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

State of New Mexico Energy Minerals and Natural Resources Department

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

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

Incident ID	nAPP2134345504
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party OGRID		OGRID				
Contact Name Contact To			elephone			
Contact email Incident #			Incident #	(assigned by OCD)		
Contact maili	ng address			1		
			Location	of Release So	ource	
Latitude				Longitude _		
			(NAD 83 in dec	cimal degrees to 5 decin	nal places)	
Site Name				Site Type		
Date Release	Discovered			API# (if app	plicable)	
Unit Letter	Section	Township	Range	Coun	nty	
Surface Owner: State Federal Private (Name: Nature and Volume of Release Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)						
Crude Oil		Volume Release				overed (bbls)
Produced	Water	Volume Release			Volume Recovered (bbls) Yes No	
			tion of total dissolve water >10,000 mg.		Yes 1	No
Condensat	te	Volume Release		,1.	Volume Recovered (bbls)	
☐ Natural Gas Volume Released (Mcf)			Volume Recovered (Mcf)			
Other (describe) Volume/Weight Released (provide units)		Volume/Wei	ight Recovered (provide units)			
Cause of Rele	ease					

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e of New Mexico

Incident ID nAPP2134345504

Incident ID	nAPP2134345504
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Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the responsible	party consider this a major release?
☐ Yes ☐ No		
If YES, was immediate no	totice given to the OCD? By whom? To whom?	When and by what means (phone, email, etc)?
	Initial Respo	onse
The responsible	party must undertake the following actions immediately unles	s they could create a safety hazard that would result in injury
☐ The source of the rele	ease has been stopped.	
☐ The impacted area ha	as been secured to protect human health and the en	nvironment.
Released materials ha	ave been contained via the use of berms or dikes,	absorbent pads, or other containment devices.
All free liquids and re	ecoverable materials have been removed and man	aged appropriately.
If all the actions described	d above have <u>not</u> been undertaken, explain why:	
B 10.15.20.0 B (4) 334	11	
has begun, please attach	a narrative of actions to date. If remedial effort	ation immediately after discovery of a release. If remediation is have been successfully completed or if the release occurred attach all information needed for closure evaluation.
		my knowledge and understand that pursuant to OCD rules and
		ns and perform corrective actions for releases which may endanger bes not relieve the operator of liability should their operations have
		roundwater, surface water, human health or the environment. In a sibility for compliance with any other federal, state, or local laws
and/or regulations.	if a C-141 report does not reneve the operator of respon	istoring for compliance with any other rederal, state, or local laws
Printed Name:	Ti	le:
Signature: Odvio	n Baks Da	te:
email:	Tel	ephone:
OCD Only		
Received by:	Dat	e:

Location:	PLU 25 Brushy Draw TB				
Spill Date:	12/7/2021				
	Area 1				
Approximate A	rea =	1118.00	sq. ft.		
Average Satura	tion (or depth) of spill =	0.10	inches		
Average Porosi	ty Factor =	0.03			
	VOLUME OF LEAK				
Total Condensa	te =	0.05	bbls		
Total Produced	Water =	0.00	bbls		
	TOTAL VOLUME OF LEAK				
Total Condensa	ate=	0.05	bbls		
Total Produced	Total Produced Water = 0.00				
	TOTAL VOLUME RECOVERED				
Total Condensa	ate=	0.00	bbls		
Total Produced	Water =	0.00	bbls		

	Page 4 of 8	82
Incident ID	nAPP2134345504	
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Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release?	<u>>100 (</u> ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ⊠ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ⊠ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ⊠ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ⊠ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ⊠ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ⊠ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ⊠ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ⊠ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ⊠ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ⊠ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ⊠ No
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ⊠ No
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and ver contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	tical extents of soil
Characterization Report Checklist: Each of the following items must be included in the report.	
Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring well.	ls.

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

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

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Oil Conservation Division

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regulations all operators are required to repo public health or the environment. The accep failed to adequately investigate and remedia	rt and/or file certain release not stance of a C-141 report by the C te contamination that pose a thro	fications and perform co OCD does not relieve the eat to groundwater, surfa	nd understand that pursuant to OCD rules and orrective actions for releases which may endanger e operator of liability should their operations have ace water, human health or the environment. In liance with any other federal, state, or local laws
Printed Name:Adrian Ba	ıker	Title:	Environmental Coordinator
Signature:Clarion P)afo	Date:	03/07/2022
Email:adrian.baker@exx	konmobil.com	Telephone:	432-236-3808
OCD Only			
Received by:		Date:	

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Page 6 Oil Conservation Division

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Closure

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

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

□ A scaled site and sampling diagram as described in 19.15.29.11 NMAC					
☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)					
☐ Laboratory a	nalyses of final sampling (Note: appropria	ate ODC District office m	nust be notified 2 days prior to final sampling)		
☐ Description of	of remediation activities				
and regulations all may endanger pub should their operat human health or th compliance with a restore, reclaim, an	operators are required to report and/or file lic health or the environment. The accept tions have failed to adequately investigate are environment. In addition, OCD acceptant to other federal, state, or local laws and/o	e certain release notificat ance of a C-141 report by and remediate contamina- ance of a C-141 report do regulations. The respon- to the conditions that exist	ny knowledge and understand that pursuant to OCD rules ions and perform corrective actions for releases which we the OCD does not relieve the operator of liability ation that pose a threat to groundwater, surface water, es not relieve the operator of responsibility for ansible party acknowledges they must substantially red prior to the release or their final land use in ation and re-vegetation are complete.		
Printed Name:	_ Adrian Baker_	Title:	Environmental Coordinator		
Signature:	Adrion Base	Date:	03/07/2022		
email:	adrian.baker@exxonmobil.com	Telephone:	(432)-236-3808		
OCD Only					
Received by:		Date:			
remediate contami		surface water, human heal	I their operations have failed to adequately investigate and th, or the environment nor does not relieve the responsible		
Closure Approved	by: <u>Jennifer Nobui</u>	Date:	03/10/2022		
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

March 7, 2022

District II New Mexico Oil Conservation Division 811 South First Street Artesia, New Mexico 88210

RE: Closure Request

Poker Lake Unit 25 Brushy Draw Incident Number nAPP2134345504 Eddy County, New Mexico

To Whom it May Concern:

WSP USA Inc. (WSP) on behalf of XTO Energy, Inc. (XTO), presents the following Closure Request detailing site assessment and soil sampling activities at the Poker Lake Unit 25 Brushy Draw (Site) in Unit F, Section 25, Township 25 South, Range 30 East, in Eddy 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 a small condensate release and flare fire at the Site. Based on the site assessment activities and laboratory analytical results from the soil sampling events, XTO is submitting this Closure Request, and requesting no further action (NFA) for Incident Number nAPP2134345504.

RELEASE BACKGROUND

On December 7, 2021, approximately 0.05 bbls of condensate released from a low-pressure flare, which resulted in a small fire. The fire extinguished itself on the ground and there were no fluids to recover. XTO reported the release via email to the New Mexico Oil Conservation Division (NMOCD) on December 8, 2021, and submitted a Release Notification Form C-141 (Form C-141) on December 9, 2021. The release was assigned Incident Number nAPP2134345504.

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 (NMAC). Depth to groundwater at the Site is estimated to be greater than 100 feet below ground surface (bgs) based on the nearest groundwater well data. The closest permitted water well is New Mexico Office of the State Engineer (NMOSE) well C-4498, located approximately 0.2 miles south of the Site. According to the well record filed in March 2021, C-4498 has a total depth of 109 feet bgs and no groundwater was encountered during drilling of the well, indicating depth to groundwater is greater than 109 feet bgs. Ground surface elevation at the well location is 3,342 feet above mean sea level (amsl), which is approximately 9 feet higher in elevation than



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the Site. All wells used for depth to groundwater determination are depicted on Figure 1. The referenced well records are included in Attachment 1.

The closest continuously flowing or significant watercourse to the Site is a dry wash, located approximately 414 feet south 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)-gasoline range organics (GRO) and TPH-diesel range organics (DRO): 1,000 mg/kg
- TPH: 2,500 mg/kg
- Chloride: 20,000 mg/kg

SITE ASSESSMENT AND DELINEATION ACTIVITIES

On January 11, 2022, WSP personnel were at the Site to evaluate the release extent based on information provided on the Form C-141, visual observations, and information provided by onsite XTO personnel. Three potholes were advanced to a depth of 1-foot bgs within the release extent, to assess for the presence or absence of impacted soil. Two delineation soil samples (SS01/SS01A, SS02/SS02A, and SS03/SS03A) were collected from each pothole at depths of 0.5 feet and 1-foot bgs, respectively. Additionally, soil sample SS04 was collected south of the release extent to confirm the lateral extent of the release. The delineation soil samples were field screened for volatile aromatic hydrocarbons and chloride utilizing a calibrated photoionization detector (PID) and Hach® chloride QuanTab® test strips, respectively. Field screening results and observations for the pothole delineation samples were logged on lithologic/soil sampling logs, which are included in Attachment 2. The release extent and soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on Figure 2. Photographic documentation 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



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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-GRO, TPH-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 samples SS01/SS01A, SS02/SS02A, SS03/SS03A, and SS04 indicated that benzene, BTEX, TPH-GRO/TPH-DRO, TPH, and chloride concentrations were compliant with the Site Closure Criteria. Laboratory analytical results are summarized in Table 1 and the complete laboratory analytical reports are included as Attachment 4.

CLOSURE REQUEST

Site assessment and delineation soil sampling activities were conducted at the Site to assess for the presence or absence of impacted soil resulting from the December 7, 2021 condensate release and flare fire. Laboratory analytical results for the soil samples collected within and around the release extent, indicated that benzene, BTEX, TPH-GRO/TPH-DRO, TPH, and chloride concentrations were compliant with the Closure Criteria. Based on the soil sample analytical results, no impacted soil was identified, and no further remediation was required. As such, XTO respectfully requests no further action for Incident Number nAPP2134345504.

If you have any questions or comments, please do not hesitate to contact Ms. Aimee Cole at (720) 384-7365.

Sincerely,

WSP USA Inc.

Nihaar Katoch

Assistant Consultant, Geologist

Aimee Cole

Linee Cale

Senior Consultant, Environmental Scientist

cc: Shelby Pennington, XTO

Adrian Baker, XTO

Bureau of Land Management



District II Page 4

Attachments:

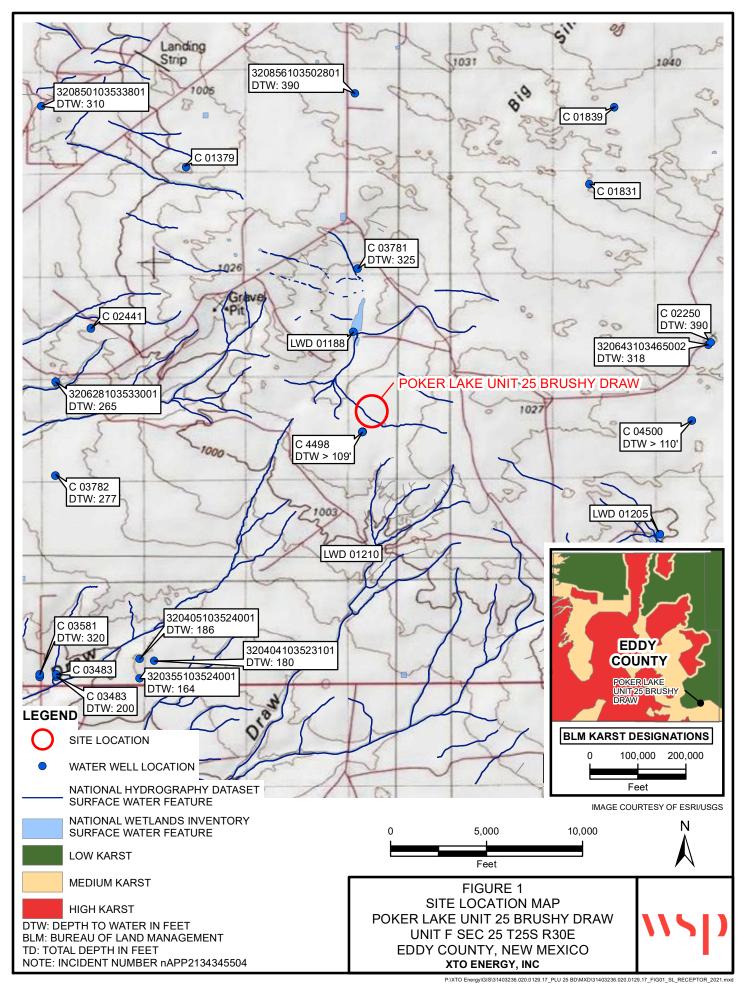
Figure 1 Site Location Map

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



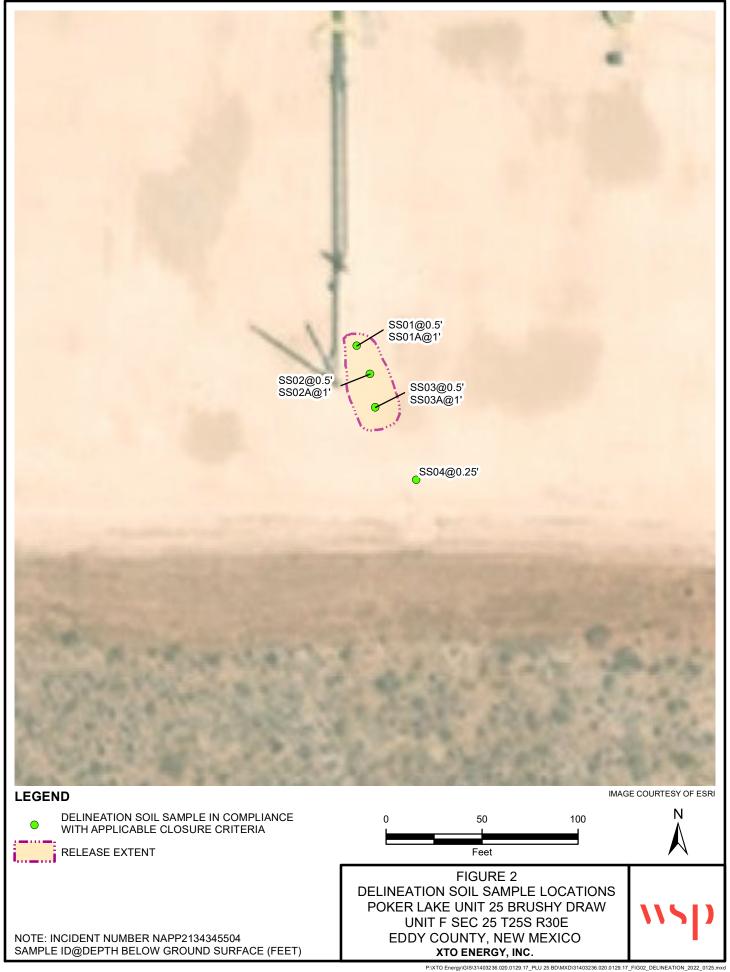


Table 1

Soil Analytical Results Poker Lake Unit 25 Brushy Draw Incident Number: NAPP2134345504 Eddy County, New Mexico

Sample ID	Sample Date	Sample Depth (ft bgs)	Benzene (mg/kg)	BTEX (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)	TPH-ORO (mg/kg)	Total GRO+DRO (mg/kg)	TPH (mg/kg)	Chloride (mg/kg)
NMOCD Tal	ole 1 Closure (Criteria (NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000
Delineation Soil Samples										
SS01	01/11/2022	0.5	< 0.00200	< 0.00401	< 50.0	< 50.0	< 50.0	< 50.0	< 50.0	63.7
SS01A	01/11/2022	1	< 0.00200	< 0.00399	< 50.0	< 50.0	< 50.0	< 50.0	< 50.0	5.75
SS02	01/11/2022	0.5	< 0.00199	< 0.00398	<49.9	85.6	<49.9	85.6	85.6	30.3
SS02A	01/11/2022	1	< 0.00199	< 0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	17.5
SS03	01/11/2022	0.5	< 0.00200	< 0.00399	< 50.0	102	< 50.0	102	102	51.7
SS03A	01/11/2022	1	< 0.00201	< 0.00402	< 50.0	< 50.0	< 50.0	< 50.0	< 50.0	6.38
SS04	02/07/2022	0.25	< 0.00202	< 0.00403	< 50.0	93.3	< 50.0	93.3	93.3	19.6

NOTES:

ft - feet/foot

mg/Kg - milligrams per kilogram

bgs - below ground surface

GRO - Gasoline range organics

DRO - Diesel range organics

ORO - Oil range organics

BTEX - Benzene, Toluene, Ethylbenzene, and Total Xylenes

TPH - Total petroleum hydrocarbons

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

NE - Not Established

NMOCD - New Mexico Oil Conservation Division

NMAC - New Mexico Administrative Code



2904 W 2nd St. Roswell, NM 88201 voice: 575.624.2420 fax: 575.624.2421 www.afkinseng.com

03/11/2021

DII-NMOSE 1900 W 2nd Street Roswell, NM 88201

Hand Delivered to the DII Office of the State Engineer

Re: Well Record C-4498 Pod1

To whom it may concern:

Attached please find a well record and a plugging record, in duplicate, for a one (1) soil borings, C-4498Pod1.

If you have any questions, please contact me at 575.499.9244 or lucas@atkinseng.com.

Sincerely,

Lucas Middleton

Enclosures: as noted above

Grown Middle

DSE DIT MAR 11 2021 #44:22

TA R



OSE DITMAR 11 2021 PM4:22

											10	05	
NO	OSE POD NO. POD1 (BH)	w n/	ELL TAG ID NO. a			OSE F C-449	ILE NO(\$	3).	2	K A	
OCATI	WELL OWNER XTO Energ		ittrell)					PHON	E (OPTIC	DNAL)	CA	1780	
WELL	WELL OWNER 6401 Holida							CITY Midla	and		STATE TX	79707	ZIP
GENERAL AND WELL LOCATION	WELL LOCATION (FROM GPS	i) LON	ITUDE	GREES 32° -103°	MINUTES 6' 50'	SECON 1.96 26.1	6" N 9" W	* DAT	TUM REC	REQUIRED: ONE TENT			
1. GE	NW SW NE		G WELL LOCATION TO T25S R30E	STREET ADDRES	S AND COMMON	I LANDMA	ARKS – PLS	S (SECT	TON, TO	VNSHJIP, RANGE) WHI	ERE AVAII	LABLE	
	LICENSE NO. 1249		NAME OF LICENSED	Jac	kie D. Atkins					NAME OF WELL DRI Atkins Eng		MPANY Associates, I	nc.
DRILLING STARTED O2/24/2021 DRILLING ENDED DEPTH OF COMPLETED WELL (FT) temporary well material DOWN BORE HOLE DEPTH (FT) DEPTH WATER FIRST ENCOUNTERED (FT) n/a													
COMPLETED WELL IS: ARTESIAN OF DRY HOLE SHALLOW (UNCONFINED) STATIC WATER LEVEL IN COMPLETED WELL OF 11/2							LL (FT)						
ATI	DRILLING FL	UID:	AIR	MUD	ADDITTV	ES – SPEC	IFY:						
)KM	DRILLING METHOD: ROTARY HAMMER					OOL	✓ OTHE	R – SPEC	CIFY:	Hollo	w Stem	Auger	
2. DRILLING & CASING INFORMATION	FROM TO DIAM (inches)		(include each casing string, and		CON	ASING NECTION		CASING INSIDE DIAM. (inches)	THIC	G WALL KNESS ches)	SLOT SIZE (inches)		
CA	0	109	±6.5		ring- HSA		(auu coup					_	
₹G &													
נונו													
DRI													
7													
						-							
										7			
	DEPTH (feet bgl)	BORE HOLE		ANNULAR SE					AMOUNT		METHO: PLACEM	
RIAI	FROM	ТО	DIAM. (inches)	GRAVE	L PACK SIZE-	RANGE	BAINIE	RVAL		(cubic feet)	_	PLACEIV	IEN I
ATE											-	-	
R M			*								-		
ANNULAR MATERIAL													
NN													
3. A													
FOR	OSE INTERN	NAL USE								WELL RECORD &	LOG (V	ersion 06/30	0/17)
FILE	NO.				POD NO)			TRN N	IO.			
LOC	ATION							WELL	TAG II	NO.		PAGE	1 OF 2

PAGE 2 OF 2

WELL TAG ID NO.

05E DIJ MPR 11 2021 >44:27



	DEPTH (f	eet bgl)		COLOR AN	D TYPE OF MATERIAL ENCOUN	TERED -	WATER	ESTIMATED
			THICKNESS		R-BEARING CAVITIES OR FRAC		BEARING?	YIELD FOR WATER-
	FROM	то	(feet)	(attach sup	plemental sheets to fully describe a	all units)	(YES 7 NO)	BEARING ZONES (gpm)
	0	34	34	Cali	che, tan, no odor, no stain, gravel, dr	v	Y /N	ZOTIZO (gpill)
	34	40	6		tan, no odor, no stain, m-f grain, wel		Y /N	
	40	56	16	· · · · · · · · · · · · · · · · · · ·	no odor, no stain, m-f grain, well sor		Y /N	
		72	16		idation, tan, no odor, no stain, m-f gra		1	
	56				no odor, no stain, m-f grain, well sor		Y /N	
	72	79	7			· · · · · · · · · · · · · · · · · · ·	-	
ELL	79	109	30	sandstone, low - mediu	m consolidation, tan, no odor, m-f gr	amed, well sorted, i		
F W.							1	
(O 5							Y N	
9							Y N	
Cic							Y N	
OTO							Y N	
4 HYDROGEOLOGIC log of Well							Y N	
DRC							Y N	
H.Y							Y N	
4							Y N	
							Y N	
							Y N	
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							Y N	
							Y N	
							Y N	
	METHOD U	SED TO ES	TIMATE YIELD	OF WATER-BEARING	G STRATA:	I	TAL ESTIMATED	
	PUMI	A	IR LIFT	BAILER OT	HER - SPECIFY:	WI	ELL YIELD (gpm):	0.00
NO	WELL TEST TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.							
VISION	MISCELLA	NEOUS INF	ORMATION: T	emporary well materia	als removed and the soil boring b	ackfilled using dr	ill cuttings from t	otal denth to ten
TEST; RIG SUPER			fe	et below ground surfa	ice, then hydrated bentonite chips	from ten feet bel	low ground surfac	e to surface.
g SU			Lo	ogs adapted from WS	P on-site geologist.			
; RI								
EST	PRINT NAM	E(S) OF DI	RILL RIG SUPER	RVISOR(S) THAT PRO	VIDED ONSITE SUPERVISION O	F WELL CONSTRU	UCTION OTHER T	HAN LICENSEE:
5. T	Shane Eldric	• •		,				
	THE UNDER	RSIGNED H	EREBY CERTII	FIES THAT, TO THE B	EST OF HIS OR HER KNOWLED	GE AND BELIEF,	THE FOREGOING	IS A TRUE AND
TURE	CORRECT F	ECORD O	F THE ABOVE I	DESCRIBED HOLE AN	D THAT HE OR SHE WILL FILE PLETION OF WELL DRILLING:	THIS WELL RECO	ORD WITH THE ST	TATE ENGINEER
6. SIGNATURE	Jack &	Itkins		Jac	ckie D. Atkins		03/11/2021	
9		SIGNAT	URE OF DRILLE	ER / PRINT SIGNEE	NAME		DATE	
FOF	R OSE INTERI	NAL USE				WR-20 WELL R	ECORD & LOG (V	ersion 06/30/2017)
	E NO.				POD NO.	TRN NO.		

LOCATION



PLUGGING RECORD



NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

	ENERAL / WELL OWNERSHIP:			
State	Engineer Well Number: C-4498- POD1			
Well	owner: XTO ENERGY (Kyle Littrell)		Phone No.: _4	32.682.8873
Maili	ing address: 6401 Holiday Hill Dr.			
City:	Midland	State:	Texas	Zip code:
11. W	WELL PLUGGING INFORMATION:			
1)	Name of well drilling company that plugg	ged well: Jackie	D. Atkins (Atkins Engineeri	ng Associates Inc.)
2)	New Mexico Well Driller License No.:			iration Date: 04/30/21
3)	Well plugging activities were supervised Shane Eldridge	by the following	well driller(s)/rig supervisor	r(s):
4)	Date well plugging began: 03/02/2021	D	ate well plugging concluded	d: <u>03/02/2021</u>
5)	GPS Well Location: Latitude: Longitude:		6 min, 1.96 50 min, 26.19	sec sec, WGS 84
6)	Depth of well confirmed at initiation of pl by the following manner: weighted tape	ugging as:1	09 ft below ground leve	l (bgl),
7)	Static water level measured at initiation or	•	ı/a ft bgl	
8)	Date well plugging plan of operations was	s approved by the	State Engineer: 12/01/20	20
9)	Were all plugging activities consistent wit differences between the approved pluggin			

Version: September 8, 2009 Page 1 of 2 Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

Depth (ft bgl)	Plugging <u>Material Used</u> (include any additives used)	Volume of <u>Material Placed</u> (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement Method (tremie pipe, other)	Comments ("casing perforated first", "open annular space also plugged", etc.)
· 5=	0-10' Hydrated Bentonite	Approx. 16 gallons	16 gallons	Augers	
X =	Tryarated Bernerine				
2-					
8 7	10'-109' Drill Cuttings	Approx. 171 gallons	171 gallons	Boring	
_	Jiii Galango	7 prox. 17 ganono	77 I gamente	-	_30J
::-					F # 70
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- T					
Jai					
0 					
-					
-					
8=					
u . 					
		MULTIPLY E	AND OBTAIN		
		cubic feet x 7.4 cubic yards x 201.9	805 = gallons		

III. SIGNATURE:

III. SIGNATURE:		
I, Jackie D. Atkins	, say that I am familiar with the rules of	
Engineer pertaining to the plugging of wells and	that each and all of the statements in this Pluggir	ng Record and attachments
are true to the best of my knowledge and belief.		
Jac	k Atkins	03/11/2021
	Signature of Well Driller	Date

Version: September 8, 2009 Page 2 of 2

2020-03-10_C-4498-POD1_OSE_Well Record and Log-forsign

Final Audit Report 2021-03-11

Created: 2021-03-11

By: Lucas Middleton (lucas@atkinseng.com)

Status: Signer

Transaction ID: CBJCHBCAABAAq2m7g1wGV8cRoBzMugpPTk25-4ojFW8H

"2020-03-10_C-4498-POD1_OSE_Well Record and Log-forsign" History

- Document created by Lucas Middleton (lucas@atkinseng.com) 2021-03-11 7:17:39 PM GMT- IP address: 69.21.248.123
- Document emailed to Jack Atkins (jack@atkinseng.com) for signature 2021-03-11 7:18:18 PM GMT
- Email viewed by Jack Atkins (jack@atkinseng.com)
 2021-03-11 7:29:33 PM GMT- IP address: 74.50.153.115
- Document e-signed by Jack Atkins (jack@atkinseng.com)

 Signature Date: 2021-03-11 7:31:05 PM GMT Time Source: server- IP address: 74.50.153.115

OSE DIT MAR 11 2021 PM4:22

Agreement completed. 2021-03-11 - 7:31:05 PM GMT





USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

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

Click to hideNews Bulletins

- Explore the NEW <u>USGS National Water Dashboard</u> interactive map to access realtime water <u>data</u> from over 13,500 stations nationwide.
- Full News

USGS 320628103533001 25S.30E.21.333424

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

Well Site

DESCRIPTION:

Latitude 32°06'28", Longitude 103°53'30" NAD27 Eddy County, New Mexico , Hydrologic Unit 13060011

Well depth: 288 feet

Land surface altitude: 3,207 feet above NAVD88.

Well completed in "Pecos River Basin alluvial aquifer" (N100PCSRVR) national aquifer.

Well completed in "Alluvium, Bolson Deposits and Other Surface Deposits" (110AVMB) local aquifer

AVAILABLE DATA:

Data Type	Begin Date	End Date	Count		
Field groundwater-level measurements	1958-08-21	1998-01-28	4		
Revisions	Unavailable (site:0) (timeseries:0				

OPERATION:

Record for this site is maintained by the USGS New Mexico Water Science Center Email questions about this site to New Mexico Water Science Center Water-Data Inquiries

Questions about sites/data?
Feedback on this web site
Automated retrievals
Help
Data Tips
Explanation of terms

<u>Subscribe for system changes</u> News

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U.S. Department of the Interior | U.S. Geological Survey

Title: NWIS Site Information for USA: Site Inventory URL: https://waterdata.usgs.gov/nwis/inventory?agency_code=USGS&site_no=320628103533001

Page Contact Information: New Mexico Water Data Support Team

Page Last Modified: 2022-01-19 15:52:28 EST

0.24 0.24 vaww02





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National Water Information System: Web Interface

USGS Water Resources	(Cooperator Access)	Data Category:	Geographic Area:	
osos water Resources	(Cooperator Access)	Groundwater	✓ United States	∨ GO

Click to hideNews Bulletins

- Explore the NEW <u>USGS National Water Dashboard</u> interactive map to access realtime water <u>data</u> from over 13,500 stations nationwide.
- Full News

Groundwater levels for the Nation

Important: <u>Next Generation Monitoring Location Page</u>

Search Results -- 1 sites found

site_no list =

320628103533001

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 320628103533001 25S.30E.21.333424

Available data for this site	Groundwater:	Field measurements	~	GO
Eddy County, New Mexico				
Hydrologic Unit Code 1306	0011			
Latitude 32°06'28", Longit	tude 103°53	3'30" NAD27		
Land-surface elevation 3,2	07 feet abo	ve NAVD88		

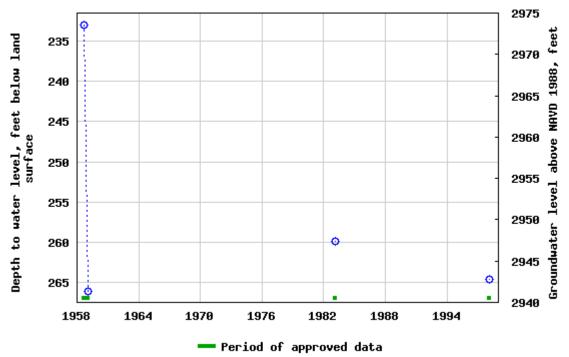
The depth of the well is 288 feet below land surface.

This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national aquifer.

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

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





Breaks in the plot represent a gap of at least one year between field measurements. <u>Download a presentation-quality graph</u>

Questions about sites/data?
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Data Tips
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U.S. Department of the Interior | U.S. Geological Survey

Title: Groundwater for USA: Water Levels

URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: <u>USGS Water Data Support Team</u>

Page Last Modified: 2022-01-19 15:53:01 EST

0.57 0.5 nadww01



Site Name: Poker Lake Unit 25 Brushy Draw RP or Incident Number NAPP2134345504 WSP Job Number: 31403236.020.0129 LITHOLOGIC / SOIL SAMPLING LOG Lat/Long: 32.103780, 1/03.838862 Field Screening: Held Diameter: 1 Total Depth: Hach chloride field screenings include a 40% correction factor M-molst; D-dry, Y-yes; N-no Sample Depth (ft bgs) D 252 0.8 N SS01 0.5 SP-SM Poorly graded sand with gravel and silt, non plastic, light no staining, no odor TD @ 1 ft bgs							
RP or Incident Number NAPP2134345504 WSP Job Number: 31403236.020.0129							
WSP Job Number: 31403236.020.0129 Logged By: MR Method: Backhoe Lat/Long: 32.103780, -103.838862 Field Screening: Hole Diameter: Total Depth: 1 feet Total D							
Comments: All chloride field screenings include a 40% correction factor Hole Diameter: Total Depth: 1 feet							
Hach chloride strips, PID Comments: All chloride field screenings include a 40% correction factor M-moist; D-dry; Y-yes; N-no Purply (Lithology/Remarks) Depth (ft bgs) De							
Comments: All chloride field screenings include a 40% correction factor M-moist; D-dry; Y-yes; N-no Depth (ft bgs) Depth (f							
M-moist; D-dry; Y-yes; N-no Depth (fit bgs) Depth (fit bg							
D 252 0.8 N SS01 0.5 SP-SM Poorly graded sand with gravel and silt, non plastic, light no staining, no odor SP-SM Poorly graded sand with gravel and silt, non plastic, light no staining, no odor							
D 252 0.8 N SS01 0.5 SP-SM Poorly graded sand with gravel and silt, non plastic, light no staining, no odor Poorly graded sand with gravel and silt, non plastic, light no staining, no odor							
D <128 0.8 N SS01A 1 1 SP-SM no staining, no odor Poorly graded sand with gravel and silt, non plastic, light no staining, no odor							
D <128 0.8 N SS01A 1 T 1 SP-SM Poorly graded sand with gravel and silt, non plastic, light no staining, no odor	brown,						
	brown,						
TD @ 1 ft bgs							
	TD @ 1 ft bgs						

7			_		W	SP USA			BH or PH Name: SS 02	Date: 01-11-2	2022
							troct		Sito Name: Baker Lake U	sit 25 Deschu Descu	
				Ca	rlsbad, N	Stevens Stew Mexico	88220		Site Name: Poker Lake Un RP or Incident Number NA		
										03236.020.0129	
		LITH	IOLO	GIC / SOI	L SAMP	LING LO	G		Logged By: MR	Method: Back	hoe
Lat/Lo	ong:	32.10373	398, -10	3.8388413					Hole Diameter:	Total Depth:	
Comr	monte: All	shlorido fic	ld coro	oninge includ	Hach chic	oride strips, Porrection fac	PID			1 feet	
M-mo	oist; D-dry;	Y-yes; N-r	10	eriirigə iriciuc	ie a 40 /6 C	onectioniac					
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	(ft bgs)		USCS/Rock Symbol		Lithol	ogy/Remarks	
D D	<128 <128	1.2 0.8	Z Z	SS02 SS02A	0.5 <u> </u>	1	SP-SM	no staini Poorly g no staini	raded sand with grave ng, no odor raded sand with grave ng, no odor		
							TD (@ 1 ft bg	S		

				BH or PH Name: SS 03	Date: 01-11-2022
WSP USA					
V V -	Ce	508 West Stevens S	Site Name: Poker Lake Un RP or Incident Number NAF		
		mosaa, mon monoc		03236.020.0129	
LITI	HOLOGIC / SO	L SAMPLING LO	G	Logged By: MR	Method: Backhoe
Lat/Long: 32.103 6	921, -103.8388306	Field Screening:		Hole Diameter:	Total Depth:
Comments: All chloride fi	eld screenings inclu	Hach chloride strips, l			1 feet
M-moist; D-dry; Y-yes; N-					
Moisture Content Chloride (ppm) Vapor (ppm)	Staining Sample #	Sample Depth (ft bgs)	USCS/Rock Symbol	Litholo	ogy/Remarks
		<u> </u>			
D <128 1.1	N SS03	0.5		oorly graded sand with gravel o staining, no odor	and silt, non plastic, light brown,
D <128 0.9	N SS03A	1 1 1			and silt, non plastic, light brown,
				staining, no odor	
			TD @	1 ft bgs	
				3	



	PHOTOGRAPHIC LOG	
XTO Energy, Inc.	Poker Lake Unit 25 Brushy Draw	NAPP2134345504
	Eddy County, New Mexico	

and January 11, 2022 ew of the flare stack during site assessment activities.	hoto No.	Date	THE PARTY NAMED IN	Thy #4
	1 Janu	ary 11, 2022		
	iew of the flare sta	ack during		



	PHOTOGRAPHIC LOG	
XTO Energy	Poker Lake Unit 25 Brushy Draw	NAPP2134345504
	Eddy County, New Mexico	

Photo No. Date
2 January 11, 2022

View of release area and backfilled potholes after delineation activities.



Photo No. Date
3 January 11, 2022

View of release area and backfilled potholes after delineation activities.





Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 890-1818-1

Laboratory SDG: 31403236.020.0129 task 17.02 Client Project/Site: Poker Lake Unit 25 Brushy Draw

Revision: 2

For:

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

Attn: Tacoma Morrissey

MRAMER

Authorized for release by: 1/26/2022 12:30:25 PM

Jessica Kramer, Project Manager (432)704-5440

jessica.kramer@eurofinset.com

LINKS

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www.eurofinsus.com/Env

Released to Imaging: 3/10/2022 3:30:30 PM

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

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

1

2

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2

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11

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Client: WSP USA Inc. Project/Site: Poker Lake Unit 25 Brushy Draw Laboratory Job ID: 890-1818-1 SDG: 31403236.020.0129 task 17.02

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Definitions/Glossary

Client: WSP USA Inc. Job ID: 890-1818-1 Project/Site: Poker Lake Unit 25 Brushy Draw

SDG: 31403236.020.0129 task 17.02

Qualifiers

GC VOA
Qualifier

F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.

Indicates the analyte was analyzed for but not detected.

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description		
			_

Qualifier Description

Indicates the analyte was analyzed for but not detected.

Glossary

EDL

Abbreviation	These commonly used abbreviations may or may not be present in this report.						
n	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						
Б.	D. 4. (1. 11. 11. ID. D.(DOE)						

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)

LOD Limit of Detection (DoD/DOE) LOQ Limit of Quantitation (DoD/DOE) MCL EPA recommended "Maximum Contaminant Level"

Estimated Detection Limit (Dioxin)

MDA Minimum Detectable Activity (Radiochemistry) MDC Minimum Detectable Concentration (Radiochemistry) MDL Method Detection Limit

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

NC Not Calculated

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

NEG Negative / Absent POS Positive / Present

PQL **Practical Quantitation Limit**

PRES Presumptive QC **Quality Control**

RER Relative Error Ratio (Radiochemistry)

Reporting Limit or Requested Limit (Radiochemistry) RL

Relative Percent Difference, a measure of the relative difference between two points **RPD**

TEF Toxicity Equivalent Factor (Dioxin) **TEQ** Toxicity Equivalent Quotient (Dioxin)

Too Numerous To Count **TNTC**

Job ID: 890-1818-1

Case Narrative

Client: WSP USA Inc.

Project/Site: Poker Lake Unit 25 Brushy Draw

SDG: 31403236.020.0129 task 17.02

Job ID: 890-1818-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative 890-1818-1

REVISION

The report being provided is a revision of the original report sent on 1/17/2022. The report (revision 2) is being revised due to Per client email, requesting depths to be updated.

Report revision history

The report being provided is a revision of the original report sent on 1/17/2022. The report (revision 2) is being revised due to Per client email, requesting depths to be updated.

Revision 1 - 1/24/2022 - Reason - Per client email, requesting TPH re run on SS01, SS02, and SS03.

Receipt

The samples were received on 1/11/2022 3:42 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 1.2°C

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-16734 and analytical batch 880-16738 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SS01A (890-1818-2), SS02 (890-1818-3), SS02A (890-1818-4), SS03 (890-1818-5), SS03A (890-1818-6), (MB 880-16794/1-A), (890-1818-A-1-E MS) and (890-1818-A-1-F MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (880-10292-A-1-C), (880-10292-A-1-D MS) and (880-10292-A-1-E MSD). Evidence of matrix interferences is not obvious.

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

HPLC/IC

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

3

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14

Matrix: Solid

Client Sample Results

Client: WSP USA Inc. Job ID: 890-1818-1 Project/Site: Poker Lake Unit 25 Brushy Draw SDG: 31403236.020.0129 task 17.02

Client Sample ID: SS01 Lab Sample ID: 890-1818-1 Date Collected: 01/11/22 11:50 Date Received: 01/11/22 15:42

Sample Depth: 0.5

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/13/22 10:00	01/14/22 09:00	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/13/22 10:00	01/14/22 09:00	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/13/22 10:00	01/14/22 09:00	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		01/13/22 10:00	01/14/22 09:00	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/13/22 10:00	01/14/22 09:00	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		01/13/22 10:00	01/14/22 09:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130			01/13/22 10:00	01/14/22 09:00	1
1,4-Difluorobenzene (Surr)	103		70 - 130			01/13/22 10:00	01/14/22 09:00	1
Method: Total BTEX - Total B	TEX Calcula	tion						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			01/17/22 14:41	1
Method: 8015 NM - Diesel Rai Analyte	Result	Qualifier	RL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/17/22 14:06	1
Method: 8015B NM - Diesel R	•		· ,					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/19/22 08:54	01/21/22 08:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/19/22 08:54	01/21/22 08:47	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/19/22 08:54	01/21/22 08:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130			01/19/22 08:54	01/21/22 08:47	1
o-Terphenyl	77		70 - 130			01/19/22 08:54	01/21/22 08:47	1
Method: 300.0 - Anions, Ion C	hromatogra	phy - Solu	ıble					
Analyte		Qualifier	RL	Unit			Analyzed	Dil Fac

Client Sample ID: SS01A Lab Sample ID: 890-1818-2 Date Collected: 01/11/22 11:58 **Matrix: Solid**

5.00

63.7

mg/Kg

01/16/22 22:19

Date Received: 01/11/22 15:42

Sample Depth: 1

Chloride

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/13/22 10:00	01/14/22 09:21	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/13/22 10:00	01/14/22 09:21	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/13/22 10:00	01/14/22 09:21	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		01/13/22 10:00	01/14/22 09:21	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/13/22 10:00	01/14/22 09:21	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		01/13/22 10:00	01/14/22 09:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130			01/13/22 10:00	01/14/22 09:21	1

Client: WSP USA Inc. Job ID: 890-1818-1

Project/Site: Poker Lake Unit 25 Brushy Draw SDG: 31403236.020.0129 task 17.02

Client Sample ID: SS01A

Lab Sample ID: 890-1818-2 Date Collected: 01/11/22 11:58 **Matrix: Solid** Date Received: 01/11/22 15:42

Sample Depth: 1

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

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1.4-Difluorobenzene (Surr)	95	70 - 130	01/13/22 10:00 01	/14/22 09:21	

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			01/17/22 14:41	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/17/22 14:06	1

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/13/22 14:51	01/15/22 14:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/13/22 14:51	01/15/22 14:13	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/13/22 14:51	01/15/22 14:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	65	S1-	70 - 130	01/13/22 14:51	01/15/22 14:13	1
o-Terphenyl	70		70 - 130	01/13/22 14:51	01/15/22 14:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.75	4.95	mg/Kg			01/16/22 22:31	1

Lab Sample ID: 890-1818-3 Client Sample ID: SS02 Matrix: Solid

Date Collected: 01/11/22 12:06 Date Received: 01/11/22 15:42

Sample Depth: 0.5

Method: 8021B - Volatile Organic Compo	nounds	(GC)
--	--------	------

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/13/22 10:00	01/14/22 09:41	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/13/22 10:00	01/14/22 09:41	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/13/22 10:00	01/14/22 09:41	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/13/22 10:00	01/14/22 09:41	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/13/22 10:00	01/14/22 09:41	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/13/22 10:00	01/14/22 09:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130			01/13/22 10:00	01/14/22 09:41	1
1,4-Difluorobenzene (Surr)	100		70 - 130			01/13/22 10:00	01/14/22 09:41	1

Method: Tota	I RTEY	Total RTEY	Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/17/22 14:41	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	85.6		49.9	mg/Kg			01/17/22 14:06	1	

Client: WSP USA Inc. Job ID: 890-1818-1

Project/Site: Poker Lake Unit 25 Brushy Draw SDG: 31403236.020.0129 task 17.02

Client Sample ID: SS02 Lab Sample ID: 890-1818-3 Date Collected: 01/11/22 12:06 **Matrix: Solid** Date Received: 01/11/22 15:42

Sample Depth: 0.5

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/13/22 14:51	01/21/22 09:08	1
Diesel Range Organics (Over C10-C28)	85.6		49.9	mg/Kg		01/13/22 14:51	01/21/22 09:08	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/13/22 14:51	01/21/22 09:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130			01/13/22 14:51	01/21/22 09:08	1
o-Terphenyl	76		70 - 130			01/13/22 14:51	01/21/22 09:08	1

Analyte Result Qualifier RL Unit Prepared Analyzed Dil Fac 5.00 01/16/22 22:43 Chloride mg/Kg 30.3

Client Sample ID: SS02A Lab Sample ID: 890-1818-4

Date Collected: 01/11/22 12:58 **Matrix: Solid**

Date Received: 01/11/22 15:42

Sample Depth: 1

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/13/22 10:00	01/14/22 10:01	1
Toluene	< 0.00199	U	0.00199	mg/Kg		01/13/22 10:00	01/14/22 10:01	1
Ethylbenzene	< 0.00199	U	0.00199	mg/Kg		01/13/22 10:00	01/14/22 10:01	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/13/22 10:00	01/14/22 10:01	1
o-Xylene	< 0.00199	U	0.00199	mg/Kg		01/13/22 10:00	01/14/22 10:01	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/13/22 10:00	01/14/22 10:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130			01/13/22 10:00	01/14/22 10:01	1
1,4-Difluorobenzene (Surr)	99		70 - 130			01/13/22 10:00	01/14/22 10:01	1
Method: 8015 NM - Diesel Rar	nge Organic	s (DRO) (0	GC)	mg/Kg				
Method: 8015 NM - Diesel Rar			•		_			
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/17/22 14:06	1
Method: 8015B NM - Diesel R	_		(GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	Ū	49.9	mg/Kg		01/13/22 14:51	01/15/22 14:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/13/22 14:51	01/15/22 14:53	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/13/22 14:51	01/15/22 14:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	67	S1-	70 - 130			01/13/22 14:51	01/15/22 14:53	1

Eurofins Carlsbad

01/13/22 14:51 01/15/22 14:53

70 - 130

69 S1-

o-Terphenyl

Matrix: Solid

Lab Sample ID: 890-1818-4

Client: WSP USA Inc. Job ID: 890-1818-1

Project/Site: Poker Lake Unit 25 Brushy Draw SDG: 31403236.020.0129 task 17.02

Client Sample ID: SS02A

Date Collected: 01/11/22 12:58 Date Received: 01/11/22 15:42

Sample Depth: 1

Method: 300.0 - Anions, Ion Cl	hromatograj	phy - Solu	ble					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.5		5.04	mg/Kg			01/16/22 22:55	1

Client Sample ID: SS03 Lab Sample ID: 890-1818-5 Matrix: Solid

Date Collected: 01/11/22 13:00 Date Received: 01/11/22 15:42

Sample Depth: 0.5

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/13/22 10:00	01/14/22 10:22	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/13/22 10:00	01/14/22 10:22	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/13/22 10:00	01/14/22 10:22	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		01/13/22 10:00	01/14/22 10:22	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/13/22 10:00	01/14/22 10:22	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		01/13/22 10:00	01/14/22 10:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130			01/13/22 10:00	01/14/22 10:22	1
1,4-Difluorobenzene (Surr)	95		70 - 130			01/13/22 10:00	01/14/22 10:22	1

Method. Total BTEX - Total BT	EX Calcula	uon						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			01/17/22 14:41	1
Method: 8015 NM - Diesel Ran	ge Organic	s (DRO) (0	GC)					

Analyte	•	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	102		50.0	mg/Kg			01/17/22 14:06	1
Method: 8015B NM - Diesel Rang	ge Organ	ics (DRO) (GC)						

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/13/22 14:51	01/15/22 15:12	1
Diesel Range Organics (Over C10-C28)	102		50.0	mg/Kg		01/13/22 14:51	01/15/22 15:12	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/13/22 14:51	01/15/22 15:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	67	S1-	70 - 130			01/13/22 14:51	01/15/22 15:12	1
o-Terphenyl	71		70 - 130			01/13/22 14:51	01/15/22 15:12	1

Method: 300.0 - Anions, Ion Cl	nromatogra	phy - Solu	ble					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	51.7		5.00	mg/Kg			01/16/22 23:30	1

Matrix: Solid

Lab Sample ID: 890-1818-6

Client: WSP USA Inc. Job ID: 890-1818-1 Project/Site: Poker Lake Unit 25 Brushy Draw SDG: 31403236.020.0129 task 17.02

Client Sample ID: SS03A

Date Collected: 01/11/22 13:02 Date Received: 01/11/22 15:42

Sample Depth: 1

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		01/13/22 10:00	01/14/22 11:25	1
Toluene	< 0.00201	U	0.00201	mg/Kg		01/13/22 10:00	01/14/22 11:25	1
Ethylbenzene	< 0.00201	U	0.00201	mg/Kg		01/13/22 10:00	01/14/22 11:25	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		01/13/22 10:00	01/14/22 11:25	1
o-Xylene	< 0.00201	U	0.00201	mg/Kg		01/13/22 10:00	01/14/22 11:25	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		01/13/22 10:00	01/14/22 11:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130			01/13/22 10:00	01/14/22 11:25	1
1,4-Difluorobenzene (Surr)	92		70 - 130			01/13/22 10:00	01/14/22 11:25	1
Method: Total BTEX - Total B	ΓEX Calcula	tion						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			01/17/22 14:41	1
_ Method: 8015 NM - Diesel Rar	nge Organic	s (DRO) (0	ac)					
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/17/22 14:06	1
Method: 8015B NM - Diesel R	ange Organ	ics (DRO)	(GC)					
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/13/22 14:51	01/15/22 15:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/13/22 14:51	01/15/22 15:32	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/13/22 14:51	01/15/22 15:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	65	S1-	70 - 130			01/13/22 14:51	01/15/22 15:32	1
o-Terphenyl	72		70 - 130			01/13/22 14:51	01/15/22 15:32	1
Method: 300.0 - Anions, Ion C	hromatogra	phy - Solu	ıble					
mothical cools 7 miletio, ion c								
Analyte	_	Qualifier	RL 4.95		D	Prepared	Analyzed 01/16/22 23:42	Dil Fac

Surrogate Summary

Client: WSP USA Inc. Job ID: 890-1818-1 Project/Site: Poker Lake Unit 25 Brushy Draw SDG: 31403236.020.0129 task 17.02

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

			Percer	nt Surrogate Rec
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
890-1818-1	SS01	112	103	
890-1818-2	SS01A	108	95	
890-1818-3	SS02	110	100	
890-1818-4	SS02A	131 S1+	99	
890-1818-5	SS03	125	95	
890-1818-6	SS03A	120	92	
890-1823-A-1-A MS	Matrix Spike	691 S1+	94	
890-1823-A-1-B MSD	Matrix Spike Duplicate	578 S1+	35 S1-	
LCS 880-16734/1-A	Lab Control Sample	107	96	
LCSD 880-16734/2-A	Lab Control Sample Dup	115	105	
MB 880-16730/5-A	Method Blank	118	99	
MB 880-16734/5-A	Method Blank	126	116	

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid Prep Type: Total/NA

			Pe
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-10292-A-1-D MS	Matrix Spike	64 S1-	56 S1-
880-10292-A-1-E MSD	Matrix Spike Duplicate	66 S1-	59 S1-
890-1818-1	SS01	74	77
890-1818-1 MS	SS01	68 S1-	68 S1-
890-1818-1 MSD	SS01	68 S1-	68 S1-
890-1818-2	SS01A	65 S1-	70
890-1818-3	SS02	74	76
890-1818-4	SS02A	67 S1-	69 S1-
890-1818-5	SS03	67 S1-	71
890-1818-6	SS03A	65 S1-	72
LCS 880-16794/2-A	Lab Control Sample	88	90
LCS 880-17217/2-A	Lab Control Sample	99	94
LCSD 880-16794/3-A	Lab Control Sample Dup	83	84
LCSD 880-17217/3-A	Lab Control Sample Dup	102	98
MB 880-16794/1-A	Method Blank	68 S1-	76
MB 880-17217/1-A	Method Blank	74	82

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Client: WSP USA Inc.

Job ID: 890-1818-1

SDG: 31403236.020.0129 task 17.02

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-16730/5-A

Project/Site: Poker Lake Unit 25 Brushy Draw

Matrix: Solid

Analysis Batch: 16738

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 16730

	IVIB IV	/IB						
Analyte	Result C	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200 U	J	0.00200	mg/Kg		01/13/22 11:00	01/13/22 15:48	1
Toluene	<0.00200 U	J	0.00200	mg/Kg		01/13/22 11:00	01/13/22 15:48	1
Ethylbenzene	<0.00200 U	J	0.00200	mg/Kg		01/13/22 11:00	01/13/22 15:48	1
m-Xylene & p-Xylene	<0.00400 U	J	0.00400	mg/Kg		01/13/22 11:00	01/13/22 15:48	1
o-Xylene	<0.00200 U	J	0.00200	mg/Kg		01/13/22 11:00	01/13/22 15:48	1
Xylenes, Total	<0.00400 U	J	0.00400	mg/Kg		01/13/22 11:00	01/13/22 15:48	1

MB MB

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	118		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

01/13/22 11:00 01/13/22 15:48 01/13/22 11:00 01/13/22 15:48

Analyzed

Client Sample ID: Method Blank

Prepared

Prep Type: Total/NA Prep Batch: 16734

Lab Sample ID: MB 880-16734/5-A Matrix: Solid

Analysis Batch: 16738

	MB M	В					
Analyte	Result Q	ualifier	RL Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200 U	0.00	0200 mg/K	ig	01/13/22 10:00	01/14/22 03:25	1
Toluene	<0.00200 U	0.00	0200 mg/K	(g	01/13/22 10:00	01/14/22 03:25	1
Ethylbenzene	<0.00200 U	0.00	0200 mg/K	(g	01/13/22 10:00	01/14/22 03:25	1
m-Xylene & p-Xylene	<0.00400 U	0.00	0400 mg/K	(g	01/13/22 10:00	01/14/22 03:25	1
o-Xylene	<0.00200 U	0.00	0200 mg/K	(g	01/13/22 10:00	01/14/22 03:25	1
Xylenes, Total	<0.00400 U	0.00	0400 mg/K	.g	01/13/22 10:00	01/14/22 03:25	1

MB MB

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126	70 - 130	01/13/22 10:00	01/14/22 03:25	1
1,4-Difluorobenzene (Surr)	116	70 - 130	01/13/22 10:00	01/14/22 03:25	1

Lab Sample ID: LCS 880-16734/1-A

Matrix: Solid

Analysis Batch: 16738

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

Prep Batch: 16734

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.07868		mg/Kg		79	70 - 130	
Toluene	0.100	0.08474		mg/Kg		85	70 - 130	
Ethylbenzene	0.100	0.09796		mg/Kg		98	70 - 130	
m-Xylene & p-Xylene	0.200	0.1848		mg/Kg		92	70 - 130	
o-Xylene	0.100	0.08974		mg/Kg		90	70 - 130	

LCS LCS

Surrogate	%Recovery Q	ualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-16734/2-A

Matrix: Solid

Analysis Batch: 16738

	Client Sample ID: Lab Control Sample Dup	
	Prep Type: Total/NA	
	Prep Batch: 16734	
)	%Rec. RPD	

Spike LCSD LCSD Added Result Qualifier Unit RPD Analyte D %Rec Limits Limit Benzene 0.100 0.09943 mg/Kg 99 70 - 130 23

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1

Dil Fac

Client: WSP USA Inc. Job ID: 890-1818-1 Project/Site: Poker Lake Unit 25 Brushy Draw SDG: 31403236.020.0129 task 17.02

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

Lab Sample ID: LCSD 880-16734/2-A

Matrix: Solid

Analysis Batch: 16738

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA Prep Batch: 16734

LCSD LCSD Spike **RPD** %Rec. Analyte Added Result Qualifier Unit %Rec Limits RPD Limit Toluene 0.100 0.1085 mg/Kg 109 70 - 130 25 35 0.100 Ethylbenzene 0.1145 mg/Kg 114 70 - 130 16 35 0.200 0.2223 mg/Kg 70 - 130 18 35 m-Xylene & p-Xylene 111 0.100 35 o-Xylene 0.1087 mg/Kg 109 70 - 130 19

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 890-1823-A-1-A MS

Matrix: Solid

Analysis Batch: 16738

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 16734

Sample Sample Spike MS MS %Rec. Analyte Result Qualifier Added Result Qualifier D %Rec Limits Unit Benzene <0.00199 U F2 F1 0.0998 0.03705 F1 37 70 - 130 mg/Kg Toluene <0.00199 U F2 F1 0.0998 0.3163 F1 mg/Kg 317 70 - 130 Ethylbenzene <0.00199 U F1 F2 0.0998 0.1822 F1 mg/Kg 183 70 - 130 m-Xylene & p-Xylene <0.00398 U F2 F1 0.200 0.3598 F1 180 70 - 130 mg/Kg o-Xylene <0.00199 U F2 F1 0.0998 0.1645 F1 mg/Kg 165 70 - 130

MS MS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	691	S1+	70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: 890-1823-A-1-B MSD

Matrix: Solid

Analysis Batch: 16738

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 16734

_	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00199	U F2 F1	0.0996	0.07644	F2	mg/Kg		77	70 - 130	69	35
Toluene	<0.00199	U F2 F1	0.0996	0.05419	F1 F2	mg/Kg		54	70 - 130	141	35
Ethylbenzene	<0.00199	U F1 F2	0.0996	0.06866	F1 F2	mg/Kg		69	70 - 130	91	35
m-Xylene & p-Xylene	<0.00398	U F2 F1	0.199	0.3008	F1	mg/Kg		151	70 - 130	18	35
o-Xylene	<0.00199	U F2 F1	0.0996	0.3488	F1 F2	mg/Kg		350	70 - 130	72	35

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	578	S1+	70 - 130
1,4-Difluorobenzene (Surr)	35	S1-	70 - 130

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

Lab Sample ID: MB 880-16794/1-A

Matrix: Solid

Analysis Batch: 16940

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

Prep Batch: 16794

MB MB Result Qualifier RL Unit Analyte Prepared Analyzed Gasoline Range Organics <50.0 U 50.0 mg/Kg 01/13/22 14:51 01/15/22 12:09

(GRO)-C6-C10

Client: WSP USA Inc.

Job ID: 890-1818-1

SDG: 31403236.020.0129 task 17.02

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

Lab Sample ID: MB 880-16794/1-A **Matrix: Solid**

Lab Sample ID: LCS 880-16794/2-A

Project/Site: Poker Lake Unit 25 Brushy Draw

Analysis Batch: 16940

Client Sample ID: Method Blank

Prep Type: Total/NA Prep Batch: 16794

MB MB Result Qualifier RL Unit Prepared Analyzed Dil Fac Diesel Range Organics (Over <50.0 U 50.0 mg/Kg 01/13/22 14:51 01/15/22 12:09 C10-C28) Oll Range Organics (Over C28-C36) <50.0 U 50.0 mg/Kg 01/13/22 14:51 01/15/22 12:09

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130	01/13/22 14:51 01/15/22 12:	9 1
o-Terphenyl	76		70 - 130	01/13/22 14:51 01/15/22 12:	9 1

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 16794

LCS LCS Spike %Rec. Added Result Qualifier Limits Analyte Unit %Rec Gasoline Range Organics 1000 810.8 mg/Kg 81 70 - 130 (GRO)-C6-C10 Diesel Range Organics (Over 1000 861.4 86 70 - 130 mg/Kg C10-C28)

LCS LCS

Surrogate	%Recovery Qualifier	Limits
1-Chlorooctane	88	70 - 130
o-Terphenyl	90	70 - 130

Lab Sample ID: LCSD 880-16794/3-A Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Matrix: Solid

Analysis Batch: 16940

Analysis Batch: 16940

Prep Type: Total/NA Prep Batch: 16794

	Spike	LCSD	LCSD				%Rec.		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics	1000	780.7		mg/Kg		78	70 - 130	4	20	
(GRO)-C6-C10										
Diesel Range Organics (Over	1000	827.4		mg/Kg		83	70 - 130	4	20	
C10-C28)										

LCSD LCSD

Surrogate	%Recovery Qualifier	Limits
1-Chlorooctane	83	70 - 130
o-Terphenyl	84	70 - 130

Lab Sample ID: 890-1818-1 MS **Client Sample ID: SS01 Matrix: Solid** Prep Type: Total/NA **Analysis Batch: 16940**

Prep Batch: 16794

Sample Sample Spike MS MS %Rec. **Analyte** Result Qualifier Added Result Qualifier Unit %Rec Limits Gasoline Range Organics <49.9 U 996 1171 116 70 - 130 mg/Kg (GRO)-C6-C10 62.5 996 1032 mg/Kg 97 70 - 130 Diesel Range Organics (Over C10-C28)

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

Client: WSP USA Inc. Job ID: 890-1818-1 Project/Site: Poker Lake Unit 25 Brushy Draw SDG: 31403236.020.0129 task 17.02

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

Lab Sample ID: 890-1818-1 MSD Client Sample ID: SS01 Prep Type: Total/NA **Matrix: Solid**

Analysis Batch: 16940

Prep Batch: 16794 Sample Sample Spike MSD MSD %Rec. **RPD** Result Qualifier Result Qualifier Added %Rec Limits RPD Limit Analyte Unit D <49.9 U Gasoline Range Organics 999 1097 mg/Kg 108 70 - 130 6 20 (GRO)-C6-C10 Diesel Range Organics (Over aga 1054 99 70 - 130 2 62.5 mg/Kg 20

C10-C28)

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

Lab Sample ID: MB 880-17217/1-A **Client Sample ID: Method Blank**

Analysis Batch: 17328

Matrix: Solid Prep Type: Total/NA Prep Batch: 17217

MB MB

Result Qualifier RL Unit Dil Fac Analyte Prepared Analyzed Gasoline Range Organics <50.0 U 50.0 01/19/22 08:54 01/21/22 01:07 mg/Kg (GRO)-C6-C10 01/19/22 08:54 01/21/22 01:07 Diesel Range Organics (Over <50.0 U 50.0 mg/Kg C10-C28) OII Range Organics (Over C28-C36) <50.0 U 50.0 01/19/22 08:54 01/21/22 01:07 mg/Kg

MR MR

Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 1-Chlorooctane 74 70 - 130 01/19/22 08:54 01/21/22 01:07 70 - 130 01/19/22 08:54 01/21/22 01:07 o-Terphenyl 82

Lab Sample ID: LCS 880-17217/2-A

Matrix: Solid

Analysis Batch: 17328

Client Sample ID: Lab Control Sample **Prep Type: Total/NA** Prep Batch: 17217

Spike LCS LCS %Rec. Added Result Qualifier %Rec Limits Analyte Unit D Gasoline Range Organics 1000 1121 mg/Kg 112 70 - 130 (GRO)-C6-C10 Diesel Range Organics (Over 1000 1011 mg/Kg 101 70 - 130 C10-C28)

LCS LCS

Surrogate %Recovery Qualifier Limits 1-Chlorooctane 70 - 130 99 o-Terphenyl 94 70 - 130

Lab Sample ID: LCSD 880-17217/3-A

Matrix: Solid

Analysis Batch: 17328

Client Sample ID: Lab Control Sample Dup **Prep Type: Total/NA** Prep Batch: 17217 LCSD LCSD %Rec. **RPD** Unit %Rec Limits **RPD** Limit

Analyte Added Result Qualifier 1082 Gasoline Range Organics 1000 mg/Kg 108 70 - 130 20 (GRO)-C6-C10 1000 953.4 95 70 - 130 20 Diesel Range Organics (Over mq/Kq C10-C28)

Spike

Client: WSP USA Inc.

Job ID: 890-1818-1

SDG: 31403236.020.0129 task 17.02

Project/Site: Poker Lake Unit 25 Brushy Draw

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

Lab Sample ID: LCSD 880-17217/3-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid**

Prep Type: Total/NA Prep Batch: 17217 **Analysis Batch: 17328**

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	102		70 - 130
o-Terphenyl	98		70 - 130

Lab Sample ID: 880-10292-A-1-D MS **Client Sample ID: Matrix Spike**

Matrix: Solid Prep Type: Total/NA

Analysis Batch: 17328 Prep Batch: 17217 MS MS %Rec. Sample Sample Spike

Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits <49.9 U F1 Gasoline Range Organics 997 <49.9 UF1 mg/Kg 0 70 - 130 (GRO)-C6-C10 Diesel Range Organics (Over <49.9 U 997 1008 mg/Kg 99 70 - 130 C10-C28)

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

Lab Sample ID: 880-10292-A-1-E MSD Client Sample ID: Matrix Spike Duplicate **Prep Type: Total/NA**

Matrix: Solid

Analysis Batch: 17328 Prep Batch: 17217

Sample Sample Spike MSD MSD %Rec. **RPD** Result Qualifier Added Result Qualifier Limits RPD Limit Analyte Unit D %Rec <49.9 UF1 Gasoline Range Organics 996 <49.8 UF1 mg/Kg 0 70 - 130 NC 20 (GRO)-C6-C10 Diesel Range Organics (Over 996 1072 <49.9 U mg/Kg 106 70 - 130 6 20

MSD MSD Surrogate %Recovery Qualifier Limits 1-Chlorooctane 66 S1-70 - 130

59 S1o-Terphenyl 70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-16757/1-A Client Sample ID: Method Blank **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 16930

C10-C28)

MB MB Result Qualifier RL Unit Dil Fac Analyte Prepared Analyzed 01/16/22 19:33 Chloride <5.00 U 5.00 mg/Kg

Lab Sample ID: LCS 880-16757/2-A **Client Sample ID: Lab Control Sample Matrix: Solid Prep Type: Soluble**

Analysis Batch: 16930

LCS LCS Spike %Rec. Analyte Added Result Qualifier Unit %Rec Limits Chloride 250 250.8 100 90 - 110 mq/Kq

Lab Sample ID: LCSD 880-16757/3-A

QC Sample Results

Client: WSP USA Inc. Job ID: 890-1818-1 Project/Site: Poker Lake Unit 25 Brushy Draw SDG: 31403236.020.0129 task 17.02

Method: 300.0 - Anions, Ion Chromatography (Continued)

Client Sample ID: Lab Control Sample Dup Prep Type: Soluble

Matrix: Solid

Analysis Batch: 16930

	Spike	LCSD	LCSD				%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	250	255.7		mg/Kg	_	102	90 - 110	2	20

Lab Sample ID: 890-1818-4 MS Client Sample ID: SS02A **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 16930

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	17.5		252	272.6		mg/Kg		101	90 - 110	

Lab Sample ID: 890-1818-4 MSD Client Sample ID: SS02A **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 16930

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	17.5		252	254.9		mg/Kg		94	90 - 110	7	20

Client: WSP USA Inc.

Job ID: 890-1818-1

Project/Site: Poker Lake Unit 25 Brushy Draw

SDG: 31403236.020.0129 task 17.02

GC VOA

Prep Batch: 16730

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-16730/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 16734

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1818-1	SS01	Total/NA	Solid	5035	
890-1818-2	SS01A	Total/NA	Solid	5035	
890-1818-3	SS02	Total/NA	Solid	5035	
890-1818-4	SS02A	Total/NA	Solid	5035	
890-1818-5	SS03	Total/NA	Solid	5035	
890-1818-6	SS03A	Total/NA	Solid	5035	
MB 880-16734/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-16734/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-16734/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1823-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
890-1823-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 16738

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1818-1	SS01	Total/NA	Solid	8021B	16734
890-1818-2	SS01A	Total/NA	Solid	8021B	16734
890-1818-3	SS02	Total/NA	Solid	8021B	16734
890-1818-4	SS02A	Total/NA	Solid	8021B	16734
890-1818-5	SS03	Total/NA	Solid	8021B	16734
890-1818-6	SS03A	Total/NA	Solid	8021B	16734
MB 880-16730/5-A	Method Blank	Total/NA	Solid	8021B	16730
MB 880-16734/5-A	Method Blank	Total/NA	Solid	8021B	16734
LCS 880-16734/1-A	Lab Control Sample	Total/NA	Solid	8021B	16734
LCSD 880-16734/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	16734
890-1823-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	16734
890-1823-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	16734

Analysis Batch: 17056

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1818-1	SS01	Total/NA	Solid	Total BTEX	
890-1818-2	SS01A	Total/NA	Solid	Total BTEX	
890-1818-3	SS02	Total/NA	Solid	Total BTEX	
890-1818-4	SS02A	Total/NA	Solid	Total BTEX	
890-1818-5	SS03	Total/NA	Solid	Total BTEX	
890-1818-6	SS03A	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 16794

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1818-2	SS01A	Total/NA	Solid	8015NM Prep	
890-1818-3	SS02	Total/NA	Solid	8015NM Prep	
890-1818-4	SS02A	Total/NA	Solid	8015NM Prep	
890-1818-5	SS03	Total/NA	Solid	8015NM Prep	
890-1818-6	SS03A	Total/NA	Solid	8015NM Prep	
MB 880-16794/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-16794/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	

Eurofins Carlsbad

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Client: WSP USA Inc. Job ID: 890-1818-1 Project/Site: Poker Lake Unit 25 Brushy Draw SDG: 31403236.020.0129 task 17.02

GC Semi VOA (Continued)

Prep Batch: 16794 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-16794/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1818-1 MS	SS01	Total/NA	Solid	8015NM Prep	
890-1818-1 MSD	SS01	Total/NA	Solid	8015NM Prep	

Analysis Batch: 16940

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1818-2	SS01A	Total/NA	Solid	8015B NM	16794
890-1818-4	SS02A	Total/NA	Solid	8015B NM	16794
890-1818-5	SS03	Total/NA	Solid	8015B NM	16794
890-1818-6	SS03A	Total/NA	Solid	8015B NM	16794
MB 880-16794/1-A	Method Blank	Total/NA	Solid	8015B NM	16794
LCS 880-16794/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	16794
LCSD 880-16794/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	16794
890-1818-1 MS	SS01	Total/NA	Solid	8015B NM	16794
890-1818-1 MSD	SS01	Total/NA	Solid	8015B NM	16794

Analysis Batch: 17055

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1818-1	SS01	Total/NA	Solid	8015 NM	
890-1818-2	SS01A	Total/NA	Solid	8015 NM	
890-1818-3	SS02	Total/NA	Solid	8015 NM	
890-1818-4	SS02A	Total/NA	Solid	8015 NM	
890-1818-5	SS03	Total/NA	Solid	8015 NM	
890-1818-6	SS03A	Total/NA	Solid	8015 NM	

Prep Batch: 17217

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1818-1	SS01	Total/NA	Solid	8015NM Prep	
MB 880-17217/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-17217/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-17217/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-10292-A-1-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-10292-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 17328

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1818-1	SS01	Total/NA	Solid	8015B NM	17217
890-1818-3	SS02	Total/NA	Solid	8015B NM	16794
MB 880-17217/1-A	Method Blank	Total/NA	Solid	8015B NM	17217
LCS 880-17217/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	17217
LCSD 880-17217/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	17217
880-10292-A-1-D MS	Matrix Spike	Total/NA	Solid	8015B NM	17217
880-10292-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	17217

HPLC/IC

Leach Batch: 16757

Lab Sample ID 890-1818-1	Client Sample ID SS01	Prep Type Soluble	Matrix Solid	Method DI Leach	Prep Batch
890-1818-2	SS01A	Soluble	Solid	DI Leach	
890-1818-3	SS02	Soluble	Solid	DI Leach	

Client: WSP USA Inc. Job ID: 890-1818-1 Project/Site: Poker Lake Unit 25 Brushy Draw SDG: 31403236.020.0129 task 17.02

HPLC/IC (Continued)

Leach Batch: 16757 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1818-4	SS02A	Soluble	Solid	DI Leach	
890-1818-5	SS03	Soluble	Solid	DI Leach	
890-1818-6	SS03A	Soluble	Solid	DI Leach	
MB 880-16757/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-16757/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-16757/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1818-4 MS	SS02A	Soluble	Solid	DI Leach	
890-1818-4 MSD	SS02A	Soluble	Solid	DI Leach	

Analysis Batch: 16930

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1818-1	SS01	Soluble	Solid	300.0	16757
890-1818-2	SS01A	Soluble	Solid	300.0	16757
890-1818-3	SS02	Soluble	Solid	300.0	16757
890-1818-4	SS02A	Soluble	Solid	300.0	16757
890-1818-5	SS03	Soluble	Solid	300.0	16757
890-1818-6	SS03A	Soluble	Solid	300.0	16757
MB 880-16757/1-A	Method Blank	Soluble	Solid	300.0	16757
LCS 880-16757/2-A	Lab Control Sample	Soluble	Solid	300.0	16757
LCSD 880-16757/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	16757
890-1818-4 MS	SS02A	Soluble	Solid	300.0	16757
890-1818-4 MSD	SS02A	Soluble	Solid	300.0	16757

Project/Site: Poker Lake Unit 25 Brushy Draw

SDG: 31403236.020.0129 task 17.02

Client Sample ID: SS01

Client: WSP USA Inc.

Date Collected: 01/11/22 11:50 Date Received: 01/11/22 15:42 Lab Sample ID: 890-1818-1

Matrix: Solid

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			16734	01/13/22 10:00	MR	XEN MID
Total/NA	Analysis	8021B		1	16738	01/14/22 09:00	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	17056	01/17/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	17055	01/17/22 14:06	AJ	XEN MID
Total/NA	Prep	8015NM Prep			17217	01/19/22 08:54	DM	XEN MID
Total/NA	Analysis	8015B NM		1	17328	01/21/22 08:47	AJ	XEN MID
Soluble	Leach	DI Leach			16757	01/13/22 11:52	SC	XEN MID
Soluble	Analysis	300.0		1	16930	01/16/22 22:19	CH	XEN MID

Client Sample ID: SS01A Lab Sample ID: 890-1818-2 Date Collected: 01/11/22 11:58 **Matrix: Solid**

Date Received: 01/11/22 15:42

Batch Batch Dilution Batch **Prepared Prep Type** Method Number or Analyzed Type Run **Factor** Analyst Lab Total/NA Prep 5035 16734 01/13/22 10:00 MR XEN MID Total/NA 8021B XEN MID 16738 01/14/22 09:21 KL Analysis 1 Total/NA Total BTEX 17056 01/17/22 14:41 AJ XEN MID Analysis 1 Total/NA 8015 NM 17055 01/17/22 14:06 AJ XEN MID Analysis 1 Total/NA Prep 8015NM Prep 16794 01/13/22 14:51 DM XEN MID Total/NA 8015B NM 16940 01/15/22 14:13 AJ XEN MID Analysis 1 Soluble 16757 01/13/22 11:52 SC XEN MID Leach DI Leach Soluble 300.0 16930 01/16/22 22:31 CH XEN MID Analysis 1

Client Sample ID: SS02 Lab Sample ID: 890-1818-3 Date Collected: 01/11/22 12:06 **Matrix: Solid**

Date Received: 01/11/22 15:42

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			16734	01/13/22 10:00	MR	XEN MID
Total/NA	Analysis	8021B		1	16738	01/14/22 09:41	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	17056	01/17/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	17055	01/17/22 14:06	AJ	XEN MID
Total/NA	Prep	8015NM Prep			16794	01/13/22 14:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1	17328	01/21/22 09:08	AJ	XEN MID
Soluble	Leach	DI Leach			16757	01/13/22 11:52	SC	XEN MID
Soluble	Analysis	300.0		1	16930	01/16/22 22:43	CH	XEN MID

Client Sample ID: SS02A Lab Sample ID: 890-1818-4 Date Collected: 01/11/22 12:58 Matrix: Solid

Date Received: 01/11/22 15:42

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			16734	01/13/22 10:00	MR	XEN MID
Total/NA	Analysis	8021B		1	16738	01/14/22 10:01	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	17056	01/17/22 14:41	AJ	XEN MID

Project/Site: Poker Lake Unit 25 Brushy Draw

Job ID: 890-1818-1

SDG: 31403236.020.0129 task 17.02

Client Sample ID: SS02A

Date Received: 01/11/22 15:42

Client: WSP USA Inc.

Lab Sample ID: 890-1818-4 Date Collected: 01/11/22 12:58

Matrix: Solid

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1	17055	01/17/22 14:06	AJ	XEN MID
Total/NA	Prep	8015NM Prep			16794	01/13/22 14:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1	16940	01/15/22 14:53	AJ	XEN MID
Soluble	Leach	DI Leach			16757	01/13/22 11:52	SC	XEN MID
Soluble	Analysis	300.0		1	16930	01/16/22 22:55	CH	XEN MID

Client Sample ID: SS03 **Lab Sample ID: 890-1818-5**

Date Collected: 01/11/22 13:00 **Matrix: Solid** Date Received: 01/11/22 15:42

Batch Dilution Batch Batch Prepared **Prep Type** Method Number Type Run **Factor** or Analyzed Analyst Lab Total/NA Prep 5035 XEN MID 16734 01/13/22 10:00 MR Total/NA Analysis 8021B 1 16738 01/14/22 10:22 KL XEN MID Total/NA Total BTEX Analysis 1 17056 01/17/22 14:41 AJ XEN MID Total/NA 8015 NM 17055 01/17/22 14:06 AJ XEN MID Analysis 1 Total/NA Prep 8015NM Prep 16794 01/13/22 14:51 DM XEN MID Total/NA 8015B NM 16940 01/15/22 15:12 AJ XEN MID Analysis 1 16757 01/13/22 11:52 SC XEN MID Soluble Leach DI Leach 300.0 16930 01/16/22 23:30 CH XEN MID Soluble Analysis 1

Client Sample ID: SS03A Lab Sample ID: 890-1818-6

Date Collected: 01/11/22 13:02 Date Received: 01/11/22 15:42

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			16734	01/13/22 10:00	MR	XEN MID
Total/NA	Analysis	8021B		1	16738	01/14/22 11:25	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	17056	01/17/22 14:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	17055	01/17/22 14:06	AJ	XEN MID
Total/NA	Prep	8015NM Prep			16794	01/13/22 14:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1	16940	01/15/22 15:32	AJ	XEN MID
Soluble	Leach	DI Leach			16757	01/13/22 11:52	SC	XEN MID
Soluble	Analysis	300.0		1	16930	01/16/22 23:42	СН	XEN MID

Laboratory References:

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

Matrix: Solid

Accreditation/Certification Summary

Client: WSP USA Inc. Job ID: 890-1818-1 Project/Site: Poker Lake Unit 25 Brushy Draw

SDG: 31403236.020.0129 task 17.02

Laboratory: Eurofins Midland

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

Authority	Pro	ogram	Identification Number	Expiration Date
Texas	NE	LAP	T104704400-21-22	06-30-22
the agency does not	•	it, but the laboratory is i	not certified by the governing authority.	This list may molded at
0 ,		Matrix	Analyte	
Analysis Method 8015 NM	Prep Method	Matrix Solid	Analyte Total TPH	

Method Summary

Client: WSP USA Inc.

Project/Site: Poker Lake Unit 25 Brushy Draw

Job ID: 890-1818-1

SDG: 31403236.020.0129 task 17.02

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

Sample Summary

Client: WSP USA Inc.

Project/Site: Poker Lake Unit 25 Brushy Draw

Job ID: 890-1818-1

SDG: 31403236.020.0129 task 17.02

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-1818-1	SS01	Solid	01/11/22 11:50	01/11/22 15:42	0.5
890-1818-2	SS01A	Solid	01/11/22 11:58	01/11/22 15:42	1
890-1818-3	SS02	Solid	01/11/22 12:06	01/11/22 15:42	0.5
890-1818-4	SS02A	Solid	01/11/22 12:58	01/11/22 15:42	1
890-1818-5	SS03	Solid	01/11/22 13:00	01/11/22 15:42	0.5
890-1818-6	SS03A	Solid	01/11/22 13:02	01/11/22 15:42	1

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Company Name: Project Manager:

WSP USA

Tacoma Morrissey

Address:

3300 North A Street

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Chain of Custody

Work Order No:

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

Hobbs,NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta,GA (770-449-8800) Tampa,FL (813-620-2000)

Bill to: (if different) Company Name: Address:

Adrian Baker

3104 E Green Street

[]uperfund

www.xenco.com

Work Order Comments

State of Project:

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

Revised Date 051418 Rev. 2018 1			6							
			W?	2 2	11/2		N			
Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Relinqui	Time	Date/Time	H	ignature)	Received by: (Signature	Relinquished by: (Signature)	Sign
	erms and conditions es beyond the control sely negotiated.	totice: 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.	s affiliates and subceed by the client if suranalyzed. These term	to Xenco, its uses incurre to, but not a	company t is or expen led to Xenc	om client any losse le submitt	alid purchase order fr any responsibility for e of \$5 for each sampl	amples constitutes a v and shall not assume ch project and a charg	t and relinquishment of sa y for the cost of samples 5.00 will be applied to eac	umen e of \$
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lab, if received by 4:30pm			ie (El	_	PA 8	er of	ainers:	Total Containers:	Yes No N/	
TAT starts the day recevied by the	-	-	ra 3		015)	1	Factor: 10.2	Correction Factor:	Yes No ANA	
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Work Order Notes		ANALYSIS REQUEST	An				Turn Around	าy Draw	Poker Lake Unit 25 Brushy Draw	Sker
Ctner:	Deliverables: EDD L ADaPi L		3en.Hefill@wsp	bil.com,E	xxonmot	ıker@e)	Email: Adrian.Baker@exxonmobil.com,Ben.Helill@wsp.com		1 337-257-8307	337
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Login Sample Receipt Checklist

Client: WSP USA Inc. Job Number: 890-1818-1

SDG Number: 31403236.020.0129 task 17.02

Login Number: 1818 List Source: Eurofins Carlsbad

List Number: 1 Creator: Clifton, Cloe

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

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<6mm (1/4").

Login Sample Receipt Checklist

Client: WSP USA Inc. Job Number: 890-1818-1

SDG Number: 31403236.020.0129 task 17.02

Login Number: 1818 **List Source: Eurofins Midland** List Creation: 01/13/22 11:26 AM List Number: 2

Creator: Rodriguez, Leticia

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

<6mm (1/4").



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 890-1915-1

Laboratory SDG: 31403236.020.0129 task 17.02 Client Project/Site: Poker Lake Unit 25 Brushy Draw

For:

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

Attn: Tacoma Morrissey

JURAMER

Authorized for release by: 2/16/2022 3:47:09 PM

Jessica Kramer, Project Manager (432)704-5440

jessica.kramer@eurofinset.com

.....Links

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Released to Imaging: 3/10/2022 3:30:30 PM

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

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

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Client: WSP USA Inc. Project/Site: Poker Lake Unit 25 Brushy Draw Laboratory Job ID: 890-1915-1 SDG: 31403236.020.0129 task 17.02

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Definitions/Glossary

Client: WSP USA Inc. Job ID: 890-1915-1 Project/Site: Poker Lake Unit 25 Brushy Draw

SDG: 31403236.020.0129 task 17.02

Qualifiers

GC	VOA
Qual	ifier

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

Qualifier Description

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
U	Indicates the analyte was analyzed for but not detected.

Glossary

LOD

LOQ

MCL

MDA

C.CCCu.,	
Abbreviation	These commonly used abbreviations may or may not be present in this report.
n	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)

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

NC Not Calculated

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

Limit of Detection (DoD/DOE)

Limit of Quantitation (DoD/DOE)

EPA recommended "Maximum Contaminant Level"

Minimum Detectable Activity (Radiochemistry)

NEG Negative / Absent Positive / Present POS **Practical Quantitation Limit** PQL

PRES Presumptive **Quality Control** QC

RER Relative Error Ratio (Radiochemistry)

RL Reporting Limit or Requested Limit (Radiochemistry)

RPD Relative Percent Difference, a measure of the relative difference between two points

TEF Toxicity Equivalent Factor (Dioxin) **TEQ** Toxicity Equivalent Quotient (Dioxin)

TNTC Too Numerous To Count

Case Narrative

Client: WSP USA Inc. Project/Site: Poker Lake Unit 25 Brushy Draw

Job ID: 890-1915-1

SDG: 31403236.020.0129 task 17.02

Job ID: 890-1915-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative 890-1915-1

Receipt

The sample was received on 2/7/2022 3:51 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 21.6°C

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-18887 and analytical batch 880-18897 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (890-1915-A-1-D MSD). Evidence of matrix interferences is not obvious.

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

HPLC/IC

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

Matrix: Solid

Lab Sample ID: 890-1915-1

Client Sample Results

Client: WSP USA Inc.

Job ID: 890-1915-1

Project/Site: Poker Lake Unit 25 Brushy Draw

SDG: 31403236 020 0129 task 17 02

Project/Site: Poker Lake Unit 25 Brushy Draw SDG: 31403236.020.0129 task 17.02

Client Sample ID: SS04
Date Collected: 02/07/22 09:00

Date Received: 02/07/22 15:51 Sample Depth: 0.25

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00202	U	0.00202	mg/Kg		02/09/22 08:46	02/10/22 06:16	
Toluene	<0.00202	U	0.00202	mg/Kg		02/09/22 08:46	02/10/22 06:16	
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		02/09/22 08:46	02/10/22 06:16	
m-Xylene & p-Xylene	<0.00403	U	0.00403	mg/Kg		02/09/22 08:46	02/10/22 06:16	
o-Xylene	<0.00202	U	0.00202	mg/Kg		02/09/22 08:46	02/10/22 06:16	•
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		02/09/22 08:46	02/10/22 06:16	,
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130			02/09/22 08:46	02/10/22 06:16	1
1,4-Difluorobenzene (Surr)	100		70 - 130			02/09/22 08:46	02/10/22 06:16	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			02/11/22 13:37	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)						
Analyte	•	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	93.3		50.0	mg/Kg			02/10/22 09:32	1
Method: 8015B NM - Diesel Rang	ge 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		02/09/22 14:52	02/09/22 21:42	1
Diesel Range Organics (Over C10-C28)	93.3		50.0	mg/Kg		02/09/22 14:52	02/09/22 21:42	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		02/09/22 14:52	02/09/22 21:42	,
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130			02/09/22 14:52	02/09/22 21:42	1
. T	81		70 - 130			02/09/22 14:52	02/09/22 21:42	1
o-Terphenyl								
o- <i>terpnenyi</i> : Method: 300.0 - Anions, Ion Chro		Soluble						

4.96

mg/Kg

19.6

Eurofins Carlsbad

02/16/22 04:35

Chloride

Surrogate Summary

Client: WSP USA Inc. Job ID: 890-1915-1 Project/Site: Poker Lake Unit 25 Brushy Draw

SDG: 31403236.020.0129 task 17.02

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-11024-A-1-I MS	Matrix Spike	50 S1-	41 S1-
880-11024-A-1-J MSD	Matrix Spike Duplicate	110	85
890-1915-1	SS04	125	100
LCS 880-18887/1-A	Lab Control Sample	126	94
LCSD 880-18887/2-A	Lab Control Sample Dup	124	94
MB 880-18884/5-A	Method Blank	120	105
MB 880-18887/5-A	Method Blank	120	96

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limi
		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
890-1915-1	SS04	83	81	
890-1915-1 MS	SS04	74	71	
890-1915-1 MSD	SS04	73	68 S1-	

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

OTPH = o-Terphenyl

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

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		1CO2	OTPH2	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
LCS 880-18934/2-A	Lab Control Sample	99	95	
LCSD 880-18934/3-A	Lab Control Sample Dup	100	106	
MB 880-18934/1-A	Method Blank	86	87	
Surrogate Legend				
1CO = 1-Chlorooctane				

Client: WSP USA Inc. Job ID: 890-1915-1 Project/Site: Poker Lake Unit 25 Brushy Draw SDG: 31403236.020.0129 task 17.02

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-18884/5-A

Matrix: Solid

Analysis Batch: 18897

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 18884

	MB	МВ						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/09/22 08:40	02/09/22 13:18	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/09/22 08:40	02/09/22 13:18	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/09/22 08:40	02/09/22 13:18	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		02/09/22 08:40	02/09/22 13:18	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/09/22 08:40	02/09/22 13:18	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		02/09/22 08:40	02/09/22 13:18	1

MB MB

Surrogate	%Recovery	Qualifier Li	mits	Prepared	Analyzed
4-Bromofluorobenzene (Surr)	120	70	0 - 130	02/09/22 08:40	02/09/22 13:18
1.4-Difluorobenzene (Surr)	105	70) ₋ 130	02/09/22 08:40	02/09/22 13:18

Client Sample ID: Method Blank

Prep Type: Total/NA Prep Batch: 18887

Dil Fac

Matrix: Solid

Analysis Batch: 18897

Lab Sample ID: MB 880-18887/5-A

	IVID	IVID						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/09/22 08:46	02/10/22 00:53	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/09/22 08:46	02/10/22 00:53	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/09/22 08:46	02/10/22 00:53	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		02/09/22 08:46	02/10/22 00:53	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/09/22 08:46	02/10/22 00:53	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		02/09/22 08:46	02/10/22 00:53	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	02/09/22 08:46	02/10/22 00:53	1
1,4-Difluorobenzene (Surr)	96		70 - 130	02/09/22 08:46	02/10/22 00:53	1

Lab Sample ID: LCS 880-18887/1-A

Matrix: Solid

Analysis Batch: 18897

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA Prep Batch: 18887

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.09015		mg/Kg		90	70 - 130	
Toluene	0.100	0.09559		mg/Kg		96	70 - 130	
Ethylbenzene	0.100	0.09884		mg/Kg		99	70 - 130	
m-Xylene & p-Xylene	0.200	0.1881		mg/Kg		94	70 - 130	
o-Xylene	0.100	0.09545		mg/Kg		95	70 - 130	

LCS LCS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	126	70 _ 130
1.4-Difluorobenzene (Surr)	94	70 - 130

Lab Sample ID: LCSD 880-18887/2-A

M

Matrix: Solid							Prep 1	Type: To	tal/NA
Analysis Batch: 18897	Prep	Prep Batch: 18887							
	Spike	LCSD	LCSD				%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.09027		mg/Kg		90	70 - 130	0	35

Eurofins Carlsbad

Page 7 of 20

Client: WSP USA Inc. Job ID: 890-1915-1 Project/Site: Poker Lake Unit 25 Brushy Draw

SDG: 31403236.020.0129 task 17.02

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

124

94

Lab Sample ID: LCSD 880-18887/2-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid** Prep Type: Total/NA Analysis Batch: 18897 Prep Batch: 18887 Spike LCSD LCSD %Rec. **RPD** Analyte Added Result Qualifier Unit %Rec Limits **RPD** Limit D Toluene 0.100 0.1005 70 - 130 35 ma/Ka 101 5 Ethylbenzene 0.100 0.09927 mg/Kg 99 70 - 130 0 35 0.200 m-Xylene & p-Xylene 0.1905 mg/Kg 95 70 - 130 35 o-Xylene 0.100 0.09450 mg/Kg 95 70 - 130 35 LCSD LCSD Qualifier Limits Surrogate %Recovery

Lab Sample ID: 880-11024-A-1-I MS Client Sample ID: Matrix Spike Prep Type: Total/NA

70 - 130

70 - 130

Matrix: Solid

Analysis Batch: 18897

4-Bromofluorobenzene (Surr)

1,4-Difluorobenzene (Surr)

-	Sample	Sample	Spike	MS	MS				%Rec.
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Benzene	<0.00199	U F2 F1	0.0990	0.03933	F1	mg/Kg		40	70 - 130
Toluene	<0.00199	U F2 F1	0.0990	0.009521	F1	mg/Kg		10	70 - 130
Ethylbenzene	<0.00199	U F2 F1	0.0990	0.04334	F1	mg/Kg		44	70 - 130
m-Xylene & p-Xylene	<0.00398	U F2 F1	0.198	0.09630	F1	mg/Kg		49	70 - 130
o-Xylene	< 0.00199	U F2 F1	0.0990	0.02899	F1	mg/Kg		29	70 - 130

MS MS Qualifier Surrogate %Recovery Limits 70 - 130 S1-4-Bromofluorobenzene (Surr) 50 70 - 130 1,4-Difluorobenzene (Surr) 41 S1-

Lab Sample ID: 880-11024-A-1-J MSD

Matrix: Solid

Analysis Batch: 18897

Client Sample	ID:	Matrix	Spike	Duplicate
---------------	-----	--------	-------	------------------

Prep Type: Total/NA Prep Batch: 18887

Prep Batch: 18887

Sample Sample Spike MSD MSD RPD %Rec. Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits RPD Limit Benzene <0.00199 U F2 F1 0.0998 0.06677 F2 F1 mg/Kg 67 70 - 130 52 35 Toluene <0.00199 U F2 F1 0.0998 0.07602 F2 mg/Kg 76 70 - 130 155 35 Ethylbenzene < 0.00199 U F2 F1 0.0998 0.07943 F2 mg/Kg 80 70 - 130 59 35 75 <0.00398 U F2 F1 0.200 0.1488 F2 70 - 130 m-Xylene & p-Xylene mg/Kg 43 35 0.0998 0.08039 F2 o-Xylene <0.00199 U F2 F1 mg/Kg 70 - 130 94 35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	85		70 - 130

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

Lab Sample ID: MB 880-18934/1-A Client Sample ID: Method Blank **Matrix: Solid** Prep Type: Total/NA Analysis Batch: 18891 Prep Batch: 18934

мв мв Analyte Result Qualifier RL Unit Prepared Dil Fac <50.0 U 50.0 mg/Kg 02/09/22 14:52 02/09/22 20:38 Gasoline Range Organics (GRO)-C6-C10

Client: WSP USA Inc. Job ID: 890-1915-1 Project/Site: Poker Lake Unit 25 Brushy Draw

SDG: 31403236.020.0129 task 17.02

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

Lab Sample ID: MB 880-18934/1-A Client Sample ID: Method Blank **Matrix: Solid** Prep Type: Total/NA Prep Batch: 18934 Analysis Batch: 18891 MB MB

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		02/09/22 14:52	02/09/22 20:38	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		02/09/22 14:52	02/09/22 20:38	1
	МВ	MB						
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130			02/09/22 14:52	02/09/22 20:38	1
o-Ternhenyl	87		70 130			02/00/22 14:52	02/00/22 20:38	1

Lab Sample ID: LCS 880-18934/2-A Client Sample ID: Lab Control Sample **Matrix: Solid** Prep Type: Total/NA Analysis Batch: 18891 Prep Batch: 18934 LCS LCS Spike Analyte Added Result Qualifier Unit %Rec Limits Gasoline Range Organics 1000 1072 107 70 - 130 mg/Kg (GRO)-C6-C10 1000 1015 Diesel Range Organics (Over mg/Kg 101 70 - 130 C10-C28) LCS LCS Qualifier Limits Surrogate %Recovery 1-Chlorooctane 70 - 130 99 o-Terphenyl 95 70 - 130

Lab Sample ID: LCSD 880-18934/3-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid** Prep Type: Total/NA Analysis Batch: 18891 Prep Batch: 18934

	Spike	LCSD	LCSD				%Rec.		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics	1000	1054		mg/Kg		105	70 - 130	2	20	
(GRO)-C6-C10										
Diesel Range Organics (Over	1000	1020		mg/Kg		102	70 - 130	1	20	
C10-C28)										

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	100		70 - 130
o-Terphenyl	106		70 - 130

Lab Sample ID: 890-1915-1 MS **Client Sample ID: SS04 Matrix: Solid** Prep Type: Total/NA Analysis Batch: 18891 Prep Batch: 18934 Sample Sample Spike MS MS %Rec. Analyte Result Qualifier Added Result Qualifier %Rec Limits

Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	852.3	mg/Kg	82	70 - 130	
Diesel Range Organics (Over C10-C28)	93.3		1000	950.0	mg/Kg	86	70 - 130	
	MS	MS						
Surrogate	%Recovery	Qualifier	Limits					
1-Chlorooctane	74		70 - 130					
o-Terphenyl	71		70 - 130					

Client: WSP USA Inc. Job ID: 890-1915-1 Project/Site: Poker Lake Unit 25 Brushy Draw SDG: 31403236.020.0129 task 17.02

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

Lab Sample ID: 890-1915-1 MSD Client Sample ID: SS04 **Matrix: Solid** Prep Type: Total/NA Analysis Batch: 18891 Prep Batch: 18934

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	<50.0	U	998	843.4		mg/Kg		81	70 - 130	1	20
(GRO)-C6-C10											
Diesel Range Organics (Over	93.3		998	933.9		mg/Kg		84	70 - 130	2	20
C10-C28)											

MSD MSD %Recovery Qualifier Limits Surrogate 1-Chlorooctane 70 - 130 73 o-Terphenyl 68 S1-70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-19069/1-A Client Sample ID: Method Blank **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 19488

мв мв

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			02/16/22 02:07	1

Lab Sample ID: LCS 880-19069/2-A **Client Sample ID: Lab Control Sample Matrix: Solid Prep Type: Soluble**

Analysis Batch: 19488

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	250	260.0		mg/Kg		104	90 - 110	

Lab Sample ID: LCSD 880-19069/3-A Client Sample ID: Lab Control Sample Dup **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 19488

	Spike	LCSD	LCSD				%Rec.		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Chloride	250	240.1		mg/Kg		96	90 - 110	8	20	

Lab Sample ID: 890-1914-A-5-D MS Client Sample ID: Matrix Spike **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 19488

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	90.2		250	341 3		ma/Ka	_	101	90 110	

Lab Sample ID: 890-1914-A-5-E MSD Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Analysis Batch: 19488

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	90.2		250	348.6		mg/Kg		104	90 - 110	2	20

Eurofins Carlsbad

Prep Type: Soluble

Client: WSP USA Inc.

Job ID: 890-1915-1

Project/Site: Poker Lake Unit 25 Brushy Draw

SDG: 31403236.020.0129 task 17.02

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GC VOA

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-18884/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 18887

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1915-1	SS04	Total/NA	Solid	5035	
MB 880-18887/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-18887/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-18887/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-11024-A-1-I MS	Matrix Spike	Total/NA	Solid	5035	
880-11024-A-1-J MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

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Analysis Batch: 18897

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1915-1	SS04	Total/NA	Solid	8021B	18887
MB 880-18884/5-A	Method Blank	Total/NA	Solid	8021B	18884
MB 880-18887/5-A	Method Blank	Total/NA	Solid	8021B	18887
LCS 880-18887/1-A	Lab Control Sample	Total/NA	Solid	8021B	18887
LCSD 880-18887/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	18887
880-11024-A-1-I MS	Matrix Spike	Total/NA	Solid	8021B	18887
880-11024-A-1-J MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	18887

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Analysis Batch: 19173

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1915-1	SS04	Total/NA	Solid	Total BTEX	

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GC Semi VOA

Analysis Batch: 18891

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1915-1	SS04	Total/NA	Solid	8015B NM	18934
MB 880-18934/1-A	Method Blank	Total/NA	Solid	8015B NM	18934
LCS 880-18934/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	18934
LCSD 880-18934/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	18934
890-1915-1 MS	SS04	Total/NA	Solid	8015B NM	18934
890-1915-1 MSD	SS04	Total/NA	Solid	8015B NM	18934

Prep Batch: 18934

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1915-1	SS04	Total/NA	Solid	8015NM Prep	
MB 880-18934/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-18934/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-18934/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1915-1 MS	SS04	Total/NA	Solid	8015NM Prep	
890-1915-1 MSD	SS04	Total/NA	Solid	8015NM Prep	

Analysis Batch: 19008

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1915-1	SS04	Total/NA	Solid	8015 NM	

Client: WSP USA Inc.

Job ID: 890-1915-1

Project/Site: Poker Lake Unit 25 Brushy Draw

SDG: 31403236.020.0129 task 17.02

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HPLC/IC

Leach Batch: 19069

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1915-1	SS04	Soluble	Solid	DI Leach	
MB 880-19069/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-19069/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-19069/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1914-A-5-D MS	Matrix Spike	Soluble	Solid	DI Leach	
890-1914-A-5-E MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 19488

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1915-1	SS04	Soluble	Solid	300.0	19069
MB 880-19069/1-A	Method Blank	Soluble	Solid	300.0	19069
LCS 880-19069/2-A	Lab Control Sample	Soluble	Solid	300.0	19069
LCSD 880-19069/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	19069
890-1914-A-5-D MS	Matrix Spike	Soluble	Solid	300.0	19069
890-1914-A-5-E MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	19069

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Lab Chronicle

Client: WSP USA Inc. Job ID: 890-1915-1 Project/Site: Poker Lake Unit 25 Brushy Draw SDG: 31403236.020.0129 task 17.02

Lab Sample ID: 890-1915-1

Client Sample ID: SS04 Date Collected: 02/07/22 09:00 Date Received: 02/07/22 15:51

Matrix: Solid

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			18887	02/09/22 08:46	KL	XEN MID
Total/NA	Analysis	8021B		1	18897	02/10/22 06:16	KL	XEN MID
Total/NA	Analysis	Total BTEX		1	19173	02/11/22 13:37	AJ	XEN MID
Total/NA	Analysis	8015 NM		1	19008	02/10/22 09:32	AJ	XEN MID
Total/NA	Prep	8015NM Prep			18934	02/09/22 14:52	DM	XEN MID
Total/NA	Analysis	8015B NM		1	18891	02/09/22 21:42	AJ	XEN MID
Soluble	Leach	DI Leach			19069	02/10/22 15:46	CH	XEN MID
Soluble	Analysis	300.0		1	19488	02/16/22 04:35	CH	XEN MID

Laboratory References:

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

Eurofins Carlsbad

Released to Imaging: 3/10/2022 3:30:30 PM

Accreditation/Certification Summary

Client: WSP USA Inc. Job ID: 890-1915-1 Project/Site: Poker Lake Unit 25 Brushy Draw

SDG: 31403236.020.0129 task 17.02

Laboratory: Eurofins Midland

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

Authority	_ :		Identification Number	Expiration Date
Texas			T104704400-21-22	06-30-22
,	' '	it the laboratory is not certifi	ed by the governing authority. This list ma	ay include analytes for
the agency does not of	fer certification.			
the agency does not of Analysis Method	fer certification. Prep Method	Matrix	Analyte	
9 ,		Matrix Solid	Analyte Total TPH	

Method Summary

Client: WSP USA Inc.

Project/Site: Poker Lake Unit 25 Brushy Draw

Job ID: 890-1915-1

SDG: 31403236.020.0129 task 17.02

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
DI 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: Poker Lake Unit 25 Brushy Draw

Job ID: 890-1915-1

SDG: 31403236.020.0129 task 17.02

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-1915-1	SS04	Solid	02/07/22 09:00	02/07/22 15:51	0.25

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ompany Name:	roject Manager:	X
WSP USA	Tacoma Morrissey	XENCO

Company Name:

City, State ZIP:

P.O. Number: Project Number: Project Name:

Poker Lake Unit 25 Brushy Draw

31403236.020.0129 Task 17.02

Rush:

Routine

Turn Around

ANALYSIS REQUEST

Reporting:Level II | __evel III

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RP L[vel IV

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ADaPT

API #: 30-15-46232 Cost Center: 2191851001 Work Order Notes Deliverables: EDD

337-257-8307

Email: tacoma.morrissey@wsp.com

City, State ZIP:

Midland, Texas 79705

3300 North A Street Building 1, unit 222

Chain of Custody

Project:	State of Project:		3401 E Green St	Address:	CCC tions
Program: UST/PST ☐RP ☐rownfields ☐RC	Program: U		XTO Energy, INC.	Company Name: XTO Energy, INC	
Work Order Comments			Adrian Baker	Bill to: (if different) Adrian Baker	
www.xenco.com ⁻ age	520-2000)	Midland,TX (432-704-5440) EL Paso,TX (915)585-3443 Lubbock,TX (806)794-1296 Hobbs,NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta,GA (770-449-8800) Tampa,FL (813-620-2000)	L Paso,TX (915)585-34 0-355-0900) Atlanta,G/	1,TX (432-704-5440) E 7550) Phoenix,AZ (48)	Midland Hobbs,NM (575-392-
		Houston,TX (281) 240-4200 Dallas,TX (214) 902-0300 San Antonio,TX (210) 509-3334	llas,TX (214) 902-0300	TX (281) 240-4200 Da	Houston,
Work Order No:		Istody	Chain of Custody	C	

Ch	ω		of s		T		Т	Т	T			Sa	8	Re	T _e	S	000
	phennar	Relinquished by: (Signature)	Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors 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 a 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	Total 200.7 / 6010 200.8 / 6020: Circle Method(s) and Metal(s) to be analyzed						SS04	Sample Identification	Sample Custody Seals: Yes	Cooler Custody Seals: Yes No	Received Intact:	Temperature (°C):	SAMPLE RECEIPT T	Sampler's Name: Payton Benner
	(804 (Received	nquishment of samples consi cost of samples and shall no be applied to each project an							S 02/08/22	Matrix Sampled	No NIA TO	N/A	s No	1/21.4	Temp Blank: Yes No	er
	- Com	Received by: (Signature)	titutes a valid purchase or t assume any responsibili nd a charge of \$5 for each	8RCRA 13PPM Texas 11 Al Sb TCLP / SPLP 6010: 8RCRA Sb						9:00	Time De	Total Containers:	Correction Factor:	FOO MAN	Thermometer ID	Wet ice: Kes	Due Date:
	ب ب		rder from client con ity for any losses of sample submitted	exas 11 Al S						0.25 1	Depth Number	er of	h	ntai	ners	No No	
	9.7.32 1661	Date/Time	npany to Xenco, its a r expenses incurred to Xenco, but not and	Sb As Ba Be Sb As Ba Be						×	TPH (E BTEX (Chlorid	EPA	8=0	021)		4	_
6	N 4	Relinquished by: (Signature)	Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client it 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.	As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo N As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U											890-1915 Chain of Custody		
		Received by: (Signature)	ns and conditions beyond the control ly negotiated.	K Se Ag SiO2							Se	iab	TAT sta		stody		
		Date/Time		Na Sr II Sn U V Zn 1631/245.1/7470/7471: Hg						Discrete	Sample Comments	lab, if received by 4:30pm	TAT starts the day recevied by the				

Revised Date 051418 Rev 2018 1

Eurofins Carlsbad 1089 N Canal St. Carlsbad NM 88220 Phone. 575-988-3199 Fax. 575-988-3199

Chain of Custody Record

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Environment Testing America

Slient Information (Sub Contract Lab)	Sampler			Lab PM Krame	_{Lab PM} Kramer, Jessica	_			Carrie	Carrier Tracking No(s)	No(s)			COC No 890-615 1	
	Phone:			E-Mail	E-Mail	Pourofine	4 COM		State	State of Origin			- 71	Page:	
ompany :urofins Environment Testing South Centr					Accreditations Required (See note): NELAP - Louisiana, NELAP -	s Required	(See note):	Texas	ŀ					Job#: 890-1915-1	
	Due Date Requested 2/11/2022	т.					Analys	cò I	is Requested	<u>e</u>				Preservation Codes	
	TAT Requested (days):	/s):					\exists					\dashv		A HCL B NaOH C Zn Acetate	M Hexane N - None O AsNaO2
tate Zip: X, 79701					ТРН									D Nitric Acid E NaHSO4	P - Na2O4S Q Na2SO3
hone: 32-704-5440(Tel)	PO#					ie						•••			R - Na2S2O3 S H2SO4
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ample Identification - Client ID (Lab ID)	Sample Date	Time .	G=grab) BT	BT=Tissue, A=Air)	Per	-	-						Tot	Special I	Special Instructions/Note:
		X	Preservation Code:	n Code:	X			alia Mar		N-yes			X		
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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 boratory 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 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.	Festing South Centra ve for analysis/tests/r ral, LLC attention imr	I LLC places the natrix being and natrix being and nediately. If all	ne ownership of alyzed the sample requested accre	method analy oles must be a ditations are	te & accredit shipped back current to da	ation comp to the Euro te, return th	liance upor fins Enviro e signed C	out subcomment Tes	ontract lab ting Soutl stody atte	oratories Central sting to s	This sa LLC labo	mple ship ratory or icance to	ment is other is Eurofi	s forwarded under nstructions will be p ns Environment Te	chain-of-custody If the provided Any changes to sting South Central LLC.
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eliverable Requested I II III IV Other (specify)	Primary Deliverable Rank	ble Rank 2			Special	Special Instructions/QC Requirements	ons/QC F	Requiren	ents						
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Custody Seals Intact: Custody Seal No					Coo	Cooler Temperature(s) °C and Other Remarks.	ature(s) °C	and Other	Remarks	4	0	C/	IN	,	
											,				** 0/100/001

Login Sample Receipt Checklist

Client: WSP USA Inc. Job Number: 890-1915-1

SDG Number: 31403236.020.0129 task 17.02

List Source: Eurofins Carlsbad

Login Number: 1915 List Number: 1 Creator: Clifton, Cloe

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

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Login Sample Receipt Checklist

Client: WSP USA Inc. Job Number: 890-1915-1

SDG Number: 31403236.020.0129 task 17.02

Login Number: 1915
List Source: Eurofins Midland
List Number: 2
List Creation: 02/09/22 11:55 AM

Creator: Kramer, Jessica

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.	True	
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	

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<6mm (1/4").

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 87182

CONDITIONS

Operator:	OGRID:
XTO ENERGY, INC	5380
6401 Holiday Hill Road	Action Number:
Midland, TX 79707	87182
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved. Please apply 19.15.29.13 NMAC when P&A.	3/10/2022