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	nAPP2109532718
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: WPX Energy Permian, LLC.	OGRID: 246289
Contact Name: Lynda Laumbach	Contact Telephone: (575) 725-1647
Contact email: Lynda.Laumbach@wpxenergy.com	Incident # *(assigned by OCD)*
Contact mailing address: 5315 Buena Vista Drive, Carlsbad, NM 88220	

Location of Release Source

Latitude 32.3209 Longitude -104.18777
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Johnson Cass Draw 10-23-27 FEE #401H	Site Type: Production Facility
Date Release Discovered: 03/31/2021 @ 14:30	API# *(if applicable)*: 30-015-45043

Unit Letter	Section	Township	Range	County
H	09	23S	27E	Eddy

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

Nature and Volume of Release

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

☒ Crude Oil	Volume Released (bbls): 55	Volume Recovered (bbls): 54
☐ Produced Water	Volume Released (bbls):	Volume Recovered (bbls):
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release:
Gasket failure on the heater treater fire tube caused 54bbl oil to be released inside the lined secondary containment and ~1bbl to mist onto the pad surface. No standing fluids were observed on the pad. 54bbl was recovered from the containment and returned to production.

$$bbl\ estimate = \frac{saturated\ soil\ volume\ (ft^3)}{4.21(\frac{ft^3}{bbl\ equivalent})} * estimated\ soil\ porosity(\%)$$

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2109532718
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? Release was over 25bbl.

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
Email notification was sent to Mike Bratcher, Christina Venegas, Robert Hamlet, and Chad Hensley on April 1, 2021 at 10:13 AM.

Initial Response

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

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

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Lynda Laumbach Title: Environmental Specialist

Signature: Lynda Laumbach Date: 04/07/2021

email: Lynda.Laumbach@wpxenergy.com Telephone: (575)725-1647

OCD Only

Received by: Ramona Marcus Date: 4/29/2021

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2109532718
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	51-100 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☑ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☑ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☑ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☑ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☑ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☑ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☑ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☑ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☑ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☑ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☑ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☑ No

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

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

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

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

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2109532718
District RP	
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Lynda Laumbach Title: Environmental Professional

Signature: Lynda Laumbach Date: 06/29/2021

email: lynda.laumbach@dvn.com Telephone: 575-725-1647

OCD Only

Received by: _____ Date: _____

Incident ID	nAPP2109532718
District RP	
Facility ID	
Application ID	

Closure

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

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

☑ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☑ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☑ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☑ Description of remediation activities

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

Printed Name: Lynda Laumbach Title: Environmental Professional

Signature: Lynda Laumbach Date: 06/29/2021

email: lynda.laumbach@dvn.com Telephone: 575-725-1647

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

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

May 24, 2021

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

RE : Closure Request
WPX Energy Permian, LLC.
Johnson Cass Draw 10-23-27 FEE #401H
Incident Number nAPP2109532718
Eddy County, New Mexico

To Whom It May Concern:

WSP USA Inc (WSP) on behalf of WPX Energy Permian, LLC. (WPX) presents the following Closure Request detailing soil sampling activities at the Johnson Cass Draw 10-23-27 FEE #401H (Site) located in Unit H, Section 9, Township 23 South, Range 27 East, in Eddy County, New Mexico (Figure 1). The purpose of the soil sampling activities was to assess the presences or absence of impacts to soil following a March 31, 2021 release of crude oil. Based on the results of the soil sampling events, WPX is submitting this Closure Request, describing site assessment and delineation activities that have occurred and requesting no further action (NFA) for Incident Number nAPP2109532718.

RELEASE BACKGROUND

On March 31, 2021, the heater treater fire tube gasket failed and resulted in the release of approximately 55 barrels (bbls) of crude oil into the lined secondary containment and well pad surface. Approximately 1 bbl of crude oil misted west onto the well pad surface. A vacuum truck was immediately dispatched and recovered approximately 54 bbls of crude oil from the lined secondary containment. WPX reported the release to the New Mexico Oil Conservation Division (NMOCD) on a Release Notification and Corrective Action Form C-141 (Form C-141) on April 7, 2021 and was assigned Incident Number nAPP2109532718.

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 between 51 and 100 feet below ground surface (bgs) based on the nearest groundwater well data. The closest permitted groundwater well with depth to groundwater data is New Mexico Office of the State Engineer (NMOSE) well C-00195, located approximately 0.33 miles southwest of the Site. The water well record is provided as Attachment 1. The closest continuously flowing or significant watercourse to the Site is a riverine located approximately 3,091 feet southwest 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 located in a medium-potential karst area. Potential receptors identified during Site Characterization are displayed in 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: 10,000 mg/kg

LINER INSPECTION

On April 6, 2021, WSP personnel visited the Site to visually inspect the lined secondary containment for any signs of holes or tears that would act as a conduit to subsurface soil. WSP verified that there was no visual evidence of a breach in the liner. Photographs taken during the liner inspection are included as an Attachment 2.

DELINEATION SOIL SAMPLING ACTIVITIES

On April 15, 2021, WSP personnel conducted delineation activities to confirm the presence or absence of impacted soils. Using a track mounted backhoe, WSP personnel advanced two potholes (PH01 and PH02) at the Site. Delineation activities were directed by field screening soil samples for volatile aromatic hydrocarbons using a calibrated photoionization detector (PID) and chloride using Hach® chloride QuanTab® test strips. A total of two soil samples were collected from each of the pothole locations: the sample with the highest observed field screening concentrations (approximately 1 foot bgs) and the greatest depth (approximately 2 feet bgs). The delineation soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler initials, method of analysis, and immediately placed on ice. The soil samples were transported at or below 4 degrees Celsius (°C), under strict chain-of-custody (COC) procedures to Eurofins Laboratories (Euorfins) in Carlsbad, New Mexico, for analysis of BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH following EPA Method 8015M/D; and chloride following EPA Method 300.0. Photographs taken during the delineation activities are included as an Attachment 2. The delineation sample locations were mapped utilizing a handheld GPS unit and are presented on Figure 2. Field screening results and observations for the boreholes were recorded on lithologic/soil sampling logs and are presented in Attachment 3.

ANALYTICAL RESULTS

Laboratory analytical results for the delineation soil samples indicated benzene, BTEX, TPH-GRO/TPH-DRO, TPH, and chloride concentrations were compliant with the Closure Criteria in both pothole samples and at both depths (approximately 1-foot and 2 feet bgs). Laboratory analytical results are summarized in Table 1 and the laboratory analytical report is included as Attachment 4.

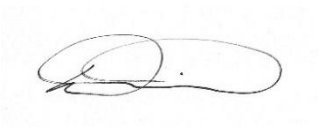
CLOSURE REQUEST

WSP personnel advanced two potholes (PH01 and PH02) within the release extent to a total depth of approximately 2 feet bgs in order to assess the presence or absence of soil impacts resulting from the March 31, 2021 crude oil release. Two delineation soil samples were collected from the pothole at depths of approximately 1-foot and 2 feet bgs. Laboratory analytical results for all four delineation soil samples indicated benzene, BTEX, TPH-GRO/TPH-DRO, TPH, and chloride concentrations were compliant with the Closure Criteria. Additionally, lateral and vertical definition of the release is below the most stringent Closure Criteria. As such, WPX is requesting NFA of Incident Number nAPP2109532718.

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

Sincerely,

WSP USA Inc.



Fatima Smith
Associate Consultant, Geologist

Daniel R. Moir, P.G.
Lead Consultant, Geologist

cc: Lynda Laumbach, Devon
Bureau of Land Management

Attachments:

Figure 1	Site Location Map
Figure 2	Delineation Soil Sample Locations
Table 1	Soil Analytical Results
Attachment 1	Water Well Record
Attachment 2	Photographic Log
Attachment 3	Lithologic/Soil Sampling Log
Attachment 4	Laboratory Analytical Reports

FIGURES

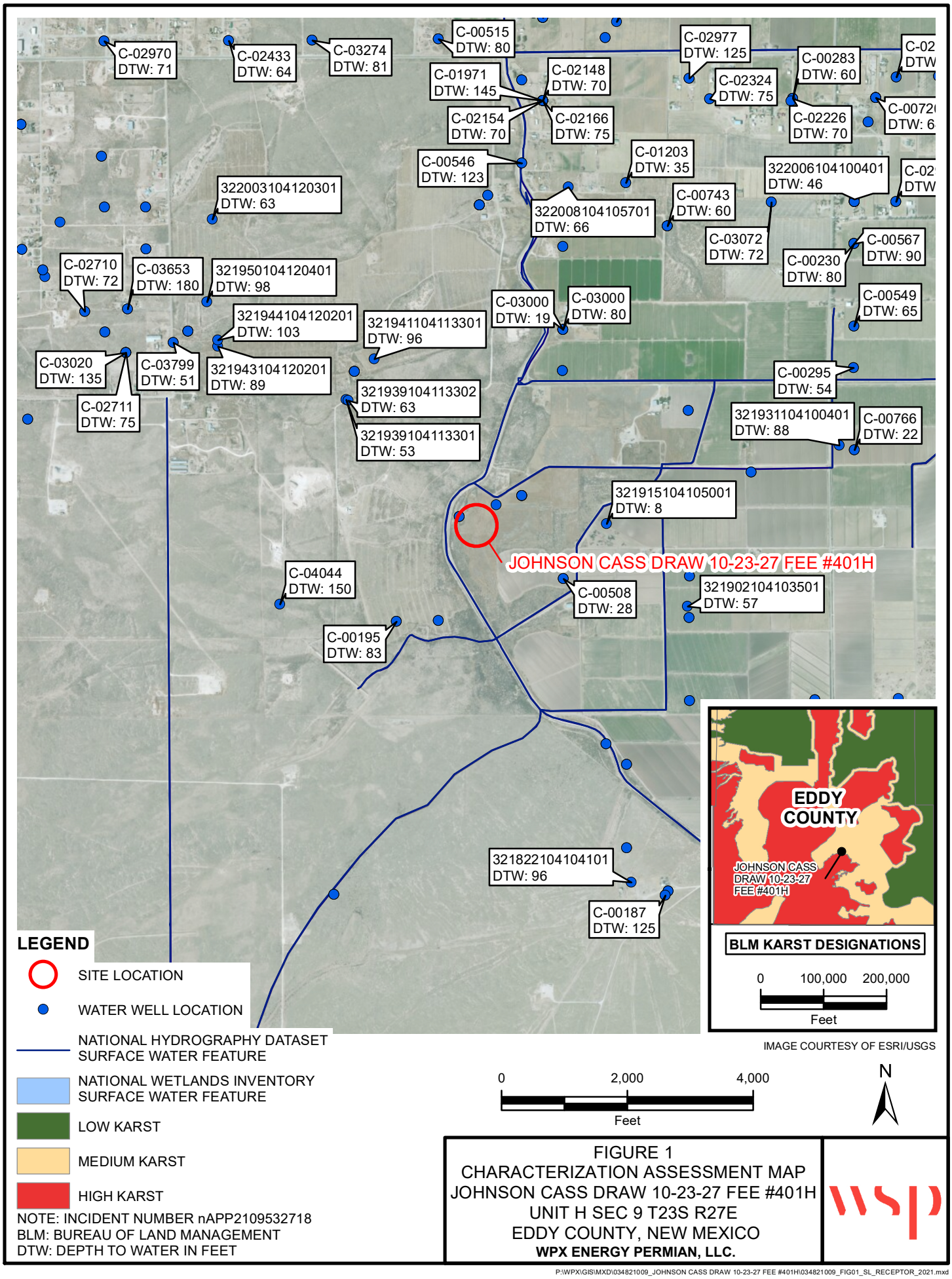


FIGURE 1
CHARACTERIZATION ASSESSMENT MAP
JOHNSON CASS DRAW 10-23-27 FEE #401H
UNIT H SEC 9 T23S R27E
EDDY COUNTY, NEW MEXICO
WPX ENERGY PERMIAN, LLC.

P:\WPX\GIS\MXD\034821009_JOHNSON CASS DRAW 10-23-27 FEE #401H\034821009_FIG01_SL_RECEPTOR_2021.mxd

LEGEND

- RELEASE LOCATION
- DELINEATION SOIL SAMPLE IN COMPLIANCE WITH APPLICABLE CLOSURE CRITERIA
- ELECTRIC LINE
- GAS LINE
- RELEASE EXTENT

NOTE: INCIDENT NUMBER nAPP2109532718
SAMPLE ID@DEPTH BELOW GROUND SURFACE (FEET)

IMAGE COURTESY OF ESRI

0 50 100
Feet

N

FIGURE 2
DELINEATION SOIL SAMPLE LOCATIONS
JOHNSON CASS DRAW 10-23-27 FEE #401H
UNIT H SEC 9 T23S R27E
EDDY COUNTY, NEW MEXICO
WPX ENERGY PERMIAN, LLC.

wsp

P:\WPX\GIS\MXD\034821009_JOHNSON CASS DRAW 10-23-27 FEE #401H\034821009_FIG02_DELINEATION_2021.mxd

TABLES

Table 1

Soil Analytical Results
Johnson Cass Draw 10-23-27 FEE #401H
Incident Number nAPP2109532718
WPX Energy Permian, LLC.
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 Table 1 Closure Criteria (NMAC 19.15.29)			**10**	**50**	NE	NE	NE	**1,000**	**2,500**	**10,000**
Delineation Samples										
PH01	04/15/2021	1	<0.00198	<0.00397	<49.9	<49.9	<49.9	<49.9	<49.9	140
PH01	04/15/2021	2	<0.00202	<0.00404	<50.0	<50.0	<50.0	<50.0	<50.0	95.7
PH02	04/15/2021	1	<0.00200	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	119
PH02	04/15/2021	2	<0.00201	<0.00402	<49.8	<49.8	<49.8	<49.8	<49.8	206

ft - feet/foot
mg/kg - milligrams per kilograms
BTEX - benzene, toluene, ethylbenzene, and total xylenes
TPH - total petroleum hydrocarbons
DRO - diesel range organics
GRO - gasoline range organics
ORO - motor oil range organics
NMOCD - New Mexico Oil Conservation Division
NMAC - New Mexico Administrative Code
< - indicates result is less than the stated laboratory method practical quantitation limit
NE - Not Established
BOLD - indicates results exceed the higher of the background sample result or applicable regulatory standard

ATTACHMENT 1: REFERENCED WELL RECORD

New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Twp	Rng	X	Y
	C 00195	4	1	4	09	23S	27E	576069	3575827*

Driller License: **Driller Company:**

Driller Name: FRANK GENTRY

Drill Start Date:		**Drill Finish Date:**	12/31/1936	**Plug Date:**	
Log File Date:		**PCW Rcv Date:**	10/16/1950	**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	1500 GPM
Casing Size:	10.00	**Depth Well:**	128 feet	**Depth Water:**	83 feet

***UTM location was derived from PLSS - see Help**

ATTACHMENT 2: PHOTOGRAPHIC LOG

PHOTOGRAPHIC LOG		
WPX Energy Permian, LLC.	**Johnson Cass Draw 10-23-27 FEE #401H Eddy County, New Mexico**	**TE034821009**

Photo No.	**Date**
1	April 6, 2021
nAPP2109532718	
View of the lined secondary containment during the inspection.	

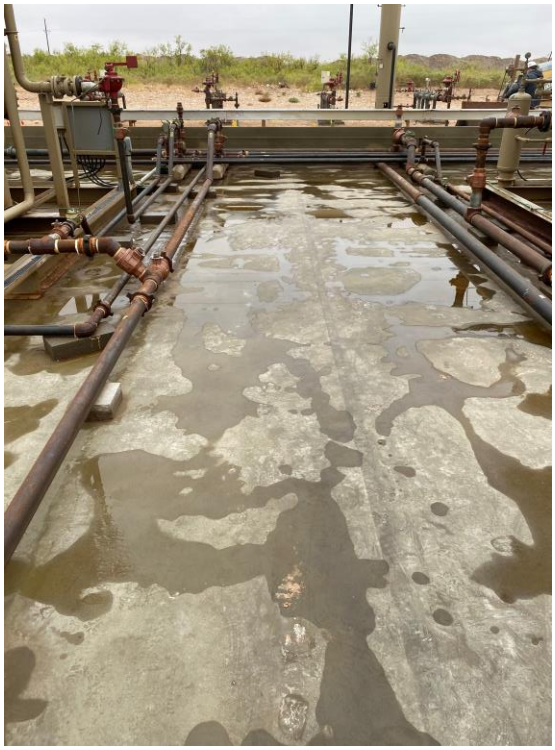


Photo No.	**Date**
2	April 6, 2021
nAPP2109532718	
View of the lined secondary containment during the inspection.	

PHOTOGRAPHIC LOG		
WPX Energy Permian, LLC.	Johnson Cass Draw 10-23-27 FEE #401H Eddy County, New Mexico	TE034821009

Photo No.	Date
3	April 6, 2021

nAPP2109532718

View of the lined secondary containment during the inspection.

Photo No.	Date
4	April 6, 2021

nAPP2109532718

View of the lined secondary containment during the inspection.

PHOTOGRAPHIC LOG		
WPX Energy Permian, LLC.	**Johnson Cass Draw 10-23-27 FEE #401H Eddy County, New Mexico**	**TE034821009**

Photo No.	**Date**
5	April 15, 2021
nAPP2109532718	
View of the Site during delineation activities.	

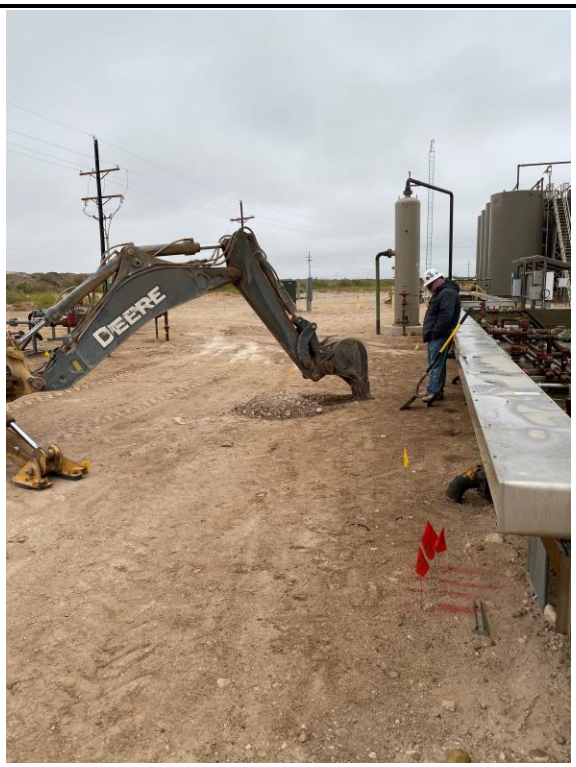


Photo No.	**Date**
6	April 15, 2021
nAPP2109532718	
View of the Site following delineation activities.	

ATTACHMENT 3: LITHOLOGIC/SOIL SAMPLING LOG

WSP USA
508 West Stevens Street
Carlsbad, New Mexico 88220

BH or PH Name: PH01	Date: 04/15/2021
Site Name: Johnson Cass Draw 10-23-27 FEE #401H	
RP or Incident Number: nAPP2109532718	
WSP Job Number: TE034821009	

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: FS	Method: Backhoe		
Lat/Long: 32.320684, -104.188605	Field Screening: Hach chloride strips, PID	Hole Diameter: NA	Total Depth: 2 feet bgs

Comments: All chloride field screenings include a 40% correction factor
M-moist; D-dry; Y-yes; N-no; SAA- same as above

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithology/Remarks
						0	SP	SAND, dry, tan-light brown, poorly graded, fine-very fine grain, some caliche gravel, poorly conosolidated, some dark brown staining, no odor
D	<184	0.2	Y	PH01	1	1	SP	
D	<184	0.0	N	PH01A	2	2	SP	no staining, no odor

TD @ 2 feet bgs

WSP USA
508 West Stevens Street
Carlsbad, New Mexico 88220

BH or PH Name: PH02	Date: 04/15/2021
Site Name: Johnson Cass Draw 10-23-27 FEE #401H	
RP or Incident Number: nAPP2109532718	
WSP Job Number: TE034821009	

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: FS	Method: Backhoe		
Lat/Long: 32.320641, -104.188620	Field Screening: Hach chloride strips, PID	Hole Diameter: NA	Total Depth: 2 feet bgs

Comments: All chloride field screenings include a 40% correction factor
M-moist; D-dry; Y-yes; N-no; SAA- same as above

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithology/Remarks
						0	SP	SAND, dry, tan-light brown, poorly graded, fine-very fine grain, some caliche gravel, poorly conosolidated, some dark brown staining, no odor
D	257	0.0	Y	PH02	1	1	SP	
D	<184	0.0	N	PH02A	2	2	SP	no staining, no odor

TD @ 2 feet bgs

ATTACHMENT 4: LABORATORY ANALYTICAL REPORTS

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 890-525-1
Laboratory Sample Delivery Group: Eddy County
Client Project/Site: Johnson Cass Draw 10-23-27 - TE034821009

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

Attn: Joseph Hernandez

JKramer

Authorized for release by:
4/20/2021 6:56:42 PM

Jessica Kramer, Project Manager
(432)704-5440
jessica.kramer@eurofinset.com

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

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

Client: WSP USA Inc.
Project/Site: Johnson Cass Draw 10-23-27 - TE034821009

Laboratory Job ID: 890-525-1
SDG: Eddy County

Table of Contents

Definitions/Glossary

Client: WSP USA Inc. Job ID: 890-525-1
Project/Site: Johnson Cass Draw 10-23-27 - TE034821009 SDG: Eddy County

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: WSP USA Inc. Job ID: 890-525-1
Project/Site: Johnson Cass Draw 10-23-27 - TE034821009 SDG: Eddy County

Job ID: 890-525-1

Laboratory: Eurofins Xenco, Carlsbad

Narrative

Job Narrative
890-525-1

Comments
No additional comments.

Receipt
The samples were received on 4/15/2021 11:12 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 1.6º C.

Receipt Exceptions

The following samples analyzed for method BTEX 8021 were received and analyzed from an unpreserved bulk soil jar: PH01 (890-525-1), PH01 (890-525-2), PH02 (890-525-3) and PH02 (890-525-4).

GC VOA
Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-1889 and analytical batch 880-1905 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
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

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

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

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

Client Sample Results

Client: WSP USA Inc.
Project/Site: Johnson Cass Draw 10-23-27 - TE034821009

Job ID: 890-525-1
SDG: Eddy County

Client Sample ID: PH01

Lab Sample ID: 890-525-1
Matrix: Solid
Date Collected: 04/15/21 08:53
Date Received: 04/15/21 11:12
Sample Depth: - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/16/21 11:45	04/17/21 08:55	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/16/21 11:45	04/17/21 08:55	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/16/21 11:45	04/17/21 08:55	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		04/16/21 11:45	04/17/21 08:55	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/16/21 11:45	04/17/21 08:55	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		04/16/21 11:45	04/17/21 08:55	1
Total BTEX	<0.00397	U	0.00397		mg/Kg		04/16/21 11:45	04/17/21 08:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*04/16/21 11:45*	*04/17/21 08:55*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*04/16/21 11:45*	*04/17/21 08:55*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/16/21 12:09	04/17/21 19:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/16/21 12:09	04/17/21 19:34	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/16/21 12:09	04/17/21 19:34	1
Total TPH	<49.9	U	49.9		mg/Kg		04/16/21 12:09	04/17/21 19:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*04/16/21 12:09*	*04/17/21 19:34*	*1*
o-Terphenyl	*92*		*70 - 130*	*04/16/21 12:09*	*04/17/21 19:34*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**140**		5.04		mg/Kg			04/19/21 18:43	1

Client Sample ID: PH01

Lab Sample ID: 890-525-2
Matrix: Solid
Date Collected: 04/15/21 08:55
Date Received: 04/15/21 11:12
Sample Depth: - 2

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/16/21 11:45	04/17/21 09:16	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/16/21 11:45	04/17/21 09:16	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/16/21 11:45	04/17/21 09:16	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/16/21 11:45	04/17/21 09:16	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/16/21 11:45	04/17/21 09:16	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/16/21 11:45	04/17/21 09:16	1
Total BTEX	<0.00404	U	0.00404		mg/Kg		04/16/21 11:45	04/17/21 09:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*04/16/21 11:45*	*04/17/21 09:16*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/16/21 11:45*	*04/17/21 09:16*	*1*

Client Sample Results

Client: WSP USA Inc.
Project/Site: Johnson Cass Draw 10-23-27 - TE034821009

Job ID: 890-525-1
SDG: Eddy County

Client Sample ID: PH01

Lab Sample ID: 890-525-2
Matrix: Solid
Date Collected: 04/15/21 08:55
Date Received: 04/15/21 11:12
Sample Depth: - 2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/16/21 12:09	04/17/21 19:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/16/21 12:09	04/17/21 19:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/16/21 12:09	04/17/21 19:55	1
Total TPH	<50.0	U	50.0		mg/Kg		04/16/21 12:09	04/17/21 19:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*117*		*70 - 130*	*04/16/21 12:09*	*04/17/21 19:55*	*1*
o-Terphenyl	*102*		*70 - 130*	*04/16/21 12:09*	*04/17/21 19:55*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**95.7**		24.9		mg/Kg			04/19/21 18:48	5

Client Sample ID: PH02

Lab Sample ID: 890-525-3
Matrix: Solid
Date Collected: 04/15/21 09:29
Date Received: 04/15/21 11:12
Sample Depth: - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/16/21 11:45	04/17/21 09:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/16/21 11:45	04/17/21 09:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/16/21 11:45	04/17/21 09:36	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		04/16/21 11:45	04/17/21 09:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/16/21 11:45	04/17/21 09:36	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/16/21 11:45	04/17/21 09:36	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		04/16/21 11:45	04/17/21 09:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*04/16/21 11:45*	*04/17/21 09:36*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*04/16/21 11:45*	*04/17/21 09:36*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/16/21 12:09	04/17/21 20:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/16/21 12:09	04/17/21 20:38	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/16/21 12:09	04/17/21 20:38	1
Total TPH	<49.9	U	49.9		mg/Kg		04/16/21 12:09	04/17/21 20:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*119*		*70 - 130*	*04/16/21 12:09*	*04/17/21 20:38*	*1*
o-Terphenyl	*107*		*70 - 130*	*04/16/21 12:09*	*04/17/21 20:38*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**119**		25.2		mg/Kg			04/19/21 18:53	5

Client Sample Results

Client: WSP USA Inc.
Project/Site: Johnson Cass Draw 10-23-27 - TE034821009

Job ID: 890-525-1
SDG: Eddy County

Client Sample ID: PH02

Date Collected: 04/15/21 09:33
Date Received: 04/15/21 11:12
Sample Depth: - 2

Lab Sample ID: 890-525-4

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/16/21 11:45	04/17/21 09:57	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/16/21 11:45	04/17/21 09:57	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/16/21 11:45	04/17/21 09:57	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/16/21 11:45	04/17/21 09:57	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/16/21 11:45	04/17/21 09:57	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/16/21 11:45	04/17/21 09:57	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		04/16/21 11:45	04/17/21 09:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*04/16/21 11:45*	*04/17/21 09:57*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*04/16/21 11:45*	*04/17/21 09:57*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/16/21 12:09	04/17/21 20:59	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/16/21 12:09	04/17/21 20:59	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/16/21 12:09	04/17/21 20:59	1
Total TPH	<49.8	U	49.8		mg/Kg		04/16/21 12:09	04/17/21 20:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*04/16/21 12:09*	*04/17/21 20:59*	*1*
o-Terphenyl	*89*		*70 - 130*	*04/16/21 12:09*	*04/17/21 20:59*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**206**	**F1**	25.0		mg/Kg			04/20/21 09:10	5

Surrogate Summary

Client: WSP USA Inc.
Project/Site: Johnson Cass Draw 10-23-27 - TE034821009

Job ID: 890-525-1
SDG: Eddy County

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-525-1	PH01	108	108
890-525-2	PH01	113	101
890-525-3	PH02	117	106
890-525-4	PH02	108	106
LCS 880-1889/1-A	Lab Control Sample	102	105
LCSD 880-1889/2-A	Lab Control Sample Dup	102	106
MB 880-1889/5-A	Method Blank	100	101
MB 880-1895/5-A	Method Blank	99	103

Surrogate Legend

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

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-525-1	PH01	107	92
890-525-2	PH01	117	102
890-525-3	PH02	119	107
890-525-4	PH02	101	89
LCS 880-1894/2-A	Lab Control Sample	95	78
LCSD 880-1894/3-A	Lab Control Sample Dup	117	101
MB 880-1894/1-A	Method Blank	93	91

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: WSP USA Inc.
Project/Site: Johnson Cass Draw 10-23-27 - TE034821009

Job ID: 890-525-1
SDG: Eddy County

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-1889/5-A
Matrix: Solid
Analysis Batch: 1905

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1889

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/16/21 11:45	04/17/21 07:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/16/21 11:45	04/17/21 07:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/16/21 11:45	04/17/21 07:25	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/16/21 11:45	04/17/21 07:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/16/21 11:45	04/17/21 07:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/16/21 11:45	04/17/21 07:25	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		04/16/21 11:45	04/17/21 07:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*04/16/21 11:45*	*04/17/21 07:25*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/16/21 11:45*	*04/17/21 07:25*	*1*

Lab Sample ID: LCS 880-1889/1-A
Matrix: Solid
Analysis Batch: 1905

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1889

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			0.100	0.08467		mg/Kg		85	70 - 130		
Toluene			0.100	0.08823		mg/Kg		88	70 - 130		
Ethylbenzene			0.100	0.09208		mg/Kg		92	70 - 130		
m-Xylene & p-Xylene			0.200	0.1867		mg/Kg		93	70 - 130		
o-Xylene			0.100	0.09378		mg/Kg		94	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

Lab Sample ID: LCSD 880-1889/2-A
Matrix: Solid
Analysis Batch: 1905

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1889

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.100	0.09488		mg/Kg		95	70 - 130	11	35
Toluene			0.100	0.09428		mg/Kg		94	70 - 130	7	35
Ethylbenzene			0.100	0.09638		mg/Kg		96	70 - 130	5	35
m-Xylene & p-Xylene			0.200	0.1940		mg/Kg		97	70 - 130	4	35
o-Xylene			0.100	0.09674		mg/Kg		97	70 - 130	3	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*

Lab Sample ID: MB 880-1895/5-A
Matrix: Solid
Analysis Batch: 1905

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1895

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/16/21 12:15	04/16/21 19:50	1

QC Sample Results

Client: WSP USA Inc.
Project/Site: Johnson Cass Draw 10-23-27 - TE034821009

Job ID: 890-525-1
SDG: Eddy County

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

Lab Sample ID: MB 880-1895/5-A
Matrix: Solid
Analysis Batch: 1905

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1895

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200		mg/Kg		04/16/21 12:15	04/16/21 19:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/16/21 12:15	04/16/21 19:50	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/16/21 12:15	04/16/21 19:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/16/21 12:15	04/16/21 19:50	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/16/21 12:15	04/16/21 19:50	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		04/16/21 12:15	04/16/21 19:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*04/16/21 12:15*	*04/16/21 19:50*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*04/16/21 12:15*	*04/16/21 19:50*	*1*

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

Lab Sample ID: MB 880-1894/1-A
Matrix: Solid
Analysis Batch: 1923

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1894

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/16/21 12:09	04/17/21 14:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/16/21 12:09	04/17/21 14:55	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/16/21 12:09	04/17/21 14:55	1
Total TPH	<50.0	U	50.0		mg/Kg		04/16/21 12:09	04/17/21 14:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*04/16/21 12:09*	*04/17/21 14:55*	*1*
o-Terphenyl	*91*		*70 - 130*	*04/16/21 12:09*	*04/17/21 14:55*	*1*

Lab Sample ID: LCS 880-1894/2-A
Matrix: Solid
Analysis Batch: 1923

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1894

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1058		mg/Kg		106	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	838.4		mg/Kg		84	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*95*		*70 - 130*
o-Terphenyl	*78*		*70 - 130*

QC Sample Results

Client: WSP USA Inc.
Project/Site: Johnson Cass Draw 10-23-27 - TE034821009

Job ID: 890-525-1
SDG: Eddy County

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

Lab Sample ID: LCSD 880-1894/3-A
Matrix: Solid
Analysis Batch: 1923

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1894

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1107		mg/Kg		111	70 - 130	5	20
Diesel Range Organics (Over C10-C28)			1000	961.7		mg/Kg		96	70 - 130	14	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*117*		*70 - 130*
o-Terphenyl	*101*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-1942/1-A
Matrix: Solid
Analysis Batch: 2014

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/19/21 17:32	1

Lab Sample ID: LCS 880-1942/2-A
Matrix: Solid
Analysis Batch: 2014

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			250	254.3		mg/Kg		102	90 - 110		

Lab Sample ID: LCSD 880-1942/3-A
Matrix: Solid
Analysis Batch: 2014

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride			250	258.1		mg/Kg		103	90 - 110	1	20

Lab Sample ID: 890-525-4 MS
Matrix: Solid
Analysis Batch: 2014

Client Sample ID: PH02
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	206	F1	250	1486	F1	mg/Kg		512	90 - 110		

Lab Sample ID: 890-525-4 MSD
Matrix: Solid
Analysis Batch: 2014

Client Sample ID: PH02
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	206	F1	250	1493	F1	mg/Kg		515	90 - 110	0	20

QC Association Summary

Client: WSP USA Inc.
Project/Site: Johnson Cass Draw 10-23-27 - TE034821009

Job ID: 890-525-1
SDG: Eddy County

GC VOA

Prep Batch: 1889

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-525-1	PH01	Total/NA	Solid	5035	
890-525-2	PH01	Total/NA	Solid	5035	
890-525-3	PH02	Total/NA	Solid	5035	
890-525-4	PH02	Total/NA	Solid	5035	
MB 880-1889/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-1889/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-1889/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 1895

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-1895/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 1905

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-525-1	PH01	Total/NA	Solid	8021B	1889
890-525-2	PH01	Total/NA	Solid	8021B	1889
890-525-3	PH02	Total/NA	Solid	8021B	1889
890-525-4	PH02	Total/NA	Solid	8021B	1889
MB 880-1889/5-A	Method Blank	Total/NA	Solid	8021B	1889
MB 880-1895/5-A	Method Blank	Total/NA	Solid	8021B	1895
LCS 880-1889/1-A	Lab Control Sample	Total/NA	Solid	8021B	1889
LCSD 880-1889/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	1889

GC Semi VOA

Prep Batch: 1894

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-525-1	PH01	Total/NA	Solid	8015NM Prep	
890-525-2	PH01	Total/NA	Solid	8015NM Prep	
890-525-3	PH02	Total/NA	Solid	8015NM Prep	
890-525-4	PH02	Total/NA	Solid	8015NM Prep	
MB 880-1894/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-1894/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-1894/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 1923

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-525-1	PH01	Total/NA	Solid	8015B NM	1894
890-525-2	PH01	Total/NA	Solid	8015B NM	1894
890-525-3	PH02	Total/NA	Solid	8015B NM	1894
890-525-4	PH02	Total/NA	Solid	8015B NM	1894
MB 880-1894/1-A	Method Blank	Total/NA	Solid	8015B NM	1894
LCS 880-1894/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	1894
LCSD 880-1894/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	1894

HPLC/IC

Leach Batch: 1942

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-525-1	PH01	Soluble	Solid	DI Leach	
890-525-2	PH01	Soluble	Solid	DI Leach	
890-525-3	PH02	Soluble	Solid	DI Leach	

QC Association Summary

Client: WSP USA Inc.
Project/Site: Johnson Cass Draw 10-23-27 - TE034821009

Job ID: 890-525-1
SDG: Eddy County

HPLC/IC (Continued)

Leach Batch: 1942 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-525-4	PH02	Soluble	Solid	DI Leach	
MB 880-1942/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-1942/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-1942/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-525-4 MS	PH02	Soluble	Solid	DI Leach	
890-525-4 MSD	PH02	Soluble	Solid	DI Leach	

Analysis Batch: 2014

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-525-1	PH01	Soluble	Solid	300.0	1942
890-525-2	PH01	Soluble	Solid	300.0	1942
890-525-3	PH02	Soluble	Solid	300.0	1942
890-525-4	PH02	Soluble	Solid	300.0	1942
MB 880-1942/1-A	Method Blank	Soluble	Solid	300.0	1942
LCS 880-1942/2-A	Lab Control Sample	Soluble	Solid	300.0	1942
LCSD 880-1942/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	1942
890-525-4 MS	PH02	Soluble	Solid	300.0	1942
890-525-4 MSD	PH02	Soluble	Solid	300.0	1942

Lab Chronicle

Client: WSP USA Inc. Job ID: 890-525-1
Project/Site: Johnson Cass Draw 10-23-27 - TE034821009 SDG: Eddy County

Client Sample ID: PH01 Lab Sample ID: 890-525-1

Date Collected: 04/15/21 08:53 **Matrix: Solid**
Date Received: 04/15/21 11:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1889	04/16/21 11:45	MR	XM
Total/NA	Analysis	8021B		1	1905	04/17/21 08:55	MR	XM
Total/NA	Prep	8015NM Prep			1894	04/16/21 12:09	DM	XM
Total/NA	Analysis	8015B NM		1	1923	04/17/21 19:34	AJ	XM
Soluble	Leach	DI Leach			1942	04/17/21 18:36	CH	XM
Soluble	Analysis	300.0		1	2014	04/19/21 18:43	WP	XM

Client Sample ID: PH01 Lab Sample ID: 890-525-2

Date Collected: 04/15/21 08:55 **Matrix: Solid**
Date Received: 04/15/21 11:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1889	04/16/21 11:45	MR	XM
Total/NA	Analysis	8021B		1	1905	04/17/21 09:16	MR	XM
Total/NA	Prep	8015NM Prep			1894	04/16/21 12:09	DM	XM
Total/NA	Analysis	8015B NM		1	1923	04/17/21 19:55	AJ	XM
Soluble	Leach	DI Leach			1942	04/17/21 18:36	CH	XM
Soluble	Analysis	300.0		5	2014	04/19/21 18:48	WP	XM

Client Sample ID: PH02 Lab Sample ID: 890-525-3

Date Collected: 04/15/21 09:29 **Matrix: Solid**
Date Received: 04/15/21 11:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1889	04/16/21 11:45	MR	XM
Total/NA	Analysis	8021B		1	1905	04/17/21 09:36	MR	XM
Total/NA	Prep	8015NM Prep			1894	04/16/21 12:09	DM	XM
Total/NA	Analysis	8015B NM		1	1923	04/17/21 20:38	AJ	XM
Soluble	Leach	DI Leach			1942	04/17/21 18:36	CH	XM
Soluble	Analysis	300.0		5	2014	04/19/21 18:53	WP	XM

Client Sample ID: PH02 Lab Sample ID: 890-525-4

Date Collected: 04/15/21 09:33 **Matrix: Solid**
Date Received: 04/15/21 11:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1889	04/16/21 11:45	MR	XM
Total/NA	Analysis	8021B		1	1905	04/17/21 09:57	MR	XM
Total/NA	Prep	8015NM Prep			1894	04/16/21 12:09	DM	XM
Total/NA	Analysis	8015B NM		1	1923	04/17/21 20:59	AJ	XM
Soluble	Leach	DI Leach			1942	04/17/21 18:36	CH	XM
Soluble	Analysis	300.0		5	2014	04/20/21 09:10	WP	XM

Laboratory References:

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

Eurofins Xenco, Carlsbad

Accreditation/Certification Summary

Client: WSP USA Inc.
Job ID: 890-525-1
Project/Site: Johnson Cass Draw 10-23-27 - TE034821009
SDG: Eddy County

Laboratory: Eurofins Xenco, Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-20-21	06-30-21

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

Analysis Method	Prep Method	Matrix	Analyte
8015B NM	8015NM Prep	Solid	Total TPH
8021B	5035	Solid	Total BTEX

Method Summary

Client: WSP USA Inc.
Project/Site: Johnson Cass Draw 10-23-27 - TE034821009

Job ID: 890-525-1
SDG: Eddy County

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

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.

Laboratory References:

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

Sample Summary

Client: WSP USA Inc.
Project/Site: Johnson Cass Draw 10-23-27 - TE034821009

Job ID: 890-525-1
SDG: Eddy County

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-525-1	PH01	Solid	04/15/21 08:53	04/15/21 11:12	- 1
890-525-2	PH01	Solid	04/15/21 08:55	04/15/21 11:12	- 2
890-525-3	PH02	Solid	04/15/21 09:29	04/15/21 11:12	- 1
890-525-4	PH02	Solid	04/15/21 09:33	04/15/21 11:12	- 2

eurofins | Environment Testing Xenco

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: _____

www.xenco.com Page 1 of 1

Project Manager:	Joseph Hernandez	Bill to: (if different)	Lynda Laumbach
Company Name:	WSP USA	Company Name:	WPX Energy
Address:	3300 North A Street	Address:	5315 Buena Vista Dr
City, State ZIP:	Midland, TX 79705	City, State ZIP:	Carlsbad, NM 88220
Phone:	(281)702-2329 Email:	joseph.hernandez@wsp.com	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Johnson Cass Draw 10-23-21	Turn Around	
Project Number:	TE034821009	☒ Routine ☐ Rush	
Project Location:	Eddy county	Due Date:	
Sampler's Name:	Fatima Smith	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID:	TNM 007
Cooler Custody Seals:	Yes (No) N/A	Correction Factor:	
Sample Custody Seals:	Yes (No) N/A	Temperature Reading:	1.8
Total Containers:		Corrected Temperature:	1.6

ANALYSIS REQUEST

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	TPH (EPA 8015)	BTEX (EPA 8021)	Chloride (EPA 300.0)
PH01	S	4/15/21	0853	1'		1				
PH01			0855	2'						
PH02			0929	1'						
PH02			0933	2'						

890-525 Chain of Custody

Preservative Codes

None: NO DI Water: H_2O
Cool: Cool MeOH: Me
HCL: HC HNO_3: HN
H_2SO_4: H_2 NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Comments

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	Gabby Urdiales	4/15/21 1612	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

Login Sample Receipt Checklist

Client: WSP USA Inc.

Job Number: 890-525-1
SDG Number: Eddy County

Login Number: 525
List Number: 1
Creator: Ordonez, Gabby

List Source: Eurofins Carlsbad

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

Login Sample Receipt Checklist

Client: WSP USA Inc.

Job Number: 890-525-1
SDG Number: Eddy County

Login Number: 525
List Number: 2
Creator: Copeland, Tatiana

List Source: Eurofins Midland
List Creation: 04/16/21 11:41 AM

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 <6mm (1/4").	True	

Form C-141
Page 6

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2109532718
District RP	
Facility ID	
Application ID	

Closure

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

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

☑ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☑ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☑ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☑ Description of remediation activities

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

Printed Name: Lynda Laumbach Title: Environmental Professional

Signature: Lynda Laumbach Date: 06/29/2021

email: lynda.laumbach@dvn.com Telephone: 575-725-1647

OCD Only

Received by: Robert Hamlet Date: 9/23/2021

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

Closure Approved by: Robert Hamlet Date: 9/23/2021

Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

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

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

CONDITIONS

Action 34243

CONDITIONS

Operator:	OGRID:
WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	246289
	Action Number: 34243
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2109532718 JOHNSON CASS DRAW 10-23-27 FEE #401H, thank you. This closure is approved.	9/23/2021