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	NAPP2107748612
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	OGRID
Contact Name	Contact Telephone
Contact email	Incident # *(assigned by OCD)*
Contact mailing address	

Location of Release Source

Latitude _____ Longitude _____
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Site Type
Date Release Discovered	API# *(if applicable)*

Unit Letter	Section	Township	Range	County

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)	Volume Recovered (bbls)
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of total dissolved solids (TDS) 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		

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2107748612
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?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

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

☐ 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: _____ Title: _____

Signature: Adrian Bates Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Ramona Marcus Date: 5/4/2021

Location:	Nash Unit 206H	
Spill Date:	3/6/2021	

Area 1		
Approximate Area =	33.69	cu.ft
VOLUME OF LEAK		
Total Frac Fluid =	6.00	bbls

Area 2		
Approximate Area =	2991.00	sq. ft.
Average Saturation (or depth) of spill =	1.50	inches

Average Porosity Factor =	0.03	

VOLUME OF LEAK		
Total Frac Fluid =	2.00	bbls

TOTAL VOLUME OF LEAK		
Total Frac Fluid =	**8.00**	**bbls**
TOTAL VOLUME RECOVERED		
Total Frac Fluid =	**6.00**	**bbls**

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 23746

CONDITIONS OF APPROVAL

Operator:	OGRID:	Action Number:	Action Type:
XTO ENERGY, INC 6401 Holiday Hill Road Building #5 Midland, TX79707	5380	23746	C-141

OCD Reviewer	Condition
rmarcus	None

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2107748612
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	50-100 (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	NAPP2107748612
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: _Adrian Baker_ Title: _SSHE Coordinator_

Signature: Adrian Baker Date: 08/30/2021

email: _Adrian_Baker@exxonmobil.com_ Telephone: (432)-236-3808

OCD Only

Received by: _____ Date: _____

Incident ID	NAPP2107748612
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: Adrian Baker Title: SSHE Coordinator

Signature: Adrian Baker Date: 08/30/2021

email: adrian.baker@exxonmobil.com Telephone: (432)-236-3808

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: _____

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2107748612
District RP	
Facility ID	
Application ID	

Closure

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Printed Name: Adrian Baker Title: SSHE Coordinator

Signature: Adrian Baker Date: 08/30/2021

email: adrian.baker@exxonmobil.com Telephone: (432)-236-3808

OCD Only

Received by: Robert Hamlet Date: 11/24/2021

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: 11/24/2021

Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

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

August 30, 2021

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

RE: Closure Request
Nash Unit 206H
Incident Number NAPP2107748612
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, soil sampling, and excavation activities at the Nash Unit 206H (Site) in Unit N, Section 18, Township 23 South, Range 30 East, in Eddy County, New Mexico (Figure 1). The purpose of the site assessment, soil sampling, and excavation activities was to address impacts to soil following a release of frac fluid at the Site. Based on the excavation activities and analytical results from the soil sampling events, XTO is submitting this Closure Request, describing remediation that has occurred and requesting no further action (NFA) for Incident Number NAPP2107748612.

RELEASE BACKGROUND

On March 6, 2021, a missing torque valve caused approximately 8.0 barrels (bbls) of frac fluid to be released from a pump into a temporary containment and onto the surrounding well pad. A vacuum truck was immediately dispatched to the Site to recover freestanding fluids, approximately 6.0 bbls of frac fluid were recovered from the temporary containment. XTO reported the release to the New Mexico Oil Conservation Division (NMOCD) on a Release Notification Form (Form C-141) on March 18, 2021. The release was assigned Incident Number NAPP2107748612.

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 50 feet and 100 feet below ground surface (bgs) based on the nearest groundwater well data. The closest groundwater well with depth to water data is USGS well 321742103552601, located approximately 0.27 miles south of the Site. The groundwater well has a reported depth to groundwater of 66 feet bgs and the total depth is unknown.

The closest continuously flowing water or significant watercourse to the Site is an unnamed dry wash, located approximately 325 feet south-southeast 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 underlain by unstable geology (high potential karst designation area). Site receptors are identified on Figure 1.

CLOSURE CRITERIA

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

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH): 100 mg/kg
- Chloride: 600 mg/kg

SITE ASSESSMENT ACTIVITIES AND ANALYTICAL RESULTS

On April 27, 2021, WSP personnel visited the Site to evaluate the release extent based on information provided on the Form C-141 and visual observations. WSP personnel collected three preliminary assessment soil samples (SS01 through SS03) within the release extent, from a depth of approximately 0.5 feet bgs to assess the lateral extent of impacted soil outside of the temporary containment. Soil from the preliminary soil samples was field screened for volatile aromatic hydrocarbons and chloride utilizing a calibrated photo-ionization detector (PID) and Hach® chloride QuanTab® test strips, respectively. The temporary containment was still in place and WSP personnel inspected the liner and noted a tear in the liner. The release extent, temporary containment, tear in the liner, and preliminary soil sample locations were mapped utilizing a handheld Global Positing System (GPS) and are presented on Figure 2.

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

Laboratory analytical results indicated that chloride and/or TPH concentrations exceeded the Closure Criteria in preliminary soil samples SS01 through SS03. Based on visible staining in the

release area, elevated field screening results, and laboratory analytical results for the preliminary soil samples, delineation and excavation activities were warranted.

DELINEATION AND EXCAVATION SOIL SAMPLING ACTIVITIES

On June 1, 2021, WSP personnel were at the Site to oversee delineation and excavation activities as indicated by visual observations, field screening activities, and laboratory analytical results for the preliminary soil samples. At this time all frac operation equipment had been removed from the Site, including the temporary containment.

Pothole PH01 was advanced via backhoe to a depth of 4 feet bgs near the location of the tear in the temporary containment liner to assess the vertical extent of impacted soil. Delineation soil samples were collected from the pothole at depths ranging from 0.5 feet to 4 feet bgs. Soil from the pothole was field screened for volatile aromatic hydrocarbons and chloride utilizing a PID and Hach© chloride QuanTab© test strips, respectively. Field screening results from pothole PH01 indicated elevated chloride concentrations to a depth of 1-foot bgs. Field screening results and observations were logged on a lithologic/soil sampling log, which is included in Attachment 2.

The pothole and delineation soil sample locations are presented on Figure 2. The delineation soil samples were collected, handled, and analyzed as described above at Eurofins in Carlsbad, New Mexico. Photographic documentation was conducted during the Site visits. A photographic log is included in Attachment 3.

Based on laboratory analytical results for the preliminary soil samples and field screening results for the delineation soil samples, excavation activities were completed to remove the impacted soil. Excavation activities were performed using backhoe and were completed in the release area outside of the former containment and in the area beneath the tear in the former containment liner. To direct excavation activities, WSP screened soil for volatile aromatic hydrocarbons and chloride utilizing a PID and Hach® chloride QuanTab® test strips, respectively. The excavations were completed at a depth of approximately 2 feet bgs. Following removal of impacted soil, WSP collected 5-point composite soil samples every 200 square feet from the floors and sidewalls of the excavations. The 5-point composite samples were collected by placing five equivalent aliquots of soil into a 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing. Composite soil samples FS01 through FS06 and SW01 through SW03 were collected from the floors and sidewalls, respectively, of the excavations. The floor samples were collected at a depth of approximately 2 feet bgs, and the sidewalls samples were collected at depths ranging from ground surface to 2 feet bgs. The excavation soil samples were collected, handled, and analyzed as described above. The excavation extents and excavation soil sample locations are presented on Figure 3.

The final excavation extents measured approximately 1,125 square feet. A total of approximately 85 cubic yards of impacted soil were removed during excavation activities. The impacted soil was

transported and properly disposed of at the R360 Facility located in Hobbs, New Mexico. After the completion of confirmation sampling, the excavation was secured with fencing.

SOIL ANALYTICAL RESULTS

Laboratory analytical results for the delineation soil samples collected from pothole PH01 indicated that benzene, BTEX, TPH, and chloride concentrations were compliant with the Closure Criteria.

Laboratory analytical results for excavation floor samples FS01 through FS06 and excavation sidewall samples SW01 through SW03, collected from the final excavation extents, indicated that benzene, BTEX, TPH, and chloride concentrations were compliant with the Closure Criteria. The laboratory analytical results are summarized in Table 1 and the complete laboratory analytical reports are included in Attachment 4.

CLOSURE REQUEST

Site assessment and excavation activities were conducted at the Site to address the March 6, 2021 release of frac fluid. Based on the laboratory analytical results for the preliminary soil samples, impacted soil was excavated. Laboratory analytical results for the excavation soil samples collected from the final excavation extents indicated that benzene, BTEX, TPH, and chloride concentrations were compliant with the Closure Criteria. Based on the excavation soil sample analytical results, no further remediation was required. XTO backfilled the excavation with material purchased locally and recontoured the Site to match pre-existing conditions. Initial response efforts and excavation of impacted soil have mitigated impacts at this Site. As such, XTO respectfully requests NFA for Incident Number NAPP2107748612.

If you have any questions or comments, please do not hesitate to contact Ms. Ashley Ager at (970) 385-1096.

Sincerely,

WSP USA Inc.

Jeremy Hill
Environmental Scientist

Ashley L. Ager, P.G.
Managing Director, Geologist

cc: Shelby Pennington, XTO
Adrian Baker, XTO
Bureau of Land Management

Attachments:

Figure 1	Site Location Map
Figure 2	Soil Sample Locations
Figure 3	Excavation Soil Sample Locations
Table 1	Soil Analytical Results
Attachment 1	Referenced Well Records
Attachment 2	Lithologic/ Soil Sampling Log
Attachment 3	Photographic Log
Attachment 4	Laboratory Analytical Reports

FIGURES

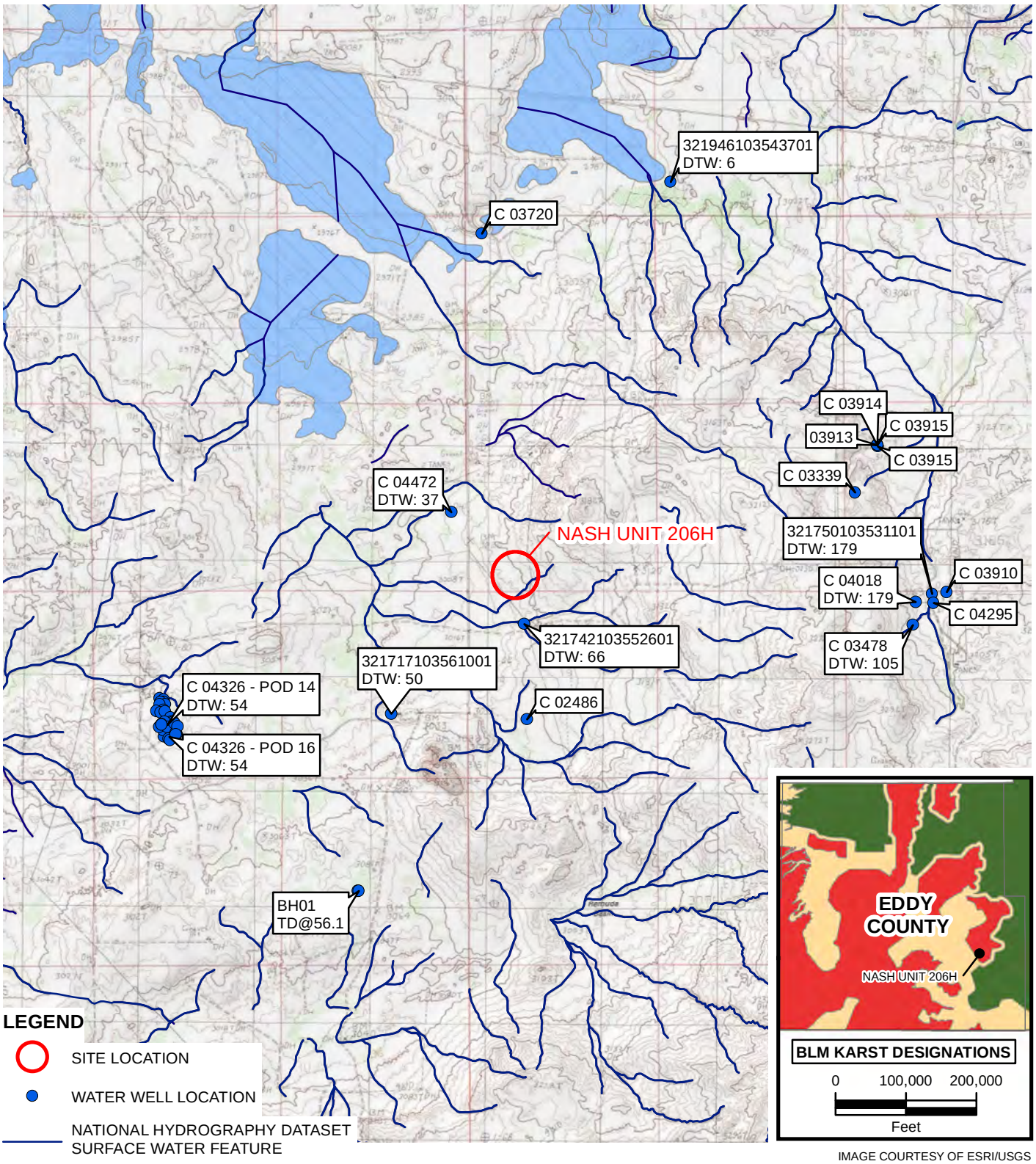
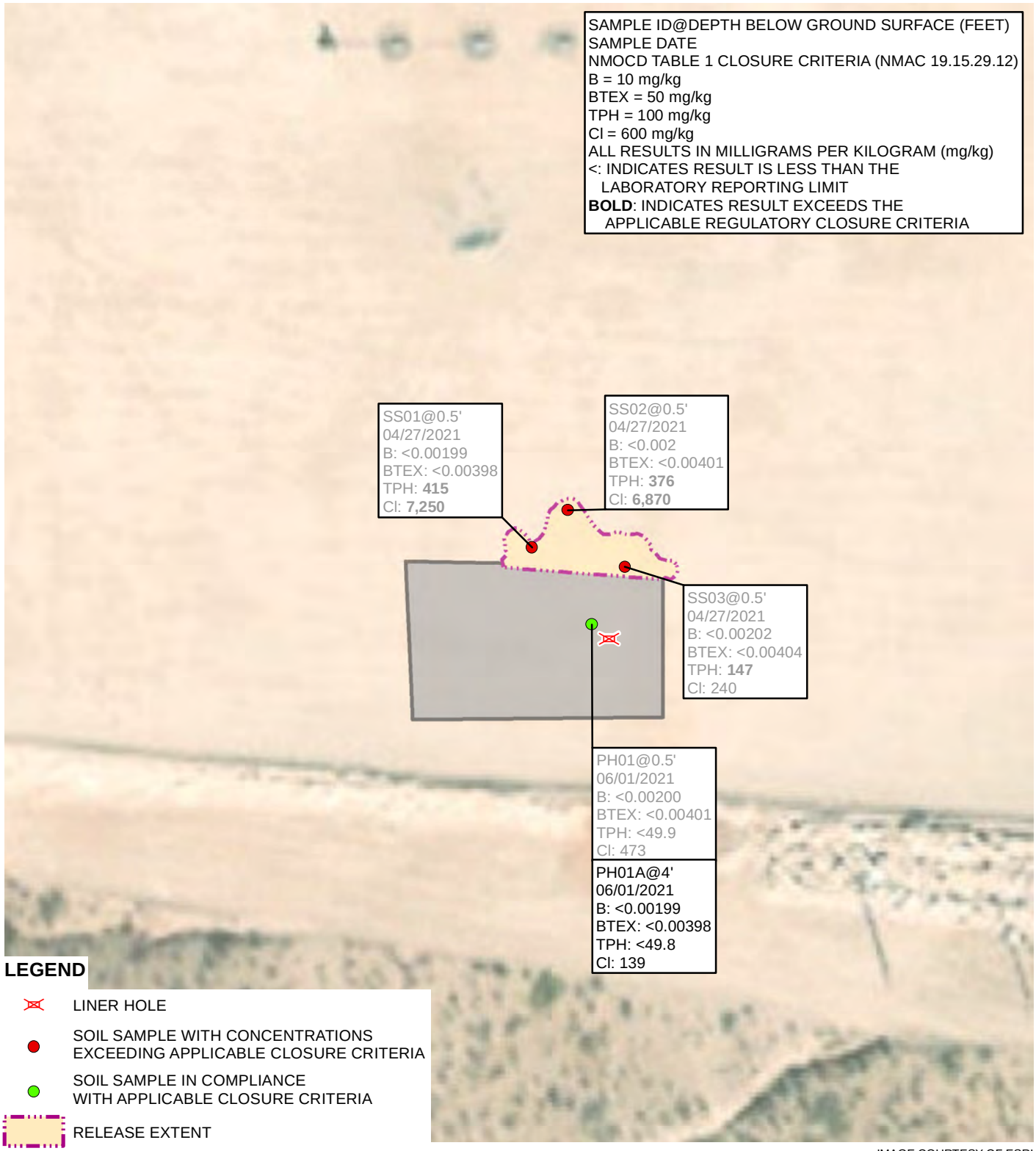


IMAGE COURTESY OF ESRI/USGS

DTW: DEPTH TO WATER IN FEET
BLM: BUREAU OF LAND MANAGEMENT
TD: TOTAL DEPTH IN FEET
NOTE: INCIDENT NUMBER NAPP2107748612

FIGURE 1
SITE LOCATION MAP
NASH UNIT 206H
UNIT N SEC 18 T23S R30E
EDDY COUNTY, NEW MEXICO
XTO ENERGY, INC

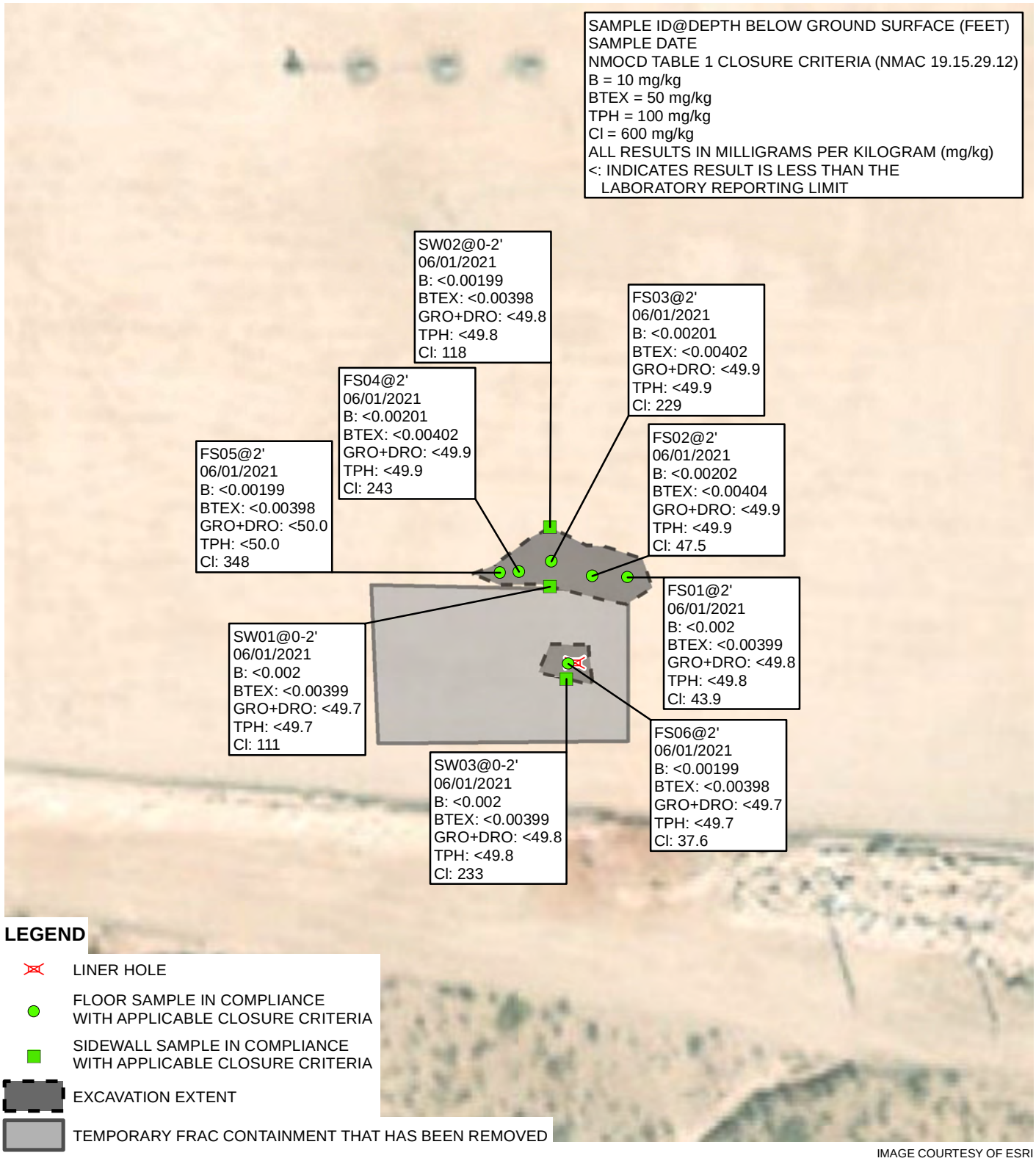
P:\XTO Energy\GIS\MXD\012921037_NASH UNIT 206H\012921037_FIG01_SL_RECEPTOR_2021_1.mxd



B: BENZENE
BTEX: TOTAL BENZENE, TOLUENE, ETHYLBENZENE, AND TOTAL XYLENES
TPH: TOTAL PETROLEUM HYDROCARBONS
Cl: CHLORIDE
NMAC: NEW MEXICO ADMINISTRATIVE CODE
NMOCD: NEW MEXICO OIL CONSERVATION DIVISION
NOTE: INCIDENT NUMBER NAPP2107748612
SAMPLE ID@DEPTH BELOW GROUND SURFACE (FEET)
TEXT: INDICATES SOIL REPRESENTED BY SAMPLE THAT WAS REMOVED

FIGURE 2
SOIL SAMPLE LOCATIONS
NASH UNIT 206H
UNIT N SEC 18 T23S R30E
EDDY COUNTY, NEW MEXICO
XTO ENERGY, INC.

P:\XTO Energy\GIS\MXD\012921037_NASH UNIT 206H\012921037_FIG02_SS_LOC_2021.mxd



B: BENZENE
BTEX: TOTAL BENZENE, TOLUENE, ETHYLBENZENE, AND TOTAL XYLENES
GRO: GASOLINE RANGE ORGANICS
DRO: DIESEL RANGE ORGANICS
TPH: TOTAL PETROLEUM HYDROCARBONS
Cl: CHLORIDE
NMAC: NEW MEXICO ADMINISTRATIVE CODE
NMOCD: NEW MEXICO OIL CONSERVATION DIVISION
NOTE: INCIDENT NUMBER NAPP2107748612
SAMPLE ID@DEPTH BELOW GROUND SURFACE (FEET)
TEXT: INDICATES SOIL REPRESENTED BY SAMPLE THAT WAS REMOVED

FIGURE 3
EXCAVATION SOIL SAMPLE LOCATIONS
NASH UNIT 206H
UNIT N SEC 18 T23S R30E
EDDY COUNTY, NEW MEXICO
XTO ENERGY, INC.

P:\XTO Energy\GIS\MXD\012921037_NASH UNIT 206H\012921037_FIG03_EXCAVATION_2021.mxd

TABLES

Table 1

Soil Analytical Results
Nash Unit 206H
Incident Number NAPP2107748612
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	NE	100	600
Surface Samples										
SS01	04/27/2021	0.5	<0.00199	<0.00398	326	<50.0	88.9	326	**415**	**7,250**
SS02	04/27/2021	0.5	<0.002	<0.00401	308	<50.0	68.4	308	**376**	**6,870**
SS03	04/27/2021	0.5	<0.00202	<0.00404	147	<50.0	<50.0	147	**147**	240
Delineation Samples										
PH01	06/01/2021	0.5	<0.00200	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	473
PH01A	06/01/2021	4	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	139
Excavation Floor Samples										
FS01	06/01/2021	2	<0.002	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	43.9
FS02	06/01/2021	2	<0.00202	<0.00404	<49.9	<49.9	<49.9	<49.9	<49.9	47.5
FS03	06/01/2021	2	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	229
FS04	06/01/2021	2	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	243
FS05	06/01/2021	2	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	348
FS06	06/01/2021	2	<0.00199	<0.00398	<49.7	<49.7	<49.7	<49.7	<49.7	37.6
Excavation Sidewall Samples										
SW01	06/01/2021	0-2	<0.002	<0.00399	<49.7	<49.7	<49.7	<49.7	<49.7	111

Table 1

Soil Analytical Results
Nash Unit 206H
Incident Number NAPP2107748612
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	NE	100	600
SW02	06/01/2021	0-2	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	118
SW03	06/01/2021	0-2	<0.002	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	233

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
Greyed data represents samples that were excavated
* - indicates sample was collected in area to be reclaimed after remediation is complete;
closure criteria for chloride concentration in the top 4 feet of soil is 600 mg/kg

ATTACHMENT 1: REFERENCED WELL RECORDS

USGS 321742103552601 23S.30E.19.123421

Available data for this site SUMMARY OF ALL AVAILABLE DATA GO

Well Site

DESCRIPTION:

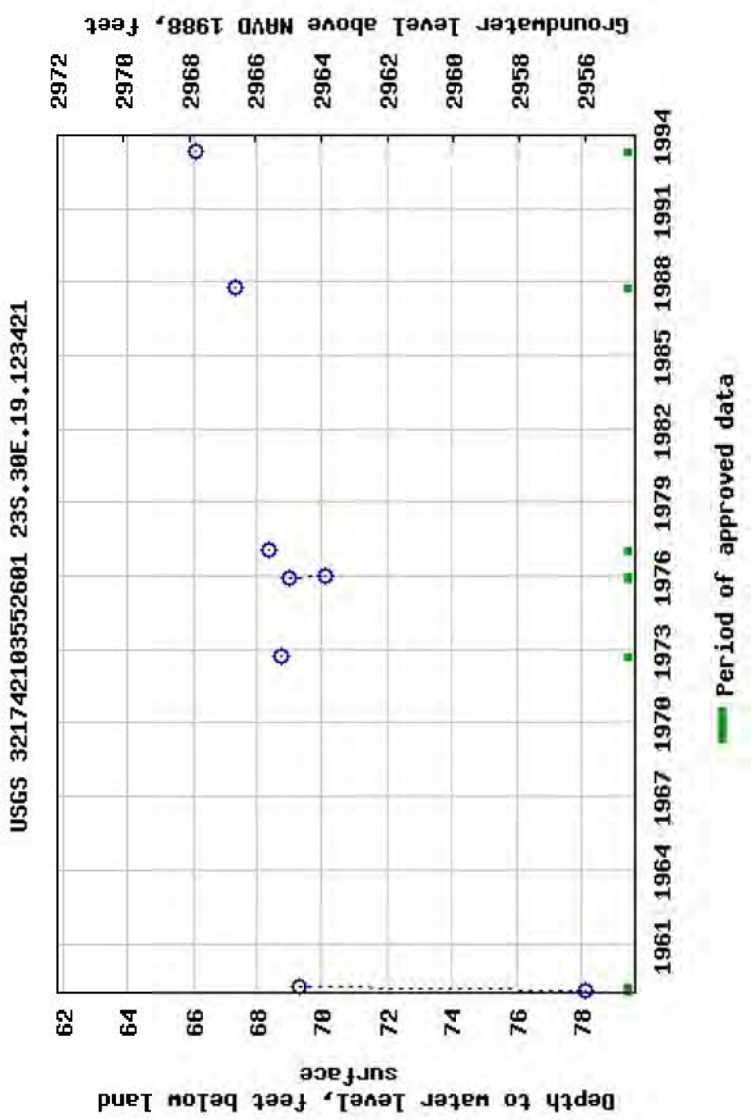
Latitude 32°17'42", Longitude 103°55'26" NAD27
Eddy County, New Mexico , Hydrologic Unit 13060011
Well depth: 100 feet
Land surface altitude: 3,034 feet above NAVD88.
Well completed in "Other aquifers" (N9999OTHER) national aquifer.
Well completed in "Rustler Formation" (312RSLR) local aquifer

AVAILABLE DATA:

Data Type	Begin Date	End Date	Count
Field groundwater-level measurements	1959-02-06	1993-05-06	8
Field/Lab water-quality samples	1972-09-20	1972-09-20	1
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


USGS 321742103552601 23S.30E.19.123421
Groundwater level above NAVD 1988, feet
2972
2970
2968
2966
2964
2962
2960
2958
2956
Depth to water level, feet below land surface
62
64
66
68
70
72
74
76
78
1961 1964 1967 1970 1973 1976 1979 1982 1985 1988 1991 1994
Period of approved data

New Mexico Office of the State Engineer

Point of Diversion Summary

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

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
NA	C 04472 POD1	2	2	4	13	23S	29E	600639	3574619

Driller License: 1249 **Driller Company:** ATKINS ENGINEERING ASSOC. INC.

Driller Name: ATKINS, JACKIE D.UELENER

Drill Start Date: 09/11/2020 **Drill Finish Date:** 09/11/2020 **Plug Date:** 09/15/2020

Log File Date: 10/06/2020 **PCW Rcv Date:** **Source:** Shallow

Pump Type: **Pipe Discharge Size:** **Estimated Yield:**

Casing Size: **Depth Well:** **Depth Water:** 37 feet

Water Bearing Stratifications:	Top	Bottom	Description
	19	40	Limestone/Dolomite/Chalk
	40	55	Shale/Mudstone/Siltstone

ATTACHMENT 2: LITHOLOGIC/SAMPLING LOG

WSP USA
508 West Stevens Street
Carlsbad, New Mexico 88220

BH or PH Name: PH01	Date: 06/01/2021
Site Name: Nash Unit 206H	
RP or Incident Number: NAPP2107748612	
WSP Job Number: TE012921037	

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: BB	Method: Backhoe		
Lat/Long: 32.2991, -103.925	Field Screening: Hach chloride strips, PID	Hole Diameter: N/A	Total Depth: 4 feet bgs

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

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithology/Remarks
M	963	0.4	N	PH01	0.5	0.5	CCHE	CALICHE, moist, tan-light brown, poorly consolidated, fill.
D	711	0.6	N	PH01A	1	1	SP	SAND, dry, brown-dark brown, poorly graded, fine grain, some roots.
D	<124	0.3	N	PH01B	2	2	SP	SAND, dry, brown-dark brown, poorly graded, fine grain.
D	224	0.3	N	PH01C	4	4	SP	SAND, dry, brown-dark brown, poorly graded, fine grain.

TD @ 4 ft bgs

ATTACHMENT 3: PHOTOGRAPHIC LOG

PHOTOGRAPHIC LOG		
XTO Energy, Inc	Nash Unit 206H Eddy County, New Mexico	NAPP2107748612

Photo No.	Date
1	June 01, 2021

Release extent facing West

Photo No.	Date
2	June 01, 2021

Excavation facing East

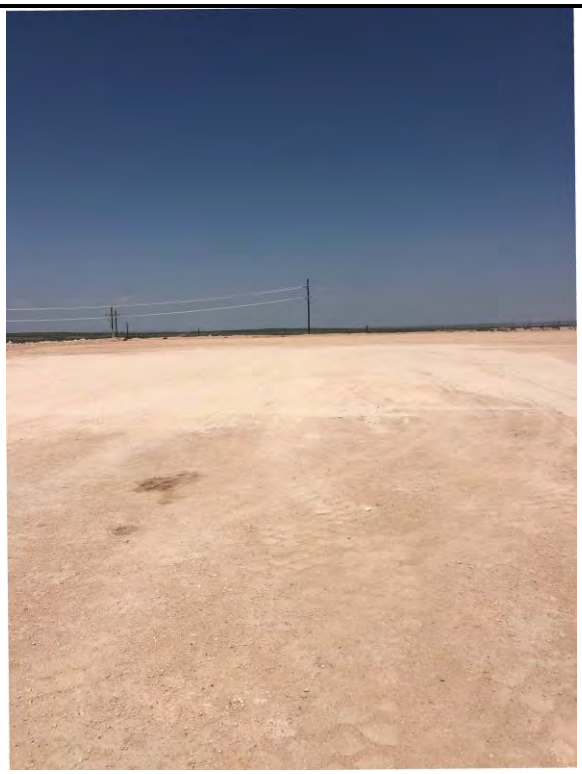
PHOTOGRAPHIC LOG		
XTO Energy, Inc	Nash Unit 206H Eddy County, New Mexico	NAPP2107748612

Photo No.	Date
3	June 01, 2021

Excavation facing Northwest

Photo No.	Date
4	July 13, 2021

Backfilled excavation facing West



ATTACHMENT 4: LABORATORY ANALYTICAL RESULTS

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 890-583-1
Laboratory Sample Delivery Group: TE012921037
Client Project/Site: Nash 206 H

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

Attn: Dan Moir

JKramer

Authorized for release by:
5/6/2021 11:57:02 AM

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: Nash 206 H

Laboratory Job ID: 890-583-1
SDG: TE012921037

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Definitions/Glossary

Client: WSP USA Inc. Job ID: 890-583-1
Project/Site: Nash 206 H SDG: TE012921037

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
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.
Project/Site: Nash 206 H

Job ID: 890-583-1
SDG: TE012921037

Job ID: 890-583-1

Laboratory: Eurofins Xenco, Carlsbad

Narrative

Job Narrative
890-583-1

Receipt
The samples were received on 4/27/2021 1:17 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 3.2°C

Receipt Exceptions
The following samples analyzed for method BTEX 8021 were received and analyzed from an unpreserved bulk soil jar: SS01 (890-583-1), SS02 (890-583-2) and SS03 (890-583-3).

GC VOA
Method 8021B: Surrogate recovery for the following sample was outside control limits: SS02 (890-583-2). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

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

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

Client Sample Results

Client: WSP USA Inc.
Project/Site: Nash 206 H

Job ID: 890-583-1
SDG: TE012921037

Client Sample ID: SS01

Lab Sample ID: 890-583-1
Matrix: Solid
Date Collected: 04/27/21 10:31
Date Received: 04/27/21 13:17
Sample Depth: - 0.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/29/21 11:00	04/30/21 07:31	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/29/21 11:00	04/30/21 07:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/29/21 11:00	04/30/21 07:31	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/29/21 11:00	04/30/21 07:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/29/21 11:00	04/30/21 07:31	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/29/21 11:00	04/30/21 07:31	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		04/29/21 11:00	04/30/21 07:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*04/29/21 11:00*	*04/30/21 07:31*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*04/29/21 11:00*	*04/30/21 07:31*	*1*

Method: 8015B NM - Diesel Range Organics (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		04/28/21 13:56	04/29/21 03:08	1
Diesel Range Organics (Over C10-C28)	**326**		50.0		mg/Kg		04/28/21 13:56	04/29/21 03:08	1
Oil Range Organics (Over C28-C36)	**88.9**		50.0		mg/Kg		04/28/21 13:56	04/29/21 03:08	1
Total TPH	**415**		50.0		mg/Kg		04/28/21 13:56	04/29/21 03:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*04/28/21 13:56*	*04/29/21 03:08*	*1*
o-Terphenyl	*97*		*70 - 130*	*04/28/21 13:56*	*04/29/21 03:08*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7250**		100		mg/Kg			05/04/21 06:52	20

Client Sample ID: SS02

Lab Sample ID: 890-583-2
Matrix: Solid
Date Collected: 04/27/21 10:36
Date Received: 04/27/21 13:17
Sample Depth: - 0.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/29/21 10:35	04/30/21 23:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/29/21 10:35	04/30/21 23:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/29/21 10:35	04/30/21 23:46	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		04/29/21 10:35	04/30/21 23:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/29/21 10:35	04/30/21 23:46	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/29/21 10:35	04/30/21 23:46	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		04/29/21 10:35	04/30/21 23:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*04/29/21 10:35*	*04/30/21 23:46*	*1*
1,4-Difluorobenzene (Surr)	*120*		*70 - 130*	*04/29/21 10:35*	*04/30/21 23:46*	*1*

Client Sample Results

Client: WSP USA Inc.
Project/Site: Nash 206 H

Job ID: 890-583-1
SDG: TE012921037

Client Sample ID: SS02

Date Collected: 04/27/21 10:36
Date Received: 04/27/21 13:17
Sample Depth: - 0.5

Lab Sample ID: 890-583-2
Matrix: Solid

Method: 8015B NM - Diesel Range Organics (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		04/28/21 13:56	04/29/21 03:50	1
Diesel Range Organics (Over C10-C28)	**308**		50.0		mg/Kg		04/28/21 13:56	04/29/21 03:50	1
Oil Range Organics (Over C28-C36)	**68.4**		50.0		mg/Kg		04/28/21 13:56	04/29/21 03:50	1
Total TPH	**376**		50.0		mg/Kg		04/28/21 13:56	04/29/21 03:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*112*		*70 - 130*	*04/28/21 13:56*	*04/29/21 03:50*	*1*
o-Terphenyl	*101*		*70 - 130*	*04/28/21 13:56*	*04/29/21 03:50*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6870**		99.2		mg/Kg			05/04/21 06:58	20

Client Sample ID: SS03

Date Collected: 04/27/21 10:42
Date Received: 04/27/21 13:17
Sample Depth: - 0.5

Lab Sample ID: 890-583-3
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/29/21 10:35	05/01/21 00:12	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/29/21 10:35	05/01/21 00:12	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/29/21 10:35	05/01/21 00:12	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/29/21 10:35	05/01/21 00:12	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/29/21 10:35	05/01/21 00:12	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/29/21 10:35	05/01/21 00:12	1
Total BTEX	<0.00404	U	0.00404		mg/Kg		04/29/21 10:35	05/01/21 00:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*04/29/21 10:35*	*05/01/21 00:12*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*04/29/21 10:35*	*05/01/21 00:12*	*1*

Method: 8015B NM - Diesel Range Organics (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		04/28/21 13:56	04/29/21 04:12	1
Diesel Range Organics (Over C10-C28)	**147**		50.0		mg/Kg		04/28/21 13:56	04/29/21 04:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/28/21 13:56	04/29/21 04:12	1
Total TPH	**147**		50.0		mg/Kg		04/28/21 13:56	04/29/21 04:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*04/28/21 13:56*	*04/29/21 04:12*	*1*
o-Terphenyl	*101*		*70 - 130*	*04/28/21 13:56*	*04/29/21 04:12*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**240**		4.98		mg/Kg			04/29/21 22:28	1

Surrogate Summary

Client: WSP USA Inc.
Project/Site: Nash 206 H

Job ID: 890-583-1
SDG: TE012921037

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)
890-583-1	SS01	106	107
890-583-2	SS02	121	120
890-583-3	SS03	114	97
LCS 880-2388/1-A	Lab Control Sample	99	106
LCS 880-2477/1-A	Lab Control Sample	109	113
LCSD 880-2388/2-A	Lab Control Sample Dup	101	107
LCSD 880-2477/2-A	Lab Control Sample Dup	112	105
MB 880-2388/5-A	Method Blank	100	101
MB 880-2471/8	Method Blank	100	101
MB 880-2477/5-A	Method Blank	75	88

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)
890-583-1	SS01	103	97
890-583-2	SS02	112	101
890-583-3	SS03	97	101
LCS 880-2454/2-A	Lab Control Sample	106	95
LCSD 880-2454/3-A	Lab Control Sample Dup	107	96
MB 880-2454/1-A	Method Blank	104	102

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: WSP USA Inc.
Project/Site: Nash 206 H

Job ID: 890-583-1
SDG: TE012921037

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-2388/5-A
Matrix: Solid
Analysis Batch: 2471

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 2388

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/29/21 11:00	04/29/21 23:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/29/21 11:00	04/29/21 23:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/29/21 11:00	04/29/21 23:26	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/29/21 11:00	04/29/21 23:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/29/21 11:00	04/29/21 23:26	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/29/21 11:00	04/29/21 23:26	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		04/29/21 11:00	04/29/21 23:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*04/29/21 11:00*	*04/29/21 23:26*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/29/21 11:00*	*04/29/21 23:26*	*1*

Lab Sample ID: LCS 880-2388/1-A
Matrix: Solid
Analysis Batch: 2471

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 2388

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			0.100	0.1030		mg/Kg		103	70 - 130		
Toluene			0.100	0.1040		mg/Kg		104	70 - 130		
Ethylbenzene			0.100	0.1066		mg/Kg		107	70 - 130		
m-Xylene & p-Xylene			0.200	0.2180		mg/Kg		109	70 - 130		
o-Xylene			0.100	0.1047		mg/Kg		105	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*

Lab Sample ID: LCSD 880-2388/2-A
Matrix: Solid
Analysis Batch: 2471

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 2388

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.100	0.1059		mg/Kg		106	70 - 130	3	35
Toluene			0.100	0.1072		mg/Kg		107	70 - 130	3	35
Ethylbenzene			0.100	0.1097		mg/Kg		110	70 - 130	3	35
m-Xylene & p-Xylene			0.200	0.2246		mg/Kg		112	70 - 130	3	35
o-Xylene			0.100	0.1091		mg/Kg		109	70 - 130	4	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*

Lab Sample ID: MB 880-2471/8
Matrix: Solid
Analysis Batch: 2471

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg			04/29/21 11:51	1

QC Sample Results

Client: WSP USA Inc.
Project/Site: Nash 206 H

Job ID: 890-583-1
SDG: TE012921037

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

Lab Sample ID: MB 880-2471/8
Matrix: Solid
Analysis Batch: 2471

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200		mg/Kg			04/29/21 11:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg			04/29/21 11:51	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg			04/29/21 11:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg			04/29/21 11:51	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg			04/29/21 11:51	1
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/29/21 11:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*04/29/21 11:51*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*		*04/29/21 11:51*	*1*

Lab Sample ID: MB 880-2477/5-A
Matrix: Solid
Analysis Batch: 2546

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 2477

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/29/21 10:35	04/30/21 14:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/29/21 10:35	04/30/21 14:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/29/21 10:35	04/30/21 14:43	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/29/21 10:35	04/30/21 14:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/29/21 10:35	04/30/21 14:43	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/29/21 10:35	04/30/21 14:43	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		04/29/21 10:35	04/30/21 14:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*75*		*70 - 130*	*04/29/21 10:35*	*04/30/21 14:43*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*04/29/21 10:35*	*04/30/21 14:43*	*1*

Lab Sample ID: LCS 880-2477/1-A
Matrix: Solid
Analysis Batch: 2546

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 2477

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			0.100	0.1084		mg/Kg		108	70 - 130		
Toluene			0.100	0.1020		mg/Kg		102	70 - 130		
Ethylbenzene			0.100	0.1163		mg/Kg		116	70 - 130		
m-Xylene & p-Xylene			0.200	0.2150		mg/Kg		107	70 - 130		
o-Xylene			0.100	0.1212		mg/Kg		121	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*

QC Sample Results

Client: WSP USA Inc.
Project/Site: Nash 206 H

Job ID: 890-583-1
SDG: TE012921037

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

Lab Sample ID: LCSD 880-2477/2-A
Matrix: Solid
Analysis Batch: 2546

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 2477

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.100	0.1091		mg/Kg		109	70 - 130	1	35
Toluene			0.100	0.1152		mg/Kg		115	70 - 130	12	35
Ethylbenzene			0.100	0.1154		mg/Kg		115	70 - 130	1	35
m-Xylene & p-Xylene			0.200	0.2092		mg/Kg		105	70 - 130	3	35
o-Xylene			0.100	0.1157		mg/Kg		116	70 - 130	5	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

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

Lab Sample ID: MB 880-2454/1-A
Matrix: Solid
Analysis Batch: 2421

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 2454

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/28/21 13:56	04/29/21 08:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/28/21 13:56	04/29/21 08:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/28/21 13:56	04/29/21 08:48	1
Total TPH	<50.0	U	50.0		mg/Kg		04/28/21 13:56	04/29/21 08:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*04/28/21 13:56*	*04/29/21 08:48*	*1*
o-Terphenyl	*102*		*70 - 130*	*04/28/21 13:56*	*04/29/21 08:48*	*1*

Lab Sample ID: LCS 880-2454/2-A
Matrix: Solid
Analysis Batch: 2421

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 2454

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	934.9		mg/Kg		93	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	846.9		mg/Kg		85	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*106*		*70 - 130*
o-Terphenyl	*95*		*70 - 130*

Lab Sample ID: LCSD 880-2454/3-A
Matrix: Solid
Analysis Batch: 2421

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 2454

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1012		mg/Kg		101	70 - 130	8	20

QC Sample Results

Client: WSP USA Inc.
Project/Site: Nash 206 H

Job ID: 890-583-1
SDG: TE012921037

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

Lab Sample ID: LCSD 880-2454/3-A
Matrix: Solid
Analysis Batch: 2421

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 2454

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics (Over C10-C28)			1000	864.4		mg/Kg		86	70 - 130	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*107*		*70 - 130*
o-Terphenyl	*96*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-2488/1-A
Matrix: Solid
Analysis Batch: 2512

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/29/21 21:46	1

Lab Sample ID: LCS 880-2488/2-A
Matrix: Solid
Analysis Batch: 2512

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			250	244.8		mg/Kg		98	90 - 110		

Lab Sample ID: LCSD 880-2488/3-A
Matrix: Solid
Analysis Batch: 2512

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	245.0		mg/Kg		98	90 - 110	0	20

Lab Sample ID: MB 880-2602/1-A
Matrix: Solid
Analysis Batch: 2647

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			05/04/21 04:17	1

Lab Sample ID: LCS 880-2602/2-A
Matrix: Solid
Analysis Batch: 2647

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			250	247.6		mg/Kg		99	90 - 110		

Lab Sample ID: LCSD 880-2602/3-A
Matrix: Solid
Analysis Batch: 2647

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	254.1		mg/Kg		102	90 - 110	3	20

QC Association Summary

Client: WSP USA Inc.
Project/Site: Nash 206 H

Job ID: 890-583-1
SDG: TE012921037

GC VOA

Prep Batch: 2388

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-583-1	SS01	Total/NA	Solid	5035	
MB 880-2388/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-2388/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-2388/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 2471

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-583-1	SS01	Total/NA	Solid	8021B	2388
MB 880-2388/5-A	Method Blank	Total/NA	Solid	8021B	2388
MB 880-2471/8	Method Blank	Total/NA	Solid	8021B	
LCS 880-2388/1-A	Lab Control Sample	Total/NA	Solid	8021B	2388
LCSD 880-2388/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	2388

Prep Batch: 2477

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-583-2	SS02	Total/NA	Solid	5035	
890-583-3	SS03	Total/NA	Solid	5035	
MB 880-2477/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-2477/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-2477/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 2546

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-583-2	SS02	Total/NA	Solid	8021B	2477
890-583-3	SS03	Total/NA	Solid	8021B	2477
MB 880-2477/5-A	Method Blank	Total/NA	Solid	8021B	2477
LCS 880-2477/1-A	Lab Control Sample	Total/NA	Solid	8021B	2477
LCSD 880-2477/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	2477

GC Semi VOA

Analysis Batch: 2421

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-583-1	SS01	Total/NA	Solid	8015B NM	2454
890-583-2	SS02	Total/NA	Solid	8015B NM	2454
890-583-3	SS03	Total/NA	Solid	8015B NM	2454
MB 880-2454/1-A	Method Blank	Total/NA	Solid	8015B NM	2454
LCS 880-2454/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	2454
LCSD 880-2454/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	2454

Prep Batch: 2454

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-583-1	SS01	Total/NA	Solid	8015NM Prep	
890-583-2	SS02	Total/NA	Solid	8015NM Prep	
890-583-3	SS03	Total/NA	Solid	8015NM Prep	
MB 880-2454/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-2454/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-2454/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: WSP USA Inc.
Project/Site: Nash 206 H

Job ID: 890-583-1
SDG: TE012921037

HPLC/IC

Leach Batch: 2488

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-583-3	SS03	Soluble	Solid	DI Leach	
MB 880-2488/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-2488/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-2488/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 2512

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-583-3	SS03	Soluble	Solid	300.0	2488
MB 880-2488/1-A	Method Blank	Soluble	Solid	300.0	2488
LCS 880-2488/2-A	Lab Control Sample	Soluble	Solid	300.0	2488
LCSD 880-2488/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	2488

Leach Batch: 2602

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-583-1	SS01	Soluble	Solid	DI Leach	
890-583-2	SS02	Soluble	Solid	DI Leach	
MB 880-2602/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-2602/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-2602/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 2647

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-583-1	SS01	Soluble	Solid	300.0	2602
890-583-2	SS02	Soluble	Solid	300.0	2602
MB 880-2602/1-A	Method Blank	Soluble	Solid	300.0	2602
LCS 880-2602/2-A	Lab Control Sample	Soluble	Solid	300.0	2602
LCSD 880-2602/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	2602

Lab Chronicle

Client: WSP USA Inc.
Project/Site: Nash 206 H

Job ID: 890-583-1
SDG: TE012921037

Client Sample ID: SS01
Date Collected: 04/27/21 10:31
Date Received: 04/27/21 13:17

Lab Sample ID: 890-583-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2388	04/29/21 11:00	KL	XM
Total/NA	Analysis	8021B		1	2471	04/30/21 07:31	MR	XM
Total/NA	Prep	8015NM Prep			2454	04/28/21 13:56	DM	XM
Total/NA	Analysis	8015B NM		1	2421	04/29/21 03:08	AJ	XM
Soluble	Leach	DI Leach			2602	05/03/21 08:47	CH	XM
Soluble	Analysis	300.0		20	2647	05/04/21 06:52	CH	XM

Client Sample ID: SS02
Date Collected: 04/27/21 10:36
Date Received: 04/27/21 13:17

Lab Sample ID: 890-583-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2477	04/29/21 10:35	MR	XM
Total/NA	Analysis	8021B		1	2546	04/30/21 23:46	MR	XM
Total/NA	Prep	8015NM Prep			2454	04/28/21 13:56	DM	XM
Total/NA	Analysis	8015B NM		1	2421	04/29/21 03:50	AJ	XM
Soluble	Leach	DI Leach			2602	05/03/21 08:47	CH	XM
Soluble	Analysis	300.0		20	2647	05/04/21 06:58	CH	XM

Client Sample ID: SS03
Date Collected: 04/27/21 10:42
Date Received: 04/27/21 13:17

Lab Sample ID: 890-583-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2477	04/29/21 10:35	MR	XM
Total/NA	Analysis	8021B		1	2546	05/01/21 00:12	MR	XM
Total/NA	Prep	8015NM Prep			2454	04/28/21 13:56	DM	XM
Total/NA	Analysis	8015B NM		1	2421	04/29/21 04:12	AJ	XM
Soluble	Leach	DI Leach			2488	04/29/21 11:24	SC	XM
Soluble	Analysis	300.0		1	2512	04/29/21 22:28	SC	XM

Laboratory References:

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

Accreditation/Certification Summary

Client: WSP USA Inc.
Project/Site: Nash 206 H

Job ID: 890-583-1
SDG: TE012921037

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: Nash 206 H

Job ID: 890-583-1
SDG: TE012921037

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: Nash 206 H

Job ID: 890-583-1
SDG: TE012921037

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-583-1	SS01	Solid	04/27/21 10:31	04/27/21 13:17	- 0.5
890-583-2	SS02	Solid	04/27/21 10:36	04/27/21 13:17	- 0.5
890-583-3	SS03	Solid	04/27/21 10:42	04/27/21 13:17	- 0.5

Chain of Custody

Work Order No: _____

XENCO LABORATORIES

Houston,TX (281) 240-4200 Dallas,TX (214) 902-0300 San Antonio,TX (210) 509-3334
Midland,TX (432-704-5440) EL Paso,TX (915)585-3443 Lubbock,TX (806)794-1296
Hobbs,NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta,GA (770-449-8800) Tampa,FL (813-620-2000)
www.xenco.com

Project Manager:	Dan Moir	Bill to: (if different)	Kyle Littrell
Company Name:	WSP Permian office	Company Name:	XTO Energy
Address:	3300 North A Street	Address:	3104 e Green Street
City, State ZIP:	Midland, Tx 79705	City, State ZIP:	Carlsbad, NM, 88220
Phone:	(432) 236-3849	Email:	Elliot.Lee@wsp.com, Tacoma.Morrissey@wsp.com

Work Order Comments

Program: UST/PST ☐ RP ☐ Brownfields ☐ RC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Nash 206H	Turn Around	
Project Number:	TE012921037	Routine	☑
P.O. Number:		Rush:	
Sampler's Name:	Elliot Lee	Due Date:	

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Temperature (°C):	3.4/3.2	Thermometer ID	CNM-007
Received Intact:	Yes No		
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2
Sample Custody Seals:	Yes No N/A	Total Containers:	

ANALYSIS REQUEST

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers	TPH (EPA 8015)	BTEX (EPA 8021)	Chloride (EPA 300.0)
SS01	S	4/27/2021	10:31	0.5	1	X	X	X
SS02	S	4/27/2021	10:36	0.5	1	X	X	X
SS03	S	4/27/2021	10:42	0.5	1	X	X	X

890-583 Chain of Custody

Work Order Notes

Cost Center 1653691001
Incident # NAPP2107748612

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

Sample Comments

SS01: Discrete
SS02: Discrete
SS03: Discrete

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 SiO2 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 **1631 / 245.1 / 7470 / 7471** : Hg

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of $75.00 will be applied to each project and a charge of $5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			2		
3			4		
5			6		

Revised Date 051418 Rev. 2018.1

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

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler	Lab PM: Kramer Jessica	Carrier Tracking No(s):	COC No: 890-187 1
Client Contact: Shipping/Receiving	Phone	E-Mail: jessica.kramer@eurofinset.com	State of Origin: New Mexico	Page: Page 1 of 1
Company: Eurofins Xenco		Accreditations Required (See note): NELAP - Louisiana NELAP - Texas		Job #: 890-583-1
Address: 1211 W Florida Ave,	Due Date Requested: 5/3/2021			
City: Midland	TAT Requested (days):			
State Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #:			
Email	WO #:			
Project Name: Nash 206 H	Project #: 89000004			
Site:	SSOW#:			

Analysis Requested

Preservation Codes

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Z	other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_NM/8015NM_S_Prep Full TPH	300_ORGFM_28D/DI_LEACH Chloride	8021B/5035FP_Calc BTEX	Total Number of containers	Special Instructions/Note
			Preservation Code:								
SS01 (890-583-1)	4/27/21	10 31 Mountain		Solid			X	X	X	1	
SS02 (890-583-2)	4/27/21	10 36 Mountain		Solid			X	X	X	1	
SS03 (890-583-3)	4/27/21	10 42 Mountain		Solid			X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Xenco LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said complicance to Eurofins Xenco LLC.

Possible Hazard Identification	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)***
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested I II III, IV Other (specify) Primary Deliverable Rank 2	Special Instructions/QC Requirements.

Empty Kit Relinquished by	Date	Time	Method of Shipment:

Relinquished by: Joe Cuff	Date/Time: 4.27.21	Company	Received by:	Date/Time: 4-28-21 1:00PM	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact. Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks.

Ver: 11/01/2020

Login Sample Receipt Checklist

Client: WSP USA Inc.

Job Number: 890-583-1
SDG Number: TE012921037

Login Number: 583
List Number: 1
Creator: Clifton, Cloe

List Source: Eurofins Carlsbad

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

Login Sample Receipt Checklist

Client: WSP USA Inc.

Job Number: 890-583-1
SDG Number: TE012921037

Login Number: 583
List Number: 2
Creator: Copeland, Tatiana

List Source: Eurofins Midland
List Creation: 04/28/21 01:13 PM

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	

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ANALYTICAL REPORT

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

Laboratory Job ID: 890-750-1
Laboratory Sample Delivery Group: TE012921037
Client Project/Site: Nash 206H

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

Attn: Dan Moir

JKramer

Authorized for release by:
6/8/2021 2:26:21 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: Nash 206H

Laboratory Job ID: 890-750-1
SDG: TE012921037

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Definitions/Glossary

Client: WSP USA Inc. Job ID: 890-750-1
Project/Site: Nash 206H SDG: TE012921037

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high 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

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.
Project/Site: Nash 206H

Job ID: 890-750-1
SDG: TE012921037

Job ID: 890-750-1

Laboratory: Eurofins Xenco, Carlsbad

Narrative

Job Narrative
890-750-1

Receipt
The samples were received on 6/2/2021 8:44 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.6°C

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

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

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

Client Sample Results

Client: WSP USA Inc.
Project/Site: Nash 206H

Job ID: 890-750-1
SDG: TE012921037

Client Sample ID: PH01

Date Collected: 06/01/21 10:20
Date Received: 06/02/21 08:44
Sample Depth: - 0.5

Lab Sample ID: 890-750-1
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/03/21 08:59	06/03/21 17:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/03/21 08:59	06/03/21 17:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/03/21 08:59	06/03/21 17:12	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/03/21 08:59	06/03/21 17:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/03/21 08:59	06/03/21 17:12	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/03/21 08:59	06/03/21 17:12	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		06/03/21 08:59	06/03/21 17:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*06/03/21 08:59*	*06/03/21 17:12*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*06/03/21 08:59*	*06/03/21 17:12*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/03/21 11:30	06/03/21 17:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/03/21 11:30	06/03/21 17:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/03/21 11:30	06/03/21 17:48	1
Total TPH	<49.9	U	49.9		mg/Kg		06/03/21 11:30	06/03/21 17:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*06/03/21 11:30*	*06/03/21 17:48*	*1*
o-Terphenyl	*98*		*70 - 130*	*06/03/21 11:30*	*06/03/21 17:48*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**473**		4.96		mg/Kg			06/07/21 16:41	1

Client Sample ID: PH01A

Date Collected: 06/01/21 10:50
Date Received: 06/02/21 08:44
Sample Depth: - 4

Lab Sample ID: 890-750-2
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/03/21 08:59	06/03/21 17:33	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/03/21 08:59	06/03/21 17:33	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/03/21 08:59	06/03/21 17:33	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/03/21 08:59	06/03/21 17:33	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/03/21 08:59	06/03/21 17:33	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/03/21 08:59	06/03/21 17:33	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		06/03/21 08:59	06/03/21 17:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*06/03/21 08:59*	*06/03/21 17:33*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*06/03/21 08:59*	*06/03/21 17:33*	*1*

Client Sample Results

Client: WSP USA Inc.
Project/Site: Nash 206H

Job ID: 890-750-1
SDG: TE012921037

Client Sample ID: PH01A

Lab Sample ID: 890-750-2
Matrix: Solid
Date Collected: 06/01/21 10:50
Date Received: 06/02/21 08:44
Sample Depth: - 4

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/03/21 11:30	06/03/21 18:09	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/03/21 11:30	06/03/21 18:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/03/21 11:30	06/03/21 18:09	1
Total TPH	<49.8	U	49.8		mg/Kg		06/03/21 11:30	06/03/21 18:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*06/03/21 11:30*	*06/03/21 18:09*	*1*
o-Terphenyl	*88*		*70 - 130*	*06/03/21 11:30*	*06/03/21 18:09*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**139**		4.97		mg/Kg			06/08/21 09:05	1

Client Sample ID: FS01

Lab Sample ID: 890-750-3
Matrix: Solid
Date Collected: 06/01/21 12:00
Date Received: 06/02/21 08:44
Sample Depth: - 2

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/03/21 08:59	06/03/21 17:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/03/21 08:59	06/03/21 17:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/03/21 08:59	06/03/21 17:53	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/03/21 08:59	06/03/21 17:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/03/21 08:59	06/03/21 17:53	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/03/21 08:59	06/03/21 17:53	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		06/03/21 08:59	06/03/21 17:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*06/03/21 08:59*	*06/03/21 17:53*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*06/03/21 08:59*	*06/03/21 17:53*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/03/21 11:30	06/03/21 18:29	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/03/21 11:30	06/03/21 18:29	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/03/21 11:30	06/03/21 18:29	1
Total TPH	<49.8	U	49.8		mg/Kg		06/03/21 11:30	06/03/21 18:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*06/03/21 11:30*	*06/03/21 18:29*	*1*
o-Terphenyl	*95*		*70 - 130*	*06/03/21 11:30*	*06/03/21 18:29*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**43.9**		5.00		mg/Kg			06/07/21 16:52	1

Client Sample Results

Client: WSP USA Inc.
Project/Site: Nash 206H

Job ID: 890-750-1
SDG: TE012921037

Client Sample ID: FS02

Lab Sample ID: 890-750-4
Matrix: Solid
Date Collected: 06/01/21 12:10
Date Received: 06/02/21 08:44
Sample Depth: - 2

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/03/21 08:59	06/03/21 18:13	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/03/21 08:59	06/03/21 18:13	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/03/21 08:59	06/03/21 18:13	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		06/03/21 08:59	06/03/21 18:13	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/03/21 08:59	06/03/21 18:13	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/03/21 08:59	06/03/21 18:13	1
Total BTEX	<0.00404	U	0.00404		mg/Kg		06/03/21 08:59	06/03/21 18:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*06/03/21 08:59*	*06/03/21 18:13*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*06/03/21 08:59*	*06/03/21 18:13*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/03/21 11:30	06/03/21 18:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/03/21 11:30	06/03/21 18:50	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/03/21 11:30	06/03/21 18:50	1
Total TPH	<49.9	U	49.9		mg/Kg		06/03/21 11:30	06/03/21 18:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*06/03/21 11:30*	*06/03/21 18:50*	*1*
o-Terphenyl	*88*		*70 - 130*	*06/03/21 11:30*	*06/03/21 18:50*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**47.5**		5.00		mg/Kg			06/08/21 09:10	1

Client Sample ID: FS03

Lab Sample ID: 890-750-5
Matrix: Solid
Date Collected: 06/01/21 12:30
Date Received: 06/02/21 08:44
Sample Depth: - 2

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/03/21 08:59	06/03/21 18:34	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/03/21 08:59	06/03/21 18:34	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/03/21 08:59	06/03/21 18:34	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/03/21 08:59	06/03/21 18:34	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/03/21 08:59	06/03/21 18:34	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/03/21 08:59	06/03/21 18:34	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		06/03/21 08:59	06/03/21 18:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*06/03/21 08:59*	*06/03/21 18:34*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*06/03/21 08:59*	*06/03/21 18:34*	*1*

Client Sample Results

Client: WSP USA Inc.
Project/Site: Nash 206H

Job ID: 890-750-1
SDG: TE012921037

Client Sample ID: FS03

Lab Sample ID: 890-750-5
Matrix: Solid
Date Collected: 06/01/21 12:30
Date Received: 06/02/21 08:44
Sample Depth: - 2

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/03/21 11:30	06/03/21 19:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/03/21 11:30	06/03/21 19:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/03/21 11:30	06/03/21 19:11	1
Total TPH	<49.9	U	49.9		mg/Kg		06/03/21 11:30	06/03/21 19:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*06/03/21 11:30*	*06/03/21 19:11*	*1*
o-Terphenyl	*99*		*70 - 130*	*06/03/21 11:30*	*06/03/21 19:11*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**229**		24.8		mg/Kg			06/07/21 17:03	5

Client Sample ID: FS04

Lab Sample ID: 890-750-6
Matrix: Solid
Date Collected: 06/01/21 14:45
Date Received: 06/02/21 08:44
Sample Depth: - 2

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/03/21 08:59	06/03/21 18:54	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/03/21 08:59	06/03/21 18:54	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/03/21 08:59	06/03/21 18:54	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/03/21 08:59	06/03/21 18:54	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/03/21 08:59	06/03/21 18:54	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/03/21 08:59	06/03/21 18:54	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		06/03/21 08:59	06/03/21 18:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*06/03/21 08:59*	*06/03/21 18:54*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*06/03/21 08:59*	*06/03/21 18:54*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/03/21 11:30	06/03/21 19:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/03/21 11:30	06/03/21 19:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/03/21 11:30	06/03/21 19:32	1
Total TPH	<49.9	U	49.9		mg/Kg		06/03/21 11:30	06/03/21 19:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*112*		*70 - 130*	*06/03/21 11:30*	*06/03/21 19:32*	*1*
o-Terphenyl	*102*		*70 - 130*	*06/03/21 11:30*	*06/03/21 19:32*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**243**		5.02		mg/Kg			06/07/21 17:19	1

Client Sample Results

Client: WSP USA Inc.
Project/Site: Nash 206H

Job ID: 890-750-1
SDG: TE012921037

Client Sample ID: FS05

Lab Sample ID: 890-750-7
Matrix: Solid
Date Collected: 06/01/21 14:50
Date Received: 06/02/21 08:44
Sample Depth: - 2

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/03/21 08:59	06/03/21 19:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/03/21 08:59	06/03/21 19:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/03/21 08:59	06/03/21 19:15	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/03/21 08:59	06/03/21 19:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/03/21 08:59	06/03/21 19:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/03/21 08:59	06/03/21 19:15	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		06/03/21 08:59	06/03/21 19:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*06/03/21 08:59*	*06/03/21 19:15*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*06/03/21 08:59*	*06/03/21 19:15*	*1*

Method: 8015B NM - Diesel Range Organics (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		06/03/21 11:30	06/03/21 20:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/03/21 11:30	06/03/21 20:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/03/21 11:30	06/03/21 20:13	1
Total TPH	<50.0	U	50.0		mg/Kg		06/03/21 11:30	06/03/21 20:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*133*	*S1+*	*70 - 130*	*06/03/21 11:30*	*06/03/21 20:13*	*1*
o-Terphenyl	*124*		*70 - 130*	*06/03/21 11:30*	*06/03/21 20:13*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**348**		25.3		mg/Kg			06/07/21 17:25	5

Client Sample ID: SW01

Lab Sample ID: 890-750-8
Matrix: Solid
Date Collected: 06/01/21 15:00
Date Received: 06/02/21 08:44
Sample Depth: 0 - 2

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/04/21 08:28	06/04/21 17:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/04/21 08:28	06/04/21 17:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/04/21 08:28	06/04/21 17:06	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/04/21 08:28	06/04/21 17:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/04/21 08:28	06/04/21 17:06	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/04/21 08:28	06/04/21 17:06	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		06/04/21 08:28	06/04/21 17:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*06/04/21 08:28*	*06/04/21 17:06*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*06/04/21 08:28*	*06/04/21 17:06*	*1*

Client Sample Results

Client: WSP USA Inc.
Project/Site: Nash 206H

Job ID: 890-750-1
SDG: TE012921037

Client Sample ID: SW01

Lab Sample ID: 890-750-8
Matrix: Solid
Date Collected: 06/01/21 15:00
Date Received: 06/02/21 08:44
Sample Depth: 0 - 2

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		06/03/21 11:30	06/03/21 20:34	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		06/03/21 11:30	06/03/21 20:34	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		06/03/21 11:30	06/03/21 20:34	1
Total TPH	<49.7	U	49.7		mg/Kg		06/03/21 11:30	06/03/21 20:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*06/03/21 11:30*	*06/03/21 20:34*	*1*
o-Terphenyl	*92*		*70 - 130*	*06/03/21 11:30*	*06/03/21 20:34*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**111**		5.04		mg/Kg			06/07/21 17:41	1

Client Sample ID: SW02

Lab Sample ID: 890-750-9
Matrix: Solid
Date Collected: 06/01/21 15:15
Date Received: 06/02/21 08:44
Sample Depth: 0 - 2

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/04/21 08:28	06/04/21 17:27	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/04/21 08:28	06/04/21 17:27	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/04/21 08:28	06/04/21 17:27	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/04/21 08:28	06/04/21 17:27	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/04/21 08:28	06/04/21 17:27	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/04/21 08:28	06/04/21 17:27	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		06/04/21 08:28	06/04/21 17:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*06/04/21 08:28*	*06/04/21 17:27*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*06/04/21 08:28*	*06/04/21 17:27*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/03/21 11:30	06/03/21 20:54	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/03/21 11:30	06/03/21 20:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/03/21 11:30	06/03/21 20:54	1
Total TPH	<49.8	U	49.8		mg/Kg		06/03/21 11:30	06/03/21 20:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*06/03/21 11:30*	*06/03/21 20:54*	*1*
o-Terphenyl	*88*		*70 - 130*	*06/03/21 11:30*	*06/03/21 20:54*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**118**		5.04		mg/Kg			06/07/21 17:47	1

Client Sample Results

Client: WSP USA Inc.
Project/Site: Nash 206H

Job ID: 890-750-1
SDG: TE012921037

Client Sample ID: FS06

Lab Sample ID: 890-750-10
Matrix: Solid
Date Collected: 06/01/21 15:30
Date Received: 06/02/21 08:44
Sample Depth: - 2

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/04/21 08:28	06/04/21 17:47	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/04/21 08:28	06/04/21 17:47	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/04/21 08:28	06/04/21 17:47	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/04/21 08:28	06/04/21 17:47	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/04/21 08:28	06/04/21 17:47	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/04/21 08:28	06/04/21 17:47	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		06/04/21 08:28	06/04/21 17:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*06/04/21 08:28*	*06/04/21 17:47*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*06/04/21 08:28*	*06/04/21 17:47*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		06/03/21 11:30	06/03/21 21:15	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		06/03/21 11:30	06/03/21 21:15	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		06/03/21 11:30	06/03/21 21:15	1
Total TPH	<49.7	U	49.7		mg/Kg		06/03/21 11:30	06/03/21 21:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*06/03/21 11:30*	*06/03/21 21:15*	*1*
o-Terphenyl	*87*		*70 - 130*	*06/03/21 11:30*	*06/03/21 21:15*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**37.6**		4.97		mg/Kg			06/07/21 17:52	1

Client Sample ID: SW03

Lab Sample ID: 890-750-11
Matrix: Solid
Date Collected: 06/01/21 16:00
Date Received: 06/02/21 08:44
Sample Depth: 0 - 2

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/04/21 08:28	06/04/21 18:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/04/21 08:28	06/04/21 18:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/04/21 08:28	06/04/21 18:08	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/04/21 08:28	06/04/21 18:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/04/21 08:28	06/04/21 18:08	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/04/21 08:28	06/04/21 18:08	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		06/04/21 08:28	06/04/21 18:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*06/04/21 08:28*	*06/04/21 18:08*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*06/04/21 08:28*	*06/04/21 18:08*	*1*

Client Sample Results

Client: WSP USA Inc.
Project/Site: Nash 206H

Job ID: 890-750-1
SDG: TE012921037

Client Sample ID: SW03

Date Collected: 06/01/21 16:00
Date Received: 06/02/21 08:44
Sample Depth: 0 - 2

Lab Sample ID: 890-750-11

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/03/21 11:30	06/03/21 21:36	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/03/21 11:30	06/03/21 21:36	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/03/21 11:30	06/03/21 21:36	1
Total TPH	<49.8	U	49.8		mg/Kg		06/03/21 11:30	06/03/21 21:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*06/03/21 11:30*	*06/03/21 21:36*	*1*
o-Terphenyl	*96*		*70 - 130*	*06/03/21 11:30*	*06/03/21 21:36*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**233**		24.8		mg/Kg			06/07/21 17:58	5

Surrogate Summary

Client: WSP USA Inc.
Project/Site: Nash 206H

Job ID: 890-750-1
SDG: TE012921037

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)
890-750-1	PH01	115	102
890-750-2	PH01A	110	101
890-750-3	FS01	107	100
890-750-4	FS02	112	96
890-750-5	FS03	115	100
890-750-6	FS04	106	98
890-750-7	FS05	106	96
890-750-8	SW01	111	100
890-750-9	SW02	121	102
890-750-10	FS06	117	99
890-750-11	SW03	123	102
LCS 880-3757/1-A	Lab Control Sample	111	102
LCS 880-3785/1-A	Lab Control Sample	105	94
LCSD 880-3757/2-A	Lab Control Sample Dup	111	104
LCSD 880-3785/2-A	Lab Control Sample Dup	104	97
MB 880-3757/5-A	Method Blank	84	95
MB 880-3785/5-A	Method Blank	112	94

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)
890-750-1	PH01	104	98
890-750-2	PH01A	94	88
890-750-3	FS01	103	95
890-750-4	FS02	98	88
890-750-5	FS03	107	99
890-750-6	FS04	112	102
890-750-7	FS05	133 S1+	124
890-750-8	SW01	102	92
890-750-9	SW02	97	88
890-750-10	FS06	96	87
890-750-11	SW03	104	96
LCS 880-3764/2-A	Lab Control Sample	104	98
LCSD 880-3764/3-A	Lab Control Sample Dup	93	85
MB 880-3764/1-A	Method Blank	101	100

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: WSP USA Inc.
Project/Site: Nash 206H

Job ID: 890-750-1
SDG: TE012921037

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-3757/5-A
Matrix: Solid
Analysis Batch: 3760

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3757

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/03/21 08:59	06/03/21 12:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/03/21 08:59	06/03/21 12:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/03/21 08:59	06/03/21 12:15	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/03/21 08:59	06/03/21 12:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/03/21 08:59	06/03/21 12:15	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/03/21 08:59	06/03/21 12:15	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		06/03/21 08:59	06/03/21 12:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*	*06/03/21 08:59*	*06/03/21 12:15*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*06/03/21 08:59*	*06/03/21 12:15*	*1*

Lab Sample ID: LCS 880-3757/1-A
Matrix: Solid
Analysis Batch: 3760

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3757

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			0.100	0.09094		mg/Kg		91	70 - 130		
Toluene			0.100	0.08917		mg/Kg		89	70 - 130		
Ethylbenzene			0.100	0.09572		mg/Kg		96	70 - 130		
m-Xylene & p-Xylene			0.200	0.2034		mg/Kg		102	70 - 130		
o-Xylene			0.100	0.1020		mg/Kg		102	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 880-3757/2-A
Matrix: Solid
Analysis Batch: 3760

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 3757

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.100	0.09334		mg/Kg		93	70 - 130	3	35
Toluene			0.100	0.09134		mg/Kg		91	70 - 130	2	35
Ethylbenzene			0.100	0.09707		mg/Kg		97	70 - 130	1	35
m-Xylene & p-Xylene			0.200	0.2070		mg/Kg		103	70 - 130	2	35
o-Xylene			0.100	0.1039		mg/Kg		104	70 - 130	2	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: MB 880-3785/5-A
Matrix: Solid
Analysis Batch: 3786

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3785

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/04/21 08:28	06/04/21 11:43	1

QC Sample Results

Client: WSP USA Inc.
Project/Site: Nash 206H

Job ID: 890-750-1
SDG: TE012921037

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

Lab Sample ID: MB 880-3785/5-A
Matrix: Solid
Analysis Batch: 3786

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3785

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200		mg/Kg		06/04/21 08:28	06/04/21 11:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/04/21 08:28	06/04/21 11:43	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/04/21 08:28	06/04/21 11:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/04/21 08:28	06/04/21 11:43	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/04/21 08:28	06/04/21 11:43	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		06/04/21 08:28	06/04/21 11:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*06/04/21 08:28*	*06/04/21 11:43*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*06/04/21 08:28*	*06/04/21 11:43*	*1*

Lab Sample ID: LCS 880-3785/1-A
Matrix: Solid
Analysis Batch: 3786

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3785

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			0.100	0.08428		mg/Kg		84	70 - 130		
Toluene			0.100	0.1080		mg/Kg		108	70 - 130		
Ethylbenzene			0.100	0.1116		mg/Kg		112	70 - 130		
m-Xylene & p-Xylene			0.200	0.2307		mg/Kg		115	70 - 130		
o-Xylene			0.100	0.1161		mg/Kg		116	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

Lab Sample ID: LCSD 880-3785/2-A
Matrix: Solid
Analysis Batch: 3786

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 3785

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.100	0.09248		mg/Kg		92	70 - 130	9	35
Toluene			0.100	0.1037		mg/Kg		104	70 - 130	4	35
Ethylbenzene			0.100	0.1074		mg/Kg		107	70 - 130	4	35
m-Xylene & p-Xylene			0.200	0.2207		mg/Kg		110	70 - 130	4	35
o-Xylene			0.100	0.1102		mg/Kg		110	70 - 130	5	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

QC Sample Results

Client: WSP USA Inc.
Project/Site: Nash 206H

Job ID: 890-750-1
SDG: TE012921037

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

Lab Sample ID: MB 880-3764/1-A
Matrix: Solid
Analysis Batch: 3762

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3764

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/03/21 09:22	06/03/21 14:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/03/21 09:22	06/03/21 14:43	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/03/21 09:22	06/03/21 14:43	1
Total TPH	<50.0	U	50.0		mg/Kg		06/03/21 09:22	06/03/21 14:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*06/03/21 09:22*	*06/03/21 14:43*	*1*
o-Terphenyl	*100*		*70 - 130*	*06/03/21 09:22*	*06/03/21 14:43*	*1*

Lab Sample ID: LCS 880-3764/2-A
Matrix: Solid
Analysis Batch: 3762

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3764

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	835.7		mg/Kg		84	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	971.8		mg/Kg		97	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*104*		*70 - 130*
o-Terphenyl	*98*		*70 - 130*

Lab Sample ID: LCSD 880-3764/3-A
Matrix: Solid
Analysis Batch: 3762

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 3764

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	938.3		mg/Kg		94	70 - 130	12	20
Diesel Range Organics (Over C10-C28)			1000	954.4		mg/Kg		95	70 - 130	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*93*		*70 - 130*
o-Terphenyl	*85*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-3792/1-A
Matrix: Solid
Analysis Batch: 3857

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			06/07/21 15:30	1

QC Sample Results

Client: WSP USA Inc.
Project/Site: Nash 206H

Job ID: 890-750-1
SDG: TE012921037

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-3792/2-A
Matrix: Solid
Analysis Batch: 3857

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			250	241.9		mg/Kg		97	90 - 110		

Lab Sample ID: LCSD 880-3792/3-A
Matrix: Solid
Analysis Batch: 3857

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	242.4		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 890-750-5 MS
Matrix: Solid
Analysis Batch: 3857

Client Sample ID: FS03
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	229		1240	1473		mg/Kg		100	90 - 110		

Lab Sample ID: 890-750-5 MSD
Matrix: Solid
Analysis Batch: 3857

Client Sample ID: FS03
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	229		1240	1461		mg/Kg		99	90 - 110	1	20

QC Association Summary

Client: WSP USA Inc.
Project/Site: Nash 206H

Job ID: 890-750-1
SDG: TE012921037

GC VOA

Prep Batch: 3757

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-750-1	PH01	Total/NA	Solid	5035	
890-750-2	PH01A	Total/NA	Solid	5035	
890-750-3	FS01	Total/NA	Solid	5035	
890-750-4	FS02	Total/NA	Solid	5035	
890-750-5	FS03	Total/NA	Solid	5035	
890-750-6	FS04	Total/NA	Solid	5035	
890-750-7	FS05	Total/NA	Solid	5035	
MB 880-3757/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-3757/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-3757/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 3760

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-750-1	PH01	Total/NA	Solid	8021B	3757
890-750-2	PH01A	Total/NA	Solid	8021B	3757
890-750-3	FS01	Total/NA	Solid	8021B	3757
890-750-4	FS02	Total/NA	Solid	8021B	3757
890-750-5	FS03	Total/NA	Solid	8021B	3757
890-750-6	FS04	Total/NA	Solid	8021B	3757
890-750-7	FS05	Total/NA	Solid	8021B	3757
MB 880-3757/5-A	Method Blank	Total/NA	Solid	8021B	3757
LCS 880-3757/1-A	Lab Control Sample	Total/NA	Solid	8021B	3757
LCSD 880-3757/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	3757

Prep Batch: 3785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-750-8	SW01	Total/NA	Solid	5035	
890-750-9	SW02	Total/NA	Solid	5035	
890-750-10	FS06	Total/NA	Solid	5035	
890-750-11	SW03	Total/NA	Solid	5035	
MB 880-3785/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-3785/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-3785/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 3786

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-750-8	SW01	Total/NA	Solid	8021B	3785
890-750-9	SW02	Total/NA	Solid	8021B	3785
890-750-10	FS06	Total/NA	Solid	8021B	3785
890-750-11	SW03	Total/NA	Solid	8021B	3785
MB 880-3785/5-A	Method Blank	Total/NA	Solid	8021B	3785
LCS 880-3785/1-A	Lab Control Sample	Total/NA	Solid	8021B	3785
LCSD 880-3785/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	3785

GC Semi VOA

Analysis Batch: 3762

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-750-1	PH01	Total/NA	Solid	8015B NM	3764
890-750-2	PH01A	Total/NA	Solid	8015B NM	3764
890-750-3	FS01	Total/NA	Solid	8015B NM	3764

QC Association Summary

Client: WSP USA Inc.
Project/Site: Nash 206H

Job ID: 890-750-1
SDG: TE012921037

GC Semi VOA (Continued)

Analysis Batch: 3762 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-750-4	FS02	Total/NA	Solid	8015B NM	3764
890-750-5	FS03	Total/NA	Solid	8015B NM	3764
890-750-6	FS04	Total/NA	Solid	8015B NM	3764
890-750-7	FS05	Total/NA	Solid	8015B NM	3764
890-750-8	SW01	Total/NA	Solid	8015B NM	3764
890-750-9	SW02	Total/NA	Solid	8015B NM	3764
890-750-10	FS06	Total/NA	Solid	8015B NM	3764
890-750-11	SW03	Total/NA	Solid	8015B NM	3764
MB 880-3764/1-A	Method Blank	Total/NA	Solid	8015B NM	3764
LCS 880-3764/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	3764
LCSD 880-3764/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	3764

Prep Batch: 3764

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-750-1	PH01	Total/NA	Solid	8015NM Prep	
890-750-2	PH01A	Total/NA	Solid	8015NM Prep	
890-750-3	FS01	Total/NA	Solid	8015NM Prep	
890-750-4	FS02	Total/NA	Solid	8015NM Prep	
890-750-5	FS03	Total/NA	Solid	8015NM Prep	
890-750-6	FS04	Total/NA	Solid	8015NM Prep	
890-750-7	FS05	Total/NA	Solid	8015NM Prep	
890-750-8	SW01	Total/NA	Solid	8015NM Prep	
890-750-9	SW02	Total/NA	Solid	8015NM Prep	
890-750-10	FS06	Total/NA	Solid	8015NM Prep	
890-750-11	SW03	Total/NA	Solid	8015NM Prep	
MB 880-3764/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-3764/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-3764/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

HPLC/IC

Leach Batch: 3792

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-750-1	PH01	Soluble	Solid	DI Leach	
890-750-2	PH01A	Soluble	Solid	DI Leach	
890-750-3	FS01	Soluble	Solid	DI Leach	
890-750-4	FS02	Soluble	Solid	DI Leach	
890-750-5	FS03	Soluble	Solid	DI Leach	
890-750-6	FS04	Soluble	Solid	DI Leach	
890-750-7	FS05	Soluble	Solid	DI Leach	
890-750-8	SW01	Soluble	Solid	DI Leach	
890-750-9	SW02	Soluble	Solid	DI Leach	
890-750-10	FS06	Soluble	Solid	DI Leach	
890-750-11	SW03	Soluble	Solid	DI Leach	
MB 880-3792/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-3792/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-3792/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-750-5 MS	FS03	Soluble	Solid	DI Leach	
890-750-5 MSD	FS03	Soluble	Solid	DI Leach	

QC Association Summary

Client: WSP USA Inc.
Project/Site: Nash 206H

Job ID: 890-750-1
SDG: TE012921037

HPLC/IC

Analysis Batch: 3857

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-750-1	PH01	Soluble	Solid	300.0	3792
890-750-2	PH01A	Soluble	Solid	300.0	3792
890-750-3	FS01	Soluble	Solid	300.0	3792
890-750-4	FS02	Soluble	Solid	300.0	3792
890-750-5	FS03	Soluble	Solid	300.0	3792
890-750-6	FS04	Soluble	Solid	300.0	3792
890-750-7	FS05	Soluble	Solid	300.0	3792
890-750-8	SW01	Soluble	Solid	300.0	3792
890-750-9	SW02	Soluble	Solid	300.0	3792
890-750-10	FS06	Soluble	Solid	300.0	3792
890-750-11	SW03	Soluble	Solid	300.0	3792
MB 880-3792/1-A	Method Blank	Soluble	Solid	300.0	3792
LCS 880-3792/2-A	Lab Control Sample	Soluble	Solid	300.0	3792
LCSD 880-3792/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	3792
890-750-5 MS	FS03	Soluble	Solid	300.0	3792
890-750-5 MSD	FS03	Soluble	Solid	300.0	3792

Lab Chronicle

Client: WSP USA Inc.
Project/Site: Nash 206H

Job ID: 890-750-1
SDG: TE012921037

Client Sample ID: PH01

Lab Sample ID: 890-750-1
Matrix: Solid
Date Collected: 06/01/21 10:20
Date Received: 06/02/21 08:44

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3757	06/03/21 08:59	KL	XEN MID
Total/NA	Analysis	8021B		1	3760	06/03/21 17:12	KL	XEN MID
Total/NA	Prep	8015NM Prep			3764	06/03/21 11:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1	3762	06/03/21 17:48	AM	XEN MID
Soluble	Leach	DI Leach			3792	06/04/21 09:44	CH	XEN MID
Soluble	Analysis	300.0		1	3857	06/07/21 16:41	CH	XEN MID

Client Sample ID: PH01A

Lab Sample ID: 890-750-2
Matrix: Solid
Date Collected: 06/01/21 10:50
Date Received: 06/02/21 08:44

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3757	06/03/21 08:59	KL	XEN MID
Total/NA	Analysis	8021B		1	3760	06/03/21 17:33	KL	XEN MID
Total/NA	Prep	8015NM Prep			3764	06/03/21 11:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1	3762	06/03/21 18:09	AM	XEN MID
Soluble	Leach	DI Leach			3792	06/04/21 09:44	CH	XEN MID
Soluble	Analysis	300.0		1	3857	06/08/21 09:05	CH	XEN MID

Client Sample ID: FS01

Lab Sample ID: 890-750-3
Matrix: Solid
Date Collected: 06/01/21 12:00
Date Received: 06/02/21 08:44

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3757	06/03/21 08:59	KL	XEN MID
Total/NA	Analysis	8021B		1	3760	06/03/21 17:53	KL	XEN MID
Total/NA	Prep	8015NM Prep			3764	06/03/21 11:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1	3762	06/03/21 18:29	AM	XEN MID
Soluble	Leach	DI Leach			3792	06/04/21 09:44	CH	XEN MID
Soluble	Analysis	300.0		1	3857	06/07/21 16:52	CH	XEN MID

Client Sample ID: FS02

Lab Sample ID: 890-750-4
Matrix: Solid
Date Collected: 06/01/21 12:10
Date Received: 06/02/21 08:44

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3757	06/03/21 08:59	KL	XEN MID
Total/NA	Analysis	8021B		1	3760	06/03/21 18:13	KL	XEN MID
Total/NA	Prep	8015NM Prep			3764	06/03/21 11:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1	3762	06/03/21 18:50	AM	XEN MID
Soluble	Leach	DI Leach			3792	06/04/21 09:44	CH	XEN MID
Soluble	Analysis	300.0		1	3857	06/08/21 09:10	CH	XEN MID

Lab Chronicle

Client: WSP USA Inc.
Project/Site: Nash 206H

Job ID: 890-750-1
SDG: TE012921037

Client Sample ID: FS03
Date Collected: 06/01/21 12:30
Date Received: 06/02/21 08:44

Lab Sample ID: 890-750-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3757	06/03/21 08:59	KL	XEN MID
Total/NA	Analysis	8021B		1	3760	06/03/21 18:34	KL	XEN MID
Total/NA	Prep	8015NM Prep			3764	06/03/21 11:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1	3762	06/03/21 19:11	AM	XEN MID
Soluble	Leach	DI Leach			3792	06/04/21 09:44	CH	XEN MID
Soluble	Analysis	300.0		5	3857	06/07/21 17:03	CH	XEN MID

Client Sample ID: FS04
Date Collected: 06/01/21 14:45
Date Received: 06/02/21 08:44

Lab Sample ID: 890-750-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3757	06/03/21 08:59	KL	XEN MID
Total/NA	Analysis	8021B		1	3760	06/03/21 18:54	KL	XEN MID
Total/NA	Prep	8015NM Prep			3764	06/03/21 11:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1	3762	06/03/21 19:32	AM	XEN MID
Soluble	Leach	DI Leach			3792	06/04/21 09:44	CH	XEN MID
Soluble	Analysis	300.0		1	3857	06/07/21 17:19	CH	XEN MID

Client Sample ID: FS05
Date Collected: 06/01/21 14:50
Date Received: 06/02/21 08:44

Lab Sample ID: 890-750-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3757	06/03/21 08:59	KL	XEN MID
Total/NA	Analysis	8021B		1	3760	06/03/21 19:15	KL	XEN MID
Total/NA	Prep	8015NM Prep			3764	06/03/21 11:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1	3762	06/03/21 20:13	AM	XEN MID
Soluble	Leach	DI Leach			3792	06/04/21 09:44	CH	XEN MID
Soluble	Analysis	300.0		5	3857	06/07/21 17:25	CH	XEN MID

Client Sample ID: SW01
Date Collected: 06/01/21 15:00
Date Received: 06/02/21 08:44

Lab Sample ID: 890-750-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3785	06/04/21 08:28	MR	XEN MID
Total/NA	Analysis	8021B		1	3786	06/04/21 17:06	MR	XEN MID
Total/NA	Prep	8015NM Prep			3764	06/03/21 11:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1	3762	06/03/21 20:34	AM	XEN MID
Soluble	Leach	DI Leach			3792	06/04/21 09:44	CH	XEN MID
Soluble	Analysis	300.0		1	3857	06/07/21 17:41	CH	XEN MID

Lab Chronicle

Client: WSP USA Inc.
Project/Site: Nash 206H

Job ID: 890-750-1
SDG: TE012921037

Client Sample ID: SW02

Lab Sample ID: 890-750-9

Date Collected: 06/01/21 15:15
Matrix: Solid
Date Received: 06/02/21 08:44

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3785	06/04/21 08:28	MR	XEN MID
Total/NA	Analysis	8021B		1	3786	06/04/21 17:27	MR	XEN MID
Total/NA	Prep	8015NM Prep			3764	06/03/21 11:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1	3762	06/03/21 20:54	AM	XEN MID
Soluble	Leach	DI Leach			3792	06/04/21 09:44	CH	XEN MID
Soluble	Analysis	300.0		1	3857	06/07/21 17:47	CH	XEN MID

Client Sample ID: FS06

Lab Sample ID: 890-750-10

Date Collected: 06/01/21 15:30
Matrix: Solid
Date Received: 06/02/21 08:44

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3785	06/04/21 08:28	MR	XEN MID
Total/NA	Analysis	8021B		1	3786	06/04/21 17:47	MR	XEN MID
Total/NA	Prep	8015NM Prep			3764	06/03/21 11:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1	3762	06/03/21 21:15	AM	XEN MID
Soluble	Leach	DI Leach			3792	06/04/21 09:44	CH	XEN MID
Soluble	Analysis	300.0		1	3857	06/07/21 17:52	CH	XEN MID

Client Sample ID: SW03

Lab Sample ID: 890-750-11

Date Collected: 06/01/21 16:00
Matrix: Solid
Date Received: 06/02/21 08:44

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3785	06/04/21 08:28	MR	XEN MID
Total/NA	Analysis	8021B		1	3786	06/04/21 18:08	MR	XEN MID
Total/NA	Prep	8015NM Prep			3764	06/03/21 11:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1	3762	06/03/21 21:36	AM	XEN MID
Soluble	Leach	DI Leach			3792	06/04/21 09:44	CH	XEN MID
Soluble	Analysis	300.0		5	3857	06/07/21 17:58	CH	XEN MID

Laboratory References:

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

Accreditation/Certification Summary

Client: WSP USA Inc. Job ID: 890-750-1
Project/Site: Nash 206H SDG: TE012921037

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: Nash 206H

Job ID: 890-750-1
SDG: TE012921037

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
8015B 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.

Laboratory References:

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

Sample Summary

Client: WSP USA Inc.
Project/Site: Nash 206H

Job ID: 890-750-1
SDG: TE012921037

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-750-1	PH01	Solid	06/01/21 10:20	06/02/21 08:44	- 0.5
890-750-2	PH01A	Solid	06/01/21 10:50	06/02/21 08:44	- 4
890-750-3	FS01	Solid	06/01/21 12:00	06/02/21 08:44	- 2
890-750-4	FS02	Solid	06/01/21 12:10	06/02/21 08:44	- 2
890-750-5	FS03	Solid	06/01/21 12:30	06/02/21 08:44	- 2
890-750-6	FS04	Solid	06/01/21 14:45	06/02/21 08:44	- 2
890-750-7	FS05	Solid	06/01/21 14:50	06/02/21 08:44	- 2
890-750-8	SW01	Solid	06/01/21 15:00	06/02/21 08:44	0 - 2
890-750-9	SW02	Solid	06/01/21 15:15	06/02/21 08:44	0 - 2
890-750-10	FS06	Solid	06/01/21 15:30	06/02/21 08:44	- 2
890-750-11	SW03	Solid	06/01/21 16:00	06/02/21 08:44	0 - 2

Chain of Custody

XENCO LABORATORIES

Houston,TX (281) 240-4200 Dallas,TX (214) 902-0300 San Antonio,TX (210) 509-3334
Midland,TX (432-704-5440) EL Paso,TX (915)585-3443 Lubbock,TX (806)794-1296
Hobbs,NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta,GA (770-449-8800) Tampa,FL (813-620-2000)

Work Order No: _____

www.xenco.com Page 1 of 2

Project Manager:	Dan Moir	Bill to: (if different)	Kyle Littrell
Company Name:	LT Environmental, Inc., Permian office	Company Name:	XTO Energy
Address:	3300 North A Street	Address:	3104 E Green Street
City, State ZIP:	Midland, TX 79705	City, State ZIP:	Carlsbad, NM 88220
Phone:	432.236.3849	Email:	bbelill@ltenv.com

Work Order Comments

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

Project Name:	Nash 206H	Turn Around	
Project Number:	TE012921037	Routine	☑
P.O. Number:	NAPP2107748612	Rush:	
Sampler's Name:	Benjamin Belill	Due Date:	

SAMPLE RECEIPT				
Temp Blank:	(Yes) No	Wet Ice:	(Yes) No	
Temperature (°C):	4.8/4.6	Thermometer ID		
Received Intact:	(Yes) No		IR-007	
Cooler Custody Seals:	Yes (No) N/A	Correction Factor:	-0.2	
Sample Custody Seals:	Yes (No) N/A	Total Containers:		

890-750 Chain of Custody

Work Order Notes

Cost Center: 1653691001
AFE: DD.2016.05557.CAP.CMB.01

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

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers	TPH (EPA 8015)	BTEX (EPA 8021)	Chloride (EPA 300.0)	Sample Comments
PH01	S	6/1/21	1020	0.5'	1	X	X	X	
PH01A			1050	4'					
FS01			1200	2'					
FS02			1210	2'					
FS03			1230	2'					
FS04			1445	2'					
FS05			1450	2'					
SW01			1500	0-2'					
SW02			1515	0-2'					
FS06	↓	↓	1530	2'	↓	↓	↓	↓	

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 SiO2 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 **1631 / 245.1 / 7470 / 7471** : Hg

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of $75.00 will be applied to each project and a charge of $5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 BJ Belill	Cece Cuba	6.2.21 0844	2		
3			4		
5			6		

Revised Date 051418 Rev. 2018.1

Chain of Custody

Work Order No: _____

XENCO LABORATORIES
Houston,TX (281) 240-4200 Dallas,TX (214) 902-0300 San Antonio,TX (210) 509-3334
Midland,TX (432-704-5440) EL Paso,TX (915)585-3443 Lubbock,TX (806)794-1296
Hobbs,NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta,GA (770-449-8800) Tampa,FL (813-620-2000)
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Page 2 of 2

Project Manager:	Dan Moir	Bill to: (if different)	Kyle Littrell
Company Name:	LT Environmental, Inc., Permian office	Company Name:	XTO Energy
Address:	3300 North A Street	Address:	3104 E Green Street
City, State ZIP:	Midland, TX 79705	City, State ZIP:	Carlsbad, NM 88220
Phone:	432.236.3849	Email:	bbelill@ltenv.com

Work Order Comments

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

Project Name:	Nash 206H	Turn Around	
Project Number:	TE01292 1037	Routine	☑
P.O. Number:	NAPP2107748612	Rush:	
Sampler's Name:	Benjamin Belill	Due Date:	

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Temperature (°C):		Thermometer ID		
Received Intact:	Yes No			
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Total Containers:		

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers	TPH (EPA 8015)	BTEX (EPA 0=8021)	Chloride (EPA 300.0)
SW03	S	6/1/21	1600	0-2'	1	X	X	X

ANALYSIS REQUEST

Work Order Notes

Cost Center:
1653691001
AFE:
DD.2016.05557.CAP.CMP.01

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

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 SiO2 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 **1631 / 245.1 / 7470 / 7471** : Hg

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			2		
3			4		
5			6		

Revised Date 051418 Rev. 2018.1

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kramer Jessica	Carrier Tracking No(s):	COC No: 890-246 1
Client Contact: Shipping/Receiving	Phone:	E-Mail: jessica kramer@eurofinset.com	State of Origin: New Mexico	Page: Page 1 of 2
Company: Eurofins Xenco		Accreditations Required (See note): NELAP - Louisiana NELAP - Texas		Job #: 890-750-1
Address: 1211 W Florida Ave,	Due Date Requested: 6/8/2021			
City: Midland	TAT Requested (days):			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #:			
Email	WO #:			
Project Name: Nash 206H	Project #: 89000004			
Site:	SSOW#:			

Analysis Requested

Preservation Codes

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Z	other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_NM/8016NM_S_Prep Full TPH	300_ORGFM_28D/DI_LEACH Chloride	8021B/5035FP_Calc BTEX	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
PH01 (890-750-1)	6/1/21	10 20 Mountain		Solid			X	X	X	1	
PH01A (890-750-2)	6/1/21	10 50 Mountain		Solid			X	X	X	1	
FS01 (890-750-3)	6/1/21	12 00 Mountain		Solid			X	X	X	1	
FS02 (890-750-4)	6/1/21	12 10 Mountain		Solid			X	X	X	1	
FS03 (890-750-5)	6/1/21	12 30 Mountain		Solid			X	X	X	1	
FS04 (890-750-6)	6/1/21	14 45 Mountain		Solid			X	X	X	1	
FS05 (890-750-7)	6/1/21	14 50 Mountain		Solid			X	X	X	1	
SW01 (890-750-8)	6/1/21	15 00 Mountain		Solid			X	X	X	1	
SW02 (890-750-9)	6/1/21	15 15 Mountain		Solid			X	X	X	1	

Note Since laboratory accreditations are subject to change, Eurofins Xenco LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins Xenco LLC

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested I II III IV Other (specify) Primary Deliverable Rank 2	Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date	Time	Method of Shipment:

Relinquished by: Gabriel Drabner	Date/Time: 6/2/21	Company	Received by:	Date/Time: 6-3-21 11:00am	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact. Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks:

Ver: 11/01/2020

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler	Lab PM: Kramer, Jessica	Carrier Tracking No(s)	COC No: 890-246 2
Client Contact: Shipping/Receiving	Phone	E-Mail: jessica kramer@eurofinset com	State of Origin: New Mexico	Page: Page 2 of 2
Company: Eurofins Xenco		Accreditations Required (See note): NELAP - Louisiana NELAP - Texas		Job #: 890-750-1
Address: 1211 W Florida Ave	Due Date Requested: 6/8/2021			
City: Midland	TAT Requested (days):			
State, Zip: TX 79701				
Phone: 432-704-5440(Tel)	PO #:			
Email	WO #:			
Project Name: Nash 206H	Project #: 89000004			
Site	SSOW#:			

Analysis Requested

Preservation Codes

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Z	other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8016MOD_NM/8016NM_S_Prep Full TPH	300_ORGFM_28D/DI_LEACH Chloride	8021B/5035FP_Calc BTEX	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
FS06 (890-750-10)	6/1/21	15 30 Mountain		Solid			X	X	X	1	
SW03 (890-750-11)	6/1/21	16 00 Mountain		Solid			X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Xenco LLC places the ownership of method analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins Xenco LLC

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested I, II III IV Other (specify) Primary Deliverable Rank 2	Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

Relinquished by: Gabby Ordaner	Date/Time: 6/2/21	Company	Received by:	Date/Time: 6-3-21 11:00am	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company

Custody Seals Intact	Custody Seal No	Cooler Temperature(s) °C and Other Remarks.
Δ Yes Δ No		

Ver: 11/01/2020

Login Sample Receipt Checklist

Client: WSP USA Inc.

Job Number: 890-750-1
SDG Number: TE012921037

Login Number: 750
List Number: 1
Creator: Clifton, Cloe

List Source: Eurofins Xenco, 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: 890-750-1
SDG Number: TE012921037

Login Number: 750
List Number: 2
Creator: Copeland, Tatiana

List Source: Eurofins Xenco, Midland
List Creation: 06/03/21 11:09 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	

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 45056

CONDITIONS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 45056
	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 #NAPP2107748612 NASH 206H WELL PAD, thank you. This closure is approved.	11/24/2021