ XEN MID Soluble XEN MID Leach DI Leach 5.05 g 50 mL 17706 01/25/22 12:28 CH Soluble Analysis 300.0 17736 01/28/22 04:27 CH XEN MID

Laboratory References:

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

Accreditation/Certification Summary

Client: WSP USA Inc.

Project/Site: Trinity Burrus Unit #025

SDG: 31403471.004

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	Ni	ELAP	T104704400-21-22	06-30-22
The following analytes the agency does not of		it the laboratory is not certifi	ed by the governing authority. This list ma	ay include analytes fo
the agency aces not of	er cerunication.			
Analysis Method	Prep Method	Matrix	Analyte	
9 ,		Matrix Solid	Analyte Total TPH	

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Method Summary

Client: WSP USA Inc.

Project/Site: Trinity Burrus Unit #025

Job ID: 890-1855-1

SDG: 31403471.004

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
3015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
OI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions. SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Eurofins Carlsbad

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Sample Summary

Client: WSP USA Inc.

Project/Site: Trinity Burrus Unit #025

Job ID: 890-1855-1

SDG: 31403471.004

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth	
890-1855-1	BH01	Solid	01/21/22 10:05	01/21/22 15:46	0.5	
890-1855-2	BH01A	Solid	01/21/22 10:07	01/21/22 15:46	1	
890-1855-3	BH02	Solid	01/21/22 10:15	01/21/22 15:46	0.5	
890-1855-4	BH02A	Solid	01/21/22 10:16	01/21/22 15:46	1	
890-1855-5	BH03	Solid	01/21/22 10:20	01/21/22 15:46	0.5	
890-1855-6	вноза	Solid	01/21/22 10:22	01/21/22 15:46	1	
890-1855-7	BH04	Solid	01/21/22 10:25	01/21/22 15:46	0.5	
890-1855-8	BH04A	Solid	01/21/22 10:26	01/21/22 15:46	1	
890-1855-9	BH05	Solid	01/21/22 10:29	01/21/22 15:46	0.5	
890-1855-10	BH05A	Solid	01/21/22 10:30	01/21/22 15:46	1	
890-1855-11	BH06	Solid	01/21/22 10:38	01/21/22 15:46	0.5	
890-1855-12	BH06A	Solid	01/21/22 10:39	01/21/22 15:46	1	

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LABCI	RATORIES		Houston,T	X (281) 240-42(TX (432-704-54)	00 Dal	Paso.	214) 90 TX (915)	2-0300 585-34	Houston,TX (281) 240-4200 Dallas,TX (214) 902-0300 San Antonio,TX (210) 509-333 Midland,TX (432-704-5440) EL Paso,TX (915)585-3443 Lubbock,TX (806)794-1296	509-3334 94-1296		
		Hobbs,	NM (575-392-7	550) Phoenix,A	Z (480	-355-0	900) At	anta,G/	Hobbs,NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta,GA (770-449-8800) Tampa,FL (813-620-2000)	FL (813-6	WW	o.com Page oi
	Kalei Jennings	1		BIII to: (if different)	5						- I	bob Brownfields RC Nuperfund
Address:	3300 North A St. Bldg 1 Unit 222	1124 000		Address:	ġ							1
e ZIP:	Midland TX 79705	01111		City State 7IP		Carle	Carlshad NM	•			Reporting:Level II Level III	ST/UST TRRP TVel IV
	(432) 704-5178		Email:	ravis.casey	@wsp	.com,	kalei.j	enning	Email: <u>travis.casey@wsp.com, kalei.jennings@wsp.com, dan.m</u>	.moir@v	Deliverables: EDD	ADaPT Other:
Project Name:	Trinity Burrus Unit #025	Unit #025	Tur	Turn Around						IS REQUEST	EST	Work Order Notes
Project Number:	31403471.004	004	Routine	e ×								IN: nOY1711428756
P.O. Number:			Rush:									CC
Sampler's Name: Tr	Travis Casey		Due Date:	ate:								API: 30-025-36248
SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	(es) No								
Temperature (°C):	12/10	Th	Thermometer ID	1	ners)				
Received Intact:	Yes No	ラス・	100		ntai)	1)	0.00	890-1855	Chain o	355 Chain of Custody	
Cooler Custody Seals:	8	Correc	Correction Factor:	40	f Co	015	802	PA:	-	-		TAT starts the day recevied by the
Carriero Custody Coals.	163 140	i Otal	otal Containers.		er d	PA	(EP	de (I	_	_	_	
Sample Identification	cation Matrix	Date Sampled	Time Sampled	Depth	Numb	ТРН (Е	втех (Chloric				Sample Comments
ВН01	S	1/21/2022	10:05	0.5	_	×	×	×				Composite
BH01A	S	1/21/2022	10:07	1	_	×	×	×				Composite
ВН02	S	1/21/2022	10:15	0.5		×	×	×				Composite
ВН02А	ဟ	1/21/2022	10:16		_	×	×	×				Composite
ВН03	S	1/21/2022	10:20	0.5	1	×	×	×				Composite
ВНОЗА	S	1/21/2022	10:22	1	1	×	×	×		-		Composite
ВН04	S	1/21/2022	10:25	0.5		×	×	×				Composite
BH04A	S	1/21/2022	10:26	→	1	×	×	×				Composite
ВН05	S	1/21/2022	10:29	0.5	1	×	×	×				Composite
ВН05А	S	1/21/2022	10:30	1		×	×	×				Composite
Total 200.7 / 6010	otal 200.7 / 6010 200.8 / 6020:	8A	BRCRA 13PPM Tex	M Texas 11 AI	Β ≥	Sb As	Ba Ba	Be B	B Cd Ca Cr Co Cu Fe	Fe Pb	Su Fe Pb Mg Mn Mo NiK Se Ag S Mn Mo Ni Se Ag TIU	SiO2 Na Sr TI Sn U V Zn 1631/245.1/7470/7471:Hg
Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for an of Xenco. A minimum charge of \$75.00 will be applied to each project and a charge of \$5 for each sample of Xenco.	ment and relinquishment of e only for the cost of sample of \$75.00 will be applied to e	samples constitut s and shall not as: ach project and a	es a valid purch: sume any respo	ase order from c nsibility for any i	lient co osses o	mpany or exper	to Xenco	o, its affil urred by ot analy	m client company to Xenco, its affiliates and subcontractors. ny losses or expenses incurred by the client if such losses ar	t assigns due to cir	Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$75.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.	
Relinquished by: (Signature)	ignature) /	Received by	eceived by: (Signature)	3)	-	Date/Time	Time		Relinquished by: (Signature	(Signatı	ure) Received by: (Signature)	Signature) Date/Time
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Chain of Custody

Houston,TX (281) 240-4200 Dallas,TX (214) 902-0300 San Antonio,TX (210) 509-3334

Midland,TX (432-704-5440) EL Paso.TX (915)585-3443 Lubbock,TX (806)794-1296

Reporting:Level III Level III ST/US Deliverables: EDD ADAPT REQUEST REQUEST REQUEST REQUEST REQUEST REQUEST REQUEST REQUEST Reduction of Project: NM Reporting:Level III Level III ST/US ADAPT Reduction of Project: NM ADAPT Reduction of Project: NM Reporting:Level III Level III St/US ADAPT Reduction of Project: NM Reporting:Level III Level III Level III Level III St/US REDD ADAPT Reduction of Project: NM ADAPT Reduction of Project: NM Reporting:Level III Level III Level III Level III St/US REQUEST Reduction of Project: NM Reporting:Level III Level III Leve	Hobbs/MI 57-897/505 Promiting Card All St. Card All St	Revised Date 051418 Rev 2018 1			0								G
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MSP USA Inc., Permian office Company Name: State of Project: Name: State of Project: Name: City, State ZIP: City, S	Manager: Kalel Jennings												
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ny Name: WSP USA Inc., Permian office Company Name: Company Name: Program: UST/PST PRP Brownft s: 3300 North A St. Bldg 1, Unit 222 Address: Address: City, State ZIP: Carlsbad, NM Reporting: Level III ST/U ate ZIP: Midland, TX 79705 Email: Itavis, casey@wsp.com, kalei, jennings@wsp.com, dan.moir@w Reporting: Level III ST/U Name: Trinity Burrus Unit #025 Turn Around ANALYSIS REQUEST ANALYSIS REQUEST ANALYSIS REQUEST	Manager: Kalei Jennings Bill to: (if different) Bill to: (if different) Bill to: (if different) Work Order Comm Work Order Comm ny Name: WSP USA Inc., Permian office Company Name: Company Name: State of Project: NM Program: UST/PST □ PRP □ Brownfields Brownfields state ZIP: Midland, TX 79705 City, State ZIP: □ Carlsbad, NM Carlsbad, NM Reporting: Level III □ Level III □ ST/UST Reporting: Level III □ Level III □ ST/UST NALYSIS REQUEST Deliverables: EDD □ ADaPT □ ADaPT □ NALYSIS REQUEST IN: nd IN: nd CC: IN: nd IN: nd III III<	API: 3						ate:	Due [Travis Casey	Sampler's Name:
ny Name: WSP USA Inc., Permian office Company Name: Program: UST/PST PRP Brownfi s: 3300 North A St. Bldg 1, Unit 222 Address: Address: State of Project: NM ate ZIP: Midland, TX 79705 City, State ZIP: Carlsbad, NM Reporting:Level II Level III ST/U Name: Trinity Burrus Unit #025 Tum Around ANALYSIS REQUEST ANALYSIS REQUEST	Manager: Kalei Jennings Bill to: (if different) Bill to: (if different) Www.xenco.com Ywww.xenco.com Ywwx.cenco.com Ywww.xenco.com Ywwx.cenco.com	CC:							Rush:				P.O. Number:
my Name: WSP USA Inc., Permian office Company Name: Program: UST/PST [s: 3300 North A St. Bldg 1, Unit 222 Address: Address: City, State ZIP: Carlsbad, NM Reporting: Level II []t ate ZIP: (432) 704-5178 Email: Itravis.casey@wsp.com, kalei.jennings@wsp.com, dan.moir@w Deliverables: EDD Name: Trinity Burrus Unit #025 Turn Around ANALYSIS REQUEST	Manager: Kalei Jennings Bill to: (if different) Bill to: (if different) Company Name: WSP USA Inc., Permian office Company Name: Company Name: Company Name: Company Name: Program: UST/PST PRP Brownfields State of Project: NM ate ZIP: Midland, TX 79705 Email: trum Around City, State ZIP: Carlsbad, NM Carlsbad, NM Reporting:Level III Level III State of Project: NM Name: Trinity Burrus Unit #025 Turn Around ANALYSIS REQUEST Deliverables: EDD ADaPT Deliverables: EDD ADaPT Deliverables: EDD Deliverables: EDD ADaPT Deliverables: EDD Deliverables: EDD ADaPT Deliverables: EDD ADaPT Deliverables: EDD Deliverables: EDD ADaPT Deliverables: EDD Deliverables: EDD ADaPT Deliverables: EDD Deliverables: EDD Deliverables: EDD Deliverables: EDD Deliverables: EDD	T <u>₹</u>						ře ×	Routir	04	403471.00	31	Project Number:
ny Name: WSP USA Inc., Permian office Company Name: State of Project: 3300 North A St. Bldg 1, Unit 222 Address: City, State ZIP: Midland, TX 79705 City, State ZIP: Carlsbad, NM Email: travis.casey@wsp.com, kalei.jennings@wsp.com, dan.moir@w Program: UST/PST []1	Manager: Kalei Jennings Bill to: (if different) Bill to: (if different) Manager: Kalei Jennings Www.xenco.com York Order Comm ny Name: WSP USA Inc., Permian office Company Name: Company Name: Program: UST/PST PRP Brownfields s: 3300 North A St. Bidg 1, Unit 222 Address: Address: State of Project: NM ate ZIP: Midland, TX 79705 Email: travis.casey@wsp.com , kalei.jennings@wsp.com, dan.moir@w Heporting:Level III Level III ST/UST Deliverables: EDD ADaPT	-						n Around	Tui	Init #025	Burrus U	Trinity	Project Name:
WSP USA Inc., Permian office Company Name: 3300 North A St. Bldg 1, Unit 222 Address: Address: City, State ZIP: Carlsbad, NM Program: UST/PST [State of Project: Carlsbad, NM Reporting:Level II []	Hobbs,NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta,GA (770-449-8800) Tampa,FL (813-620-2000) www.xenco.com Program: UST/PST Work Order Comm WSP USA Inc., Permian office Company Name: Company Name: Program: UST/PST PRP Brownfields 3300 North A St. Bldg 1, Unit 222 Address: State of Project: NM Midland, TX 79705 City, State ZIP: Carlsbad, NM Reporting:Level II Level III ST/UST	ADaPT L	iverables: EDD		ei.jennings	com, kale	@wsp.	travis.casey	Email:			(432) 704-5178	Phone:
WSP USA Inc., Permian office Company Name: Program: UST/PST [3300 North A St. Bldg 1, Unit 222 Address: State of Project:	Hobbs,NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta,GA (770-449-8800) Tampa,FL (813-620-2000) www.xenco.com Program: UST/PST PRP Brownfields WSP USA Inc., Permian office Company Name: Company Name: Program: UST/PST PRP Brownfields 3300 North A St. Bldg 1, Unit 222 Address: State of Project: NM	TSU/TS	orting:Level II Level III	Rep	Z	Carlsbad,		City, State ZIF			705	Midland, TX 79	City, State ZIP:
WSP USA Inc., Permian office Company Name: Program: UST/PST	Kalei Jennings Bill to: (if different) WSP USA Inc., Permian office Company Name: WSP USA Inc., Permian office Company Name: Www.xenco.com Program: UST/PST PRP Brownfields	1	State of Project: NM					Address:		Unit 222	St. Bldg 1,	3300 North A S	Address:
	Hobbs,NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta,GA (770-449-8800) Tampa,FL (813-620-2000) www.xenco.com Kalei Jennings Bill to: (if different) Work Order Com	Brownfields		Pro			ne:	Company Nan		office	, Permian	WSP USA Inc.	Company Name:
Kalei Jennings Bill to: (if different)	www.xenco.com	Order Comm					30	Bill to: (if differer				Kalei Jennings	Project Manager:

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Work Order No:

Eurofins Carlsbad 1089 N Canal St. Carlsbad NM 88220

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13 14

Chain of Custody Record

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	- Anna Anna Anna Anna Anna Anna Anna Ann

💸 eurofins |

Environment Testing
America

State, Zip: TX, 79701 Phone 575-988-3199 Fax. 575-988-3199 Sample Identification - Client ID (Lab ID) BH02 (890-1855-3) BH01A (890-1855-2) Midland Eurofins Environment Testing South Centr BH04 (890-1855-7) BH03A (890-1855-6) BH03 (890-1855-5) BH02A (890-1855-4) BH01 (890-1855-1) 1211 W Florida Ave Shipping/Receiving Client Information BH05 (890-1855-9) BH04A (890-1855-8) rinity Burrus Unit #025 132-704-5440(Tel) Deliverable Requested I II III IV Other (specify) Possible Hazard Identification ote: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Environment Testing South Central LLC laboratory or other instructions will be provided. Any changes to carefulation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins Environment Testing South Central. LLC. Custody Seals Intact:

∆ Yes ∆ No linquished by mpty 🍂 Relinquished by nconfirmed (Sub Contract Lab) Custody Seal 8 Sampler Date/Time Primary Deliverable Rank. 39000048 # 0° TAT Requested (days): Due Date Requested 1/27/2022 Sample Date 1/21/22 1/21/22 1/21/22 1/21/22 1/21/22 1/21/22 1/21/22 1/21/22 1/21/22 Mountain 10 25 Mountain 10 15 Mountain 10 07 Mountain 10 22 Mountain 10 16 Mountain 10 20 Sample 10 05 G=grab) (C=comp, Sample Preservation Code: Type BT=Tissue, A=Ali Company Company Company Matrix Solid Solid Solid Solid Solid Solid Solid Solid Solid jessica kramer@eurofinset.com E-Mail Kramer Jessica Ime Field Filtered Sample (Yes or No) Accreditations Required (See note):
NELAP - Louisiana NELAP - Texas Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) Perform MS/MSD (Yes or No) Special Instructions/QC Requirements Received by Received by Received by × × × × × 8015MOD_NM/8015NM_S_Prep Full TPH Cooler Temperature(s) °C and Other Remarks × × × Return To Client × × × × × × × × × 300_ORGFM_28D/DI_LEACH Chloride × \times × × \times × × × × 8021B/5035FP_Calc BTEX × × × × × × Total_BTEX_GCV Analysis Requested 8015MOD_Calc × × × × × × × × × Ø Disposal By Lab New Mexico State of Origin: Carrier Tracking No(s) 0 Method of Shipment. Date/Time Date/Time: <u>ک</u> 6 Archive For 1 À Total Number of containers (A) * A HCL
NACHE AND A NACH
C Zn Acetate
D - Nitric Acid
E NaHSO4
F MeOH
G Amchior
H Ascorbic Acid
I loe
J DI Water
K EDTA
L EDA COC No: 890-597 1 Preservation Codes Page 1 of 2 390-1855-1 Special Instructions/Note O M Hexane
N-None
O AsNaO2
P-Na2O4S
Q Na2SO3
R-Na2SO3
S H2SO4
I TSP Dodecahydrate Company th do Acetone MCAA other (specify)

Ver: 06/08/2021

Eurofins Carlsbad

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1089 N Canal St.) 	£ ()										, a	eurofins :	3
Carlsbad NM 88220 Phone 575-988-3199 Fax. 575-988-3199		Citalli of Custody Record	i custo	uy Ke	Cora										America
Client Information (Sub Contract Lab)	Sampler			Lab PM Krame	Lab PM Kramer Jessica				Carrier	Carrier Tracking No(s)	No(s)			COC No: 890-597 2	
	Phone:			E-Mail jessica	∈Mail essica.kramer@eurofinset.	ofinset.	com		State of Origin	State of Origin New Mexico				Page Page 2 of 2	
Company Eurofins Environment Testing South Centr				Z &	Accreditations Required (See note): NELAP - Louisiana, NELAP - Texas	quired (Ser lana, NE	e note): LAP -	Texas						Job #: 890-1855-1	
Address 1211 W Florida Ave	Due Date Requested 1/27/2022	ed					Analysis Requested	sis Re	quest	<u> </u>				Preservation Codes	les
City: Midland	TAT Requested (days)	ays) [.]									\Box	-	inger og Manage		M Hexane N - None
State, Zip TX, 79701					li l								ann regas		P Na2O4S Q Na2SO3
Phone: 432-704-5440(Tel)	PO #			1	TPH							·	illand-strik		R Na2S2O3 S H2SO4
Email	WO #			or No	Vo) p Full								(Signadad)	J - DI Water	U Acetone V MCAA
Project Name Trinity Burrus Unit #025	Project #: 89000048			· (Yes	s or l	EX							ainer	K EDTA	W pH 4-5 Z other (specify)
Site:	SSOW#			mple) (Ye 5NM_	c BT							default !	Other:	
			-	Matrix red Sa	NM/801								ber of		
Sample Identification - Client ID (Lab ID)	Sample Date	Sample (Type (C=comp, o.G=grah)	(W=water S=solid, O=waste/oil,	Perform M 015MOD_I 00_ORGFI	021B/6036	015MOD_0						otal Num		
			00 1	43	X	and the		ond)					X		
BH05A (890-1855-10)	1/21/22	10 30 Mountain		Solid	×	×	×						4	Alternative and the second	
ВН06 (890-1855-11)	1/21/22	10 38 Mountain		Solid	×	×	×						98.4		
BH06A (890-1855-12)	1/21/22	10 39 Mountain		Solid	×	×	×						*		
													V ")		

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Note Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central LLC places the ownership of method analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Environment Testing South Central LLC laboratory or other instructions will be provided. Any change to accreditation status should be brought to Eurofins Environment Testing South Central LLC attention immediately. If all requested accreditations are current to date return the stoned Chain of Cuertor assets to a Eurofine Environment Testing South Central LLC attention immediately. If all requested accreditations are current to date return the stoned Chain of Cuertor assets to be Eurofine Environment Testing South Central LLC attention immediately.	ment Testing South Cented above for analysis/tests to Central LLC attention in	ral LLC places th //matrix being ana	e ownership of malyzed the sample	ethod analyte	& accreditation pped back to the prent to date re	compliance Eurofins	e upon o	ut subcor	tract labo	atories. Central I	This sar	nple ship atory or	ment in other in	s forwarded under ch	nain-of-custody If the ovided Any changes to
Possible Hazard Identification					Sample Disposal (sposal (A fee r	nay be	assess	ed if sa	mples	□ are re	taine	A fee may be assessed if samples are retained longer than 1 month)	month)
Deliverable Requested II III IV Other (specify)	Primary Deliverable Rank 2	able Rank 2			Special Instructions	I Instructions/QC	/QC Requirements	quireme	ents	ייטין בי	Ī		71011	ACHINE LOI	монию
Empty Kit Relinquished by:		Date			Time:				< <	Method of Shipment:	Shipmer	ā			
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Relinquished by	Date/Time·		Com	Company	Received by:	by:					Date/Time	ne			Company
Custody Seals Intact: Custody Seal No					Cooler Te	Cooler Temperature	(s) °C and Other Remarks	d Other R	emarks			_		5	100
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Login Sample Receipt Checklist

Client: WSP USA Inc. Job Number: 890-1855-1 SDG Number: 31403471.004

List Number: 1

Login Number: 1855

List Source: Eurofins Carlsbad

Creator: Olivas, Nathaniel

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	

Eurofins Carlsbad

Released to Imaging: 6/21/2022 3:07:46 PM

1/28/2022

Login Sample Receipt Checklist

Client: WSP USA Inc.

Job Number: 890-1855-1 SDG Number: 31403471.004

Login Number: 1855 **List Source: Eurofins Midland** List Number: 2

List Creation: 01/25/22 11:57 AM

Creator: Rodriguez, Leticia

<6mm (1/4").

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	

Eurofins Carlsbad Page 35 of 35

Form C-141

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

State of New Mexico Energy Minerals and Natural Resources

Revised August 8, 2011

ubmit 1 Copy to appropriate District Office in

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

			Relea	se Notifica	tion	and (Cor	rective Ac	tion			
						OPER	AT	OR		✓ Initial	Report	☐ Final Report
Name of Co		Chevron U				Contact		osepha DeLeor				
				id, TX 79706				lo. wk: 575-26	53-0424	l cell: 43	2-425-15	28
Facility Nai	me Trinity	y Burris Abo	Onit #25)		Facility	Тур	e: Oil Well				
Surface Ow	ner Priv	ate		Mineral O	wner	Priva	te			API No	. 30-025	-36248
				LOCA	ΓΙΟΝ	OF R	ELI	EASE				
Unit Letter	Section 27	Township 12S	Range 38E	Feet from the 2310	North South	n/South Li	ine	Feet from the 330	East/V East	Vest Line	County	Lea
				Latitude 33.2	48740			-103.07677				
Type of Rele	ease Spill							Release:			Recovered:	
Source of Re	elease Inje	ection Strainer	:			Date a	and H	s produced water our of Occurrence ; 12:00 AM		Date and	produced v Hour of D 17; 12:00 A	iscovery
Was Immedi	ate Notice C		Yes	No ☐ Not Re	quired	If YES	S, To	Whom? Olivia Yu		0 1/ 03/ 201	7, 12.001	1111
By Whom?	Josepha D	eLeon				Date a	and H	our: 04/05/2017	; 08:00	AM		
Was a Water	course Reac		Yes 🗵	No		If YES	S, Vo	lume Impacting t	the Wate	ercourse.		
	use of Problo	em and Reme	dial Action		er into :	a bermed	B			7:38 aı	m, Ap	r 24, 2017
Describe Are Shut lease in		_		en.* epaired injection s	trainer							
regulations a public health should their or the enviro	Il operators or the enviroperations h nment. In a	are required to comment. The ave failed to a	o report and acceptance acceptanc	is true and compl d/or file certain re e of a C-141 repo investigate and re tance of a C-141	elease i ort by tl emedia	notificatione NMOC te contam	ons an CD ma inatio	nd perform correct arked as "Final R on that pose a thr	ctive acti eport" d eat to gr	ions for rele loes not reli ound water	eases whic leve the op , surface v	h may endanger berator of liability water, human health
	gulez	am.						OIL CON	SERV	ATION	DIVISI	ON
Signature:	Gradia.	erro								10	911	
Printed Nam	e: Josepha	a DeLeon				Approve	d by	Environmental S	pecialist	:: L		
Title: HES	Complianc	e Support - E	nvironmen	tal		Approva	ıl Dat	e: 4/24/2017	7	Expiration 1	Date:	
E-mail Addr	ess: jdxd@	chevron.com	n					`Approval:	-45.	1	Attache	ed 🔃
Date 04/19/2	2017	F	Phone: 43	2-425-1528		se	e at	tached dire	ctive			

* Attach Additional Sheets If Necessary

1RP-4684

nOY1711428756

pOY1711429637

Operator/Responsible Party,

The OCD has received the form C-141 you provided on _4/20/2017_ regarding an unauthorized release. The information contained on that form has been entered into our incident database and remediation case number __1R-_4684_ has been assigned. Please refer to this case number in all future correspondence.

It is the Division's obligation under both the Oil & Gas Act and Water Quality Act to provide for the protection of public health and the environment. Our regulations (19.15.29.11 NMAC) state the following,

The responsible person shall complete <u>division-approved corrective action</u> for releases that endanger public health or the environment. The responsible person shall address releases in accordance with a remediation plan submitted to and approved by the division or with an abatement plan submitted in accordance with 19.15.30 NMAC. [emphasis added]

Release characterization is the first phase of corrective action unless the release is ongoing or is of limited volume and all impacts can be immediately addressed. Proper and cost-effective remediation typically cannot occur without adequate characterization of the impacts of any release. Furthermore, the Division has the ability to impose reasonable conditions upon the efforts it oversees. As such, the Division is requiring a workplan for the characterization of impacts associated with this release be submitted to the OCD District _1_ office in __Hobbs____ on or before _5/24/2017_. If and when the release characterization workplan is approved, there will be an associated deadline for submittal of the resultant investigation report. Modest extensions of time to these deadlines may be granted, but only with acceptable justification.

The goals of a characterization effort are: 1) determination of the lateral and vertical extents along with the magnitude of soil contamination. 2) determine if groundwater or surface waters have been impacted. 3) If groundwater or surface waters have been impacted, what are the extents and magnitude of that impact. 4) The characterization of any other adverse impacts that may have occurred (examples: impacts on vegetation, impacts on wildlife, air quality, loss of use of property, etc.). To meet these goals as quickly as possible, the following items must, at a minimum, be addressed in the release characterization workplan and subsequent reporting:

- Horizontal delineation of soil impacts in each of the four cardinal compass directions. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C₆ thru C₃₆), and for chloride by Method 300. This is not an exclusive list of potential contaminants. Analyzed parameters should be modified based on the nature of the released substance(s). Soil sampling must be both within the impacted area and beyond.
- Vertical delineation of soil impacts. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C₆ thru C₃₆), and for chloride by Method 300. As above, this is not an exclusive list of potential contaminants and can be modified. Vertical characterization samples should be taken at depth intervals no greater than five feet apart. Lithologic description of encountered soils must also be provided. At least ten vertical feet of soils with contaminant concentrations at or below these values must be demonstrated as existing above the water table.
- Nominal detection limits for field and laboratory analyses must be provided.
- Composite sampling is not generally allowed.
- Field screening and assessment techniques are acceptable (headspace, titration, EC [include algorithm for validation purposes], EM, etc.), but the sampling and assay procedures must be clearly defined. Copies of field notes are highly desirable. A statistically significant set of split samples must be submitted for confirmatory laboratory analysis, including the laterally farthest and vertically deepest sets of soil samples. Make sure there are at least two soil samples submitted

for laboratory analysis from each borehole or test pit (highest observed contamination and deepest depth investigated). Copies of the actual laboratory results must be provided including chain of custody documentation.

- •Probable depth to shallowest protectable groundwater and lateral distance to nearest surface water. If there is an estimate of groundwater depth, the information used to arrive at that estimate must be provided. If there is a reasonable assumption that the depth to protectable water is 50 feet or less, the responsible party should anticipate the need for at least one groundwater monitoring well to be installed in the area of likely maximum contamination.
- If groundwater contamination is encountered, an additional investigation workplan may be required to determine the extents of that contamination. Groundwater and/or surface water samples, if any, must be analyzed by a competent laboratory for volatile organic hydrocarbons (typically Method 8260 full list), total dissolved solids, pH, major anions and cations including chloride and sulfate, dissolved iron, and dissolved manganese. The investigation workplan must provide the groundwater sampling method(s) and sample handling protocols. To the fullest extent possible, aqueous analyses must be undertaken using nominal method detection limits. As with the soil analyses, copies of the actual laboratory results must be provided including chain of custody documentation.
- Accurately scaled and well-drafted site maps must be provided providing the location of borings, test pits, monitoring wells, potentially impacted areas, and significant surface features including roads and site infrastructure that might limit either the release characterization or remedial efforts. Field sketches may be included in subsequent reporting, but should not be considered stand-alone documentation of the site's layout. Digital photographic documentation of the location and fieldwork is recommended, especially if unusual circumstances are encountered.

Nothing herein should be interpreted to preclude emergency response actions or to imply immediate remediation by removal cannot proceed as warranted. Nonetheless, characterization of impacts and confirmation of the effectiveness of remedial efforts must still be provided to the OCD before any release incident will be closed.

Jim Griswold

OCD Environmental Bureau Chief 1220 South St. Francis Drive Santa Fe, New Mexico 87505 505-476-3465 jim.griswold@state.nm.us Received by OCD: 2/21/2022 2:09:07 PM tate of New Mexico
Page 3 Oil Conservation Division

	I uge /I U/ /4
Incident ID	NOY1711428756
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<50_(ft bgs)			
Did this release impact groundwater or surface water?	Yes X 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 X No			
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes x 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 x No			
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	Yes X No			
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	Yes X No			
Are the lateral extents of the release within 300 feet of a wetland?	Yes X 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?				
Are the lateral extents of the release within a 100-year floodplain?				
Did the release impact areas not on an exploration, development, production, or storage site?	Yes X No			
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vercontamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	rtical 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	ils.			
X Topographic/Aerial maps				

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.

X Laboratory data including chain of custody

Received by OCD: 2/21/2022 2:09:07 PM Form C-141 State of New Mexico Page 4 Oil Conservation Division

	Page 72 of	74
Incident ID	NOY1711428756	
District RP		
Facility ID		
Application ID		

regulations all operators are required to report and/or file certain release public health or the environment. The acceptance of a C-141 report by t failed to adequately investigate and remediate contamination that pose a	the best of my knowledge and understand that pursuant to OCD rules and notifications and perform corrective actions for releases which may endanger he OCD does not relieve the operator of liability should their operations have threat to groundwater, surface water, human health or the environment. In r of responsibility for compliance with any other federal, state, or local laws
Printed Name:Jeffery Tew	_ Title:Operations Engineer
Signature:	Date:
email:jtew@aecnm.com	Telephone: <u>575-623-2999</u>
OCD Only	
Received by:	Date:

Received by OCD: 2/21/2022 2:09:07 PM Form C-141 State of New Mexico Page 6 Oil Conservation Division

Incident ID NOY1711428756

District RP
Facility ID
Application ID

Closure

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

Closure Report Attachment Checklist: Each of the following	llowing items must be included in the closure report.
X A scaled site and sampling diagram as described in 19	9.15.29.11 NMAC
X Photographs of the remediated site prior to backfill o must be notified 2 days prior to liner inspection)	or photos of the liner integrity if applicable (Note: appropriate OCD District office
X Laboratory analyses of final sampling (Note: appropr	riate ODC District office must be notified 2 days prior to final sampling)
X Description of remediation activities	
and regulations all operators are required to report and/or finally endanger public health or the environment. The acceptance hould their operations have failed to adequately investigate numan health or the environment. In addition, OCD acceptance with any other federal, state, or local laws and/restore, reclaim, and re-vegetate the impacted surface area.	
OCD Only	
Received by:	Date:
	ble party of liability should their operations have failed to adequately investigate and , surface water, human health, or the environment nor does not relieve the responsible aws and/or regulations.
Closure Approved by:	Date:
Printed Name:	Title:

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 83005

CONDITIONS

Operator:	OGRID:
ARMSTRONG ENERGY CORP	1092
P.O. Box 1973	Action Number:
Roswell, NM 88202	83005
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By		Condition Date
jnobui	Closure Report Approved.	6/21/2022