

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	NRM2030042354
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	XTO Energy	OGRID	5380
Contact Name	Kyle Littrell	Contact Telephone	432-221-7331
Contact email	Kyle_Littrell@xtoenergy.com	Incident #	(assigned by OCD)
Contact mailing address	522 W. Mermod, Carlsbad, NM 88220		

Location of Release Source

Latitude 32.15083 Longitude -103.97126
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Corral Canyon 10 East	Site Type	Tank Battery
Date Release Discovered	10-07-2020	API#	(if applicable)

Unit Letter	Section	Township	Range	County
B	10	25S	29E	Eddy

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

Nature and Volume of Release

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

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) 30.12	Volume Recovered (bbls) 25
	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 LO found a leak at the Corral Canyon 10 East battery. A ½" nipple on the bleeder connection had broken off at the weld-o-let due to internal corrosion. Vacuum truck was dispatched and recovered all standing fluid. A third-party contractor has been retained for remediation activities.

Incident ID	NRM2030042354
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? A release greater than or equal to 25 barrels.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Yes, by Adrian Baker to Hamlet, Robert, EMNRD'; 'Bratcher, Mike, EMNRD'; 'Venegas, Victoria, EMNRD'; 'Griswold, Jim, EMNRD'; 'Morgan, Crisha A'; 'CFO_Spill, BLM_NM' on Wednesday, October 7, 2020 2:52 PM via email.	

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 <u>not</u> 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: <u>Kyle Littrell</u>	Title: <u>SH&E Supervisor</u>
Signature: <u></u>	Date: <u>10-21-20</u>
email: <u>Kyle_Littrell@xtoenergy.com</u>	Telephone: <u>432-221-7331</u>
<u>OCD Only</u>	
Received by: <u>Ramona Marcus</u>	Date: <u>10/26/2020</u>

NRM2030042354

Location:	Corral Canyon 10 East	
Spill Date:	10/7/2020	
Area 1		
Approximate Area =	6574.00	sq. ft.
Average Saturation (or depth) of spill =	1.00	inches
Average Porosity Factor =	0.03	
VOLUME OF LEAK		
Total Produced Water =	27.93	bbls
Area 2		
Approximate Area =	9815.00	sq. ft.
Average Saturation (or depth) of spill =	0.50	inches
Average Porosity Factor =	0.03	
VOLUME OF LEAK		
Total Produced Water =	2.19	bbls
TOTAL VOLUME OF LEAK		
Total Produced Water =	30.12	bbls
TOTAL VOLUME RECOVERED		
Total Produced Water =	25.00	bbls

Incident ID	NRM2030042354
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?	<u>>100</u> (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ☒ No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and 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.

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	NRM2030042354
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: 7/5/2021
email: adrian.baker@exxonmobil.com Telephone: 432-221-7331

OCD Only

Received by: _____ Date: _____

Incident ID	NRM2030042354
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 OCD 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:  Date: 7/5/2021
email: adrian.baker@exxonmobil.com Telephone: 432-221-7331

OCD Only

Received by: Chad Hensley Date: 07/19/2021

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:  Date: 07/19/2021
Printed Name: Chad Hensley Title: _____



WSP USA

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

July 5, 2021

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

**RE: Closure Request
Corral Canyon 10 East
Incident Number NRM2030042354
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, excavation, and soil sampling activities at the Corral Canyon 10 East (Site) in Unit B, Section 10, Township 25 South, Range 29 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 produced water at the Site. Based on the excavation activities and laboratory analytical results from the soil sampling events, XTO is submitting this Closure Request, describing remediation that has occurred and requesting no further action for Incident Number NRM2030042354.

RELEASE BACKGROUND

On October 7, 2020, a ½-inch nipple on the bleeder connection broke due to internal corrosion, resulting in the release of 30.12 barrels (bbls) of produced water onto the surface of the well pad. A vacuum truck was immediately dispatched to the Site to recover free-standing fluids; approximately 25 bbls of produced water were recovered. XTO reported the release to the New Mexico Oil Conservation Division (NMOCD) immediately via email on October 7, 2020 and submitted a Release Notification Form C-141 on October 21, 2020. The release was assigned Incident Number NRM2030042354.

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). In an effort to confirm the depth to groundwater in the area, a borehole (C-04525) was advanced to a depth of 110 feet bgs via truck-mounted hollow stem auger in May 2021. The location of the borehole is approximately 263 feet southwest of the Site and is depicted on Figure 1. A WSP geologist logged and described soils continuously. No moisture or groundwater was encountered during drilling activities. The borehole lithologic/soil sampling log is included in



Attachment 1. The borehole was left open for over 72 hours to allow for potential slow infill of groundwater. After the 72-hour waiting period without observing groundwater, it was confirmed that groundwater beneath the Site is greater than 110 feet. The borehole was properly abandoned with hydrated bentonite chips.

The closest continuously flowing or significant watercourse to the Site is an intermittent stream, located approximately 900 feet northwest of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (medium potential karst designation area). Site receptors are identified on Figure 1.

CLOSURE CRITERIA

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

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH)-gasoline range organics (GRO) and TPH-diesel range organics (DRO): 1,000 mg/kg
- TPH: 2,500 mg/kg
- Chloride: 20,000 mg/kg

SITE ASSESSMENT ACTIVITIES AND ANALYTICAL RESULTS

On November 3, 2020, WSP personnel were at the Site to evaluate the release extent based on information provided on the Form C-141 and visual observations. WSP personnel collected nine preliminary assessment soil samples (SS01 through SS09) within the release extent from a depth of approximately 0.5 feet bgs to assess the lateral extent of impacted soil. 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 release extent and preliminary soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on Figure 2.

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



and TPH-oil range organics (ORO) following USEPA Method 8015M/D; and chloride following USEPA Method 300.0.

Laboratory analytical results for all preliminary soil samples (SS01 through SS09) indicated that benzene, BTEX, TPH-GRO/TPH-DRO, TPH, and chloride concentrations were compliant the Closure Criteria. However, based on visible staining in the release area, excavation activities were planned in areas accessible with heavy equipment. Excavation was not completed within the active production equipment area based on XTO safety policy and analytical results compliant with the Closure Criteria.

EXCAVATION SOIL SAMPLING ACTIVITIES AND ANALYTICAL RESULTS

Between February 2, 2021 and February 17, 2021, WSP personnel returned to the Site to oversee excavation activities as indicated by visual observations and field screening activities. Excavation activities were completed to address heavy staining in the areas surrounding preliminary soil samples SS01 through SS08. To direct excavation activities, WSP screened soil for volatile aromatic hydrocarbons and chloride utilizing a PID and Hach® chloride QuanTab® test strips, respectively. The excavation was separated into two areas (north and south), divided by the horizontal separators and related aboveground pipelines. XTO safety policy prohibits mechanical or nonmechanical soil removal within 2 feet of active equipment. The northern excavation measured approximately 5,900 square feet in area and was completed to a depth of approximately 1-foot bgs. The southern excavation measured approximately 9,800 square feet in area and was completed to a depth of approximately 1-foot bgs.

Following removal of impacted soil, WSP collected 5-point composite soil samples every 200 square feet from the excavations. The 5-point composite samples were collected by depositing five aliquots of soil into a 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing. Composite soil samples FS01 through FS74 were collected from the floor of the excavations from a depth of 1-foot bgs. Due to the shallow depth of the excavations, the soil samples represented the floors and sidewalls of the excavations. The excavation soil samples were collected, handled, and analyzed as described above. The excavation extents and excavation soil sample locations are depicted on Figure 3. Photographic documentation was conducted during the Site visit. A photographic log is included in Attachment 2.

The combined excavations measured approximately 14,800 square feet in area and were completed to a depth of 1-foot bgs. Approximately 581 cubic yards of soil were removed from the excavations. The soil was transported and properly disposed of at the R360 Facility located in Hobbs, New Mexico.

Laboratory analytical results for excavation soil samples FS01 through FS74, collected from the final excavation extent, indicated that benzene, BTEX, TPH-GRO, TPH-DRO, TPH, and chloride



concentrations were compliant with the Closure Criteria. The soil sample analytical results are summarized in Table 1 and laboratory analytical reports are included in Attachment 3.

DELINEATION SOIL SAMPLING ACTIVITIES AND ANALYTICAL RESULTS

On March 22, 2021, WSP personnel returned to the Site to oversee delineation activities. Six potholes (PH01 through PH06) were advanced via track mounted backhoe and one borehole (BH01) was advanced via hand auger around the release extent and surrounding the production equipment to confirm the lateral and vertical extent of impacted soil. Potholes PH01 through PH06 were advanced to a depth of 2 feet bgs and discrete delineation soil samples were collected from each pothole at depths of 1-foot bgs and 2 feet bgs. Borehole BH01 was advanced to a depth of 1.5 feet bgs and discrete delineation soil samples were collected from depths of 1-foot bgs and 1.5 feet bgs. Soil from the potholes and the borehole was field screened for volatile aromatic hydrocarbons and chloride utilizing a PID and Hach® chloride QuanTab® test strips, respectively. Field screening results and observations for the potholes were logged on lithologic/soil sampling logs, which are included in Attachment 4. The delineation soil samples were handled and analyzed as described above. The pothole and borehole delineation soil sample locations are depicted on Figure 3.

Laboratory analytical results for the delineation soil samples collected from potholes PH01 through PH06 and borehole BH01, collected outside of the release extent and surrounding production equipment, indicated that benzene, BTEX, TPH-GRO/TPH-DRO, TPH, and chloride concentrations were compliant with the Closure Criteria. In addition, the delineation potholes collected at 2 feet bgs provide lateral delineation of the release to the strictest Table 1 Closure Criteria. The laboratory analytical results are summarized in Table 1 and the complete laboratory analytical reports are included as Attachment 3.

CLOSURE REQUEST

Site assessment and excavation activities were conducted at the Site to address the October 7, 2020 release of produced water. Laboratory analytical results for the preliminary assessment soil samples collected from the release extent indicated that benzene, BTEX, TPH-GRO/TPH-DRO, TPH, and chloride concentrations were compliant with the Closure Criteria. However, due to visible staining on the pad, excavation was completed. Approximately 581 cubic yards of soil were excavated from the Site and laboratory analytical results for the excavation soil samples indicated that benzene, BTEX, TPH-GRO/TPH-DRO, TPH, and chloride concentrations were compliant with the Closure Criteria. In addition, delineation pothole samples collected at 2 feet bgs provide lateral delineation of the release to the strictest Table 1 Closure Criteria. Based on the soil sample analytical results, no further remediation was required. The excavation was backfilled with material purchased locally and recontoured to match pre-existing site conditions.



District II
Page 5

Initial response efforts, which included removal of free-standing fluids via hydrovac and excavation of impacted soil, have mitigated impacts at this Site. Based on initial response efforts, soil sample laboratory analytical results compliant with the Closure Criteria, and confirmed depth to groundwater greater than 100 feet bgs, XTO respectfully requests no further action and Closure of Incident Number NRM2030042354.

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

Sincerely,

WSP USA Inc.

A handwritten signature in black ink that reads "Elizabeth Naka".

Elizabeth Naka
Assistant Consultant, Environmental Scientist

A handwritten signature in black ink that reads "Ashley L. Ager".

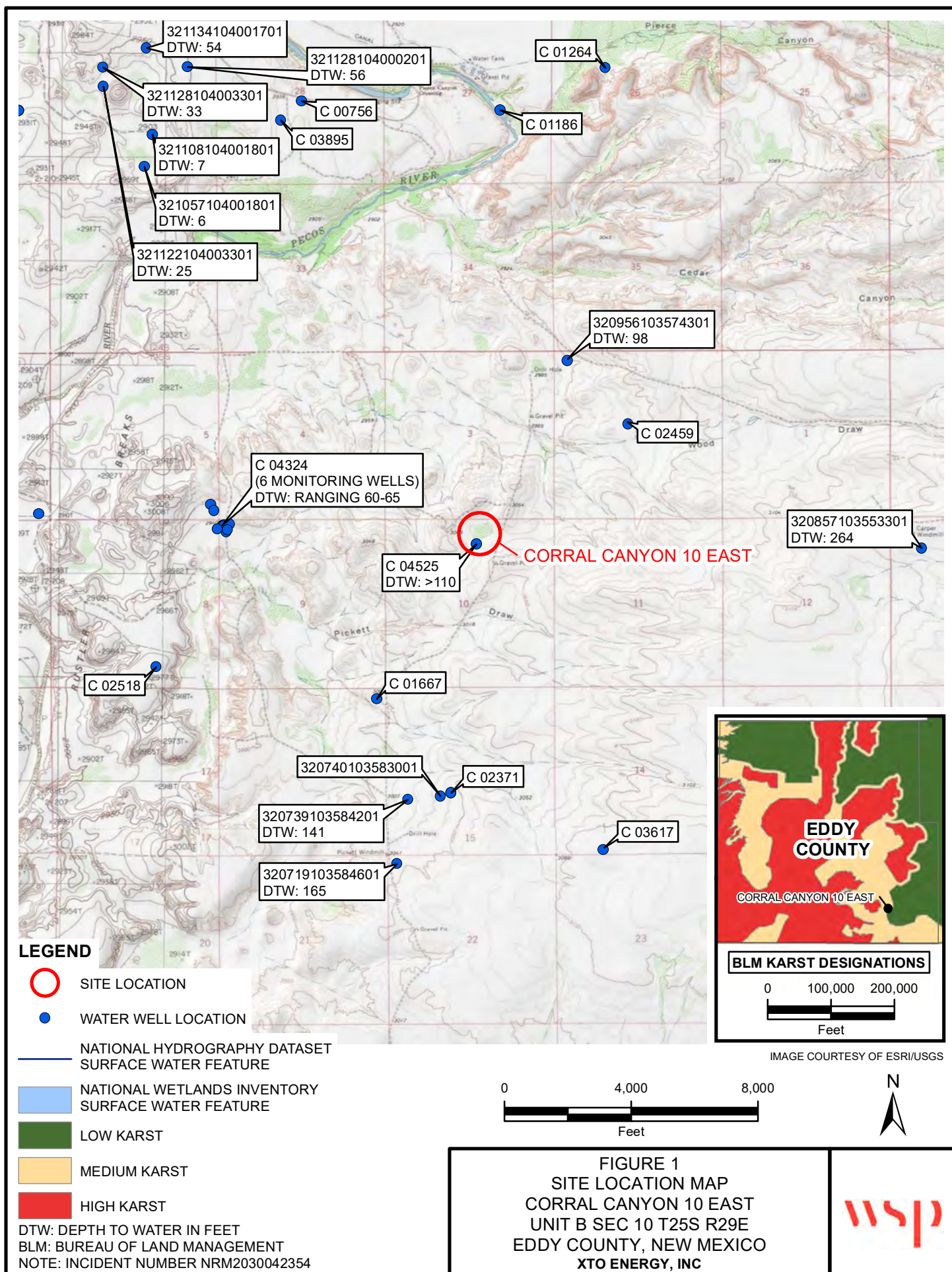
Ashley L. Ager, P.G.
Managing Director, Geologist

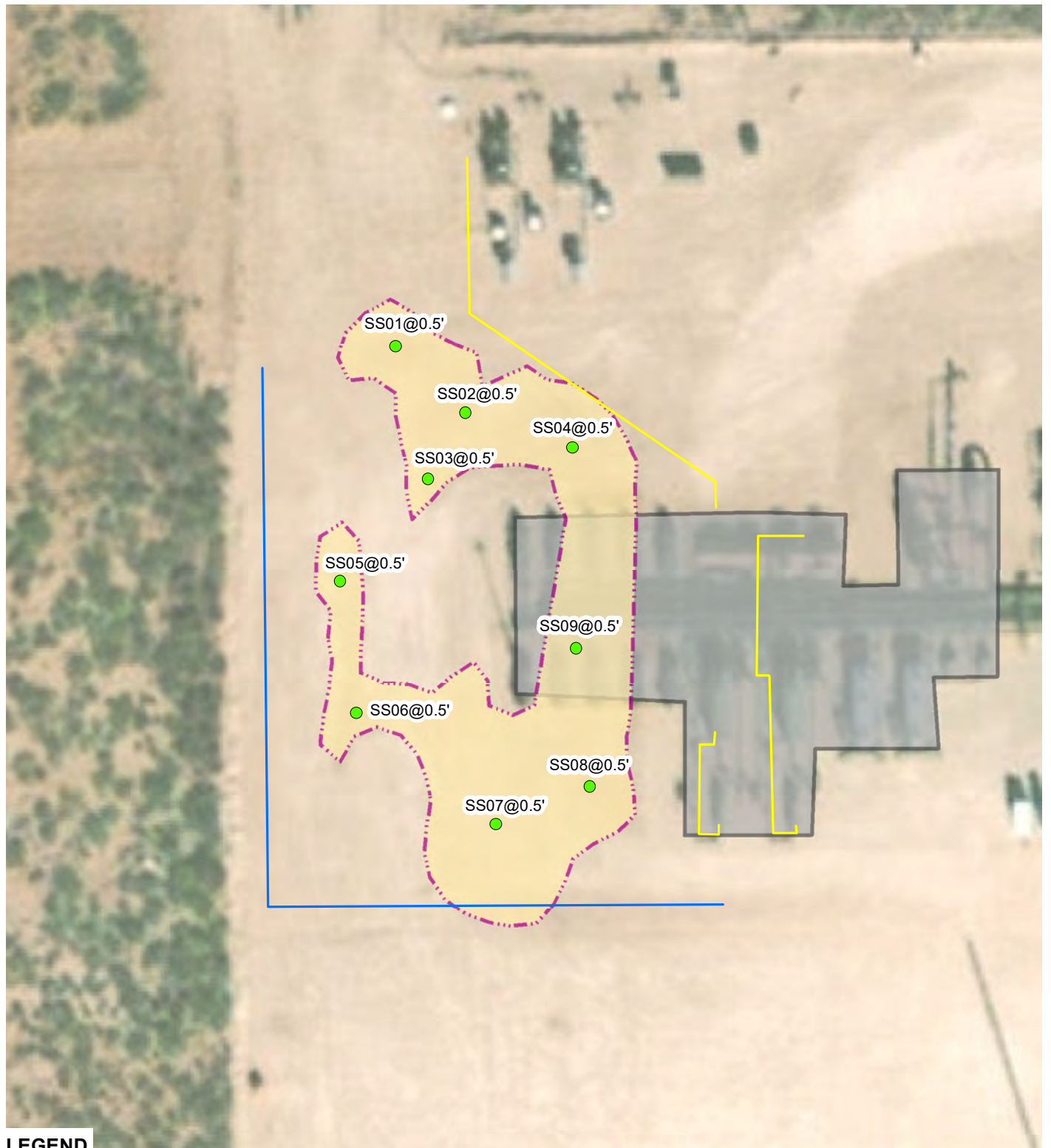
cc: Kyle Littrell, XTO
Bureau of Land Management

Attachments:

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

FIGURES



**LEGEND**

- PRELIMINARY SOIL SAMPLE IN COMPLIANCE WITH APPLICABLE CLOSURE CRITERIA
- GAS/PIPELINE
- WATER LINE
- RELEASE EXTENT
- INFRASTRUCTURE

NOTE: INCIDENT NUMBER NRM2030042354
 SAMPLE ID@DEPTH BELOW GROUND SURFACE (FEET)

IMAGE COURTESY OF ESRI

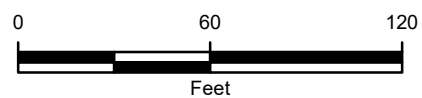
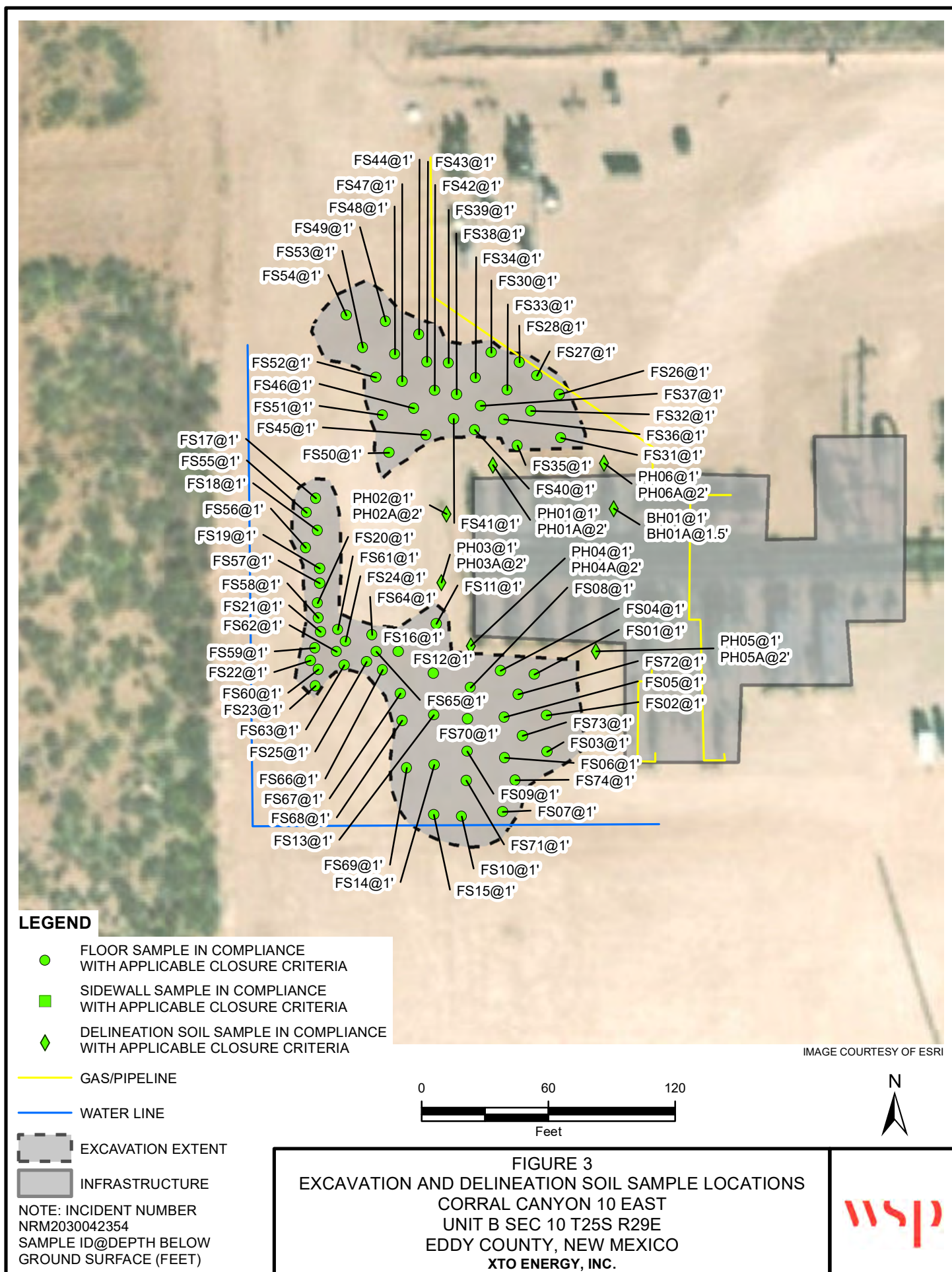


FIGURE 2
PRELIMINARY SOIL SAMPLE LOCATIONS
 CORRAL CANYON 10 EAST
 UNIT B SEC 10 T25S R29E
 EDDY COUNTY, NEW MEXICO
 XTO ENERGY, INC.





TABLES

Table 1

**Soil Analytical Results
Corral Canyon 10 East
Incident Number NRM2030042354
Eddy County, New Mexico**

Sample ID	Sample Date	Sample Depth (ft bgs)	Benzene (mg/kg)	BTEX (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)	TPH-ORO (mg/kg)	Total GRO+DRO (mg/kg)	TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table 1 Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
Surface Samples										
SS01	11/03/2020	0.5	<0.00201	<0.00201	<50.0	<50.0	<50.0	<50.0	<50.0	10,300
SS02	11/03/2020	0.5	<0.00199	<0.00199	<50.0	<50.0	<50.0	<50.0	<50.0	12,000
SS03	11/03/2020	0.5	<0.00200	<0.00200	<50.3	<50.3	<50.3	<50.3	<50.3	17,800
SS04	11/03/2020	0.5	<0.00200	<0.00200	<50.1	<50.1	<50.1	<50.1	<50.1	17,700
SS05	11/03/2020	0.5	<0.00198	<0.00198	<49.8	<49.8	<49.8	<49.8	<49.8	12,000
SS06	11/03/2020	0.5	<0.00199	<0.00199	<50.1	<50.1	<50.1	<50.1	<50.1	11,000
SS07	11/03/2020	0.5	<0.00201	<0.00201	<50.1	<50.1	<50.1	<50.1	<50.1	13,100
SS08	11/03/2020	0.5	<0.00200	<0.00200	<49.8	<49.8	<49.8	<49.8	<49.8	11,400
SS09	11/03/2020	0.5	<0.00199	<0.00199	<50.0	<50.0	<50.0	<50.0	<50.0	16,100
Excavation Floor Samples										
FS01	02/02/2021	1	<0.00201	<0.00201	<49.8	<49.8	<49.8	<49.8	<49.8	5,160
FS02	02/02/2021	1	<0.00201	<0.00201	<50.1	<50.1	<50.1	<50.1	<50.1	4,230
FS03	02/02/2021	1	<0.00198	<0.00198	<50.2	<50.2	<50.2	<50.2	<50.2	552
FS04	02/02/2021	1	<0.00201	<0.00201	<50.2	<50.2	<50.2	<50.2	<50.2	630
FS05	02/02/2021	1	<0.00199	<0.00199	<50.2	<50.2	<50.2	<50.2	<50.2	5,870
FS06	02/02/2021	1	<0.00202	<0.00202	<50.0	<50.0	<50.0	<50.0	<50.0	1,340
FS07	02/02/2021	1	<0.00198	<0.00198	<50.2	<50.2	<50.2	<50.2	<50.2	439
FS08	02/02/2021	1	<0.00202	<0.00202	<50.1	<50.1	<50.1	<50.1	<50.1	4,180
FS09	02/02/2021	1	<0.00202	<0.00202	<50.2	<50.2	<50.2	<50.2	<50.2	1,770
FS10	02/02/2021	1	<0.00198	<0.00198	<50.0	<50.0	<50.0	<50.0	<50.0	251
FS11	02/02/2021	1	<0.00199	<0.00199	<50.2	<50.2	<50.2	<50.2	<50.2	420

Table 1

**Soil Analytical Results
Corral Canyon 10 East
Incident Number NRM2030042354
Eddy County, New Mexico**

Sample ID	Sample Date	Sample Depth (ft bgs)	Benzene (mg/kg)	BTEX (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)	TPH-ORO (mg/kg)	Total GRO+DRO (mg/kg)	TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table 1 Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
FS12	02/02/2021	1	<0.00198	<0.00198	<50.1	<50.1	<50.1	<50.1	<50.1	1,600
FS13	02/02/2021	1	<0.00201	<0.00201	<50.2	<50.2	<50.2	<50.2	<50.2	<50.2
FS14	02/03/2021	1	<0.00200	<0.00200	<50.2	<50.2	<50.2	<50.2	<50.2	1,870
FS15	02/03/2021	1	<0.00198	<0.00198	<49.8	<49.8	<49.8	<49.8	<49.8	152
FS16	02/03/2021	1	<0.00200	<0.00200	<50.3	<50.3	<50.3	<50.3	<50.3	7,260
FS17	02/03/2021	1	<0.00199	<0.00199	<50.1	<50.1	<50.1	<50.1	<50.1	151
FS18	02/03/2021	1	<0.00198	<0.00198	<50.3	<50.3	<50.3	<50.3	<50.3	2,730
FS19	02/03/2021	1	<0.00199	<0.00199	<49.9	<49.9	<49.9	<49.9	<49.9	3,740
FS20	02/03/2021	1	<0.00200	<0.00200	<49.8	<49.8	<49.8	<49.8	<49.8	3,860
FS21	02/03/2021	1	<0.00198	<0.00198	<50.3	<50.3	<50.3	<50.3	<50.3	2,670
FS22	02/03/2021	1	<0.00200	<0.00200	<50.2	<50.2	<50.2	<50.2	<50.2	3,630
FS23	02/03/2021	1	<0.00199	<0.00199	<49.9	<49.9	<49.9	<49.9	<49.9	3,410
FS24	02/03/2021	1	<0.00200	<0.00200	<50.2	<50.2	<50.2	<50.2	<50.2	2,810
FS25	02/03/2021	1	<0.00202	<0.00202	<50.1	<50.1	<50.1	<50.1	<50.1	1,740
FS26	02/03/2021	1	<0.00200	<0.00200	<49.9	<49.9	<49.9	<49.9	<49.9	2,980
FS27	02/03/2021	1	<0.00202	<0.00202	<50.0	<50.0	<50.0	<50.0	<50.0	4,010
FS28	02/03/2021	1	<0.00202	<0.00202	<50.0	<50.0	<50.0	<50.0	<50.0	3,300
FS29	02/03/2021	1	<0.00200	<0.00200	<49.8	<49.8	<49.8	<49.8	<49.8	2,810
FS30	02/03/2021	1	<0.00200	<0.00200	<49.9	<49.9	<49.9	<49.9	<49.9	2,490
FS31	02/03/2021	1	<0.00199	<0.00199	<50.0	<50.0	<50.0	<50.0	<50.0	6,840
FS32	02/03/2021	1	<0.00198	<0.00198	<49.9	<49.9	<49.9	<49.9	<49.9	7,510
FS33	02/03/2021	1	<0.00202	<0.00202	<50.0	<50.0	<50.0	<50.0	<50.0	5,770

Table 1

**Soil Analytical Results
Corral Canyon 10 East
Incident Number NRM2030042354
Eddy County, New Mexico**

Sample ID	Sample Date	Sample Depth (ft bgs)	Benzene (mg/kg)	BTEX (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)	TPH-ORO (mg/kg)	Total GRO+DRO (mg/kg)	TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table 1 Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
FS34	02/03/2021	1	<0.00198	<0.00198	<50.2	<50.2	<50.2	<50.2	<50.2	1,940
FS35	02/03/2021	1	<0.00199	<0.00199	<50.0	<50.0	<50.0	<50.0	<50.0	4,930
FS36	02/03/2021	1	<0.00198	<0.00198	<49.9	<49.9	<49.9	<49.9	<49.9	6,690
FS37	02/03/2021	1	<0.00200	<0.00200	<50.1	<50.1	<50.1	<50.1	<50.1	5,280
FS38	02/03/2021	1	<0.00199	<0.00199	<50.1	<50.1	<50.1	<50.1	<50.1	226
FS39	02/03/2021	1	<0.00200	<0.00200	<49.8	<49.8	<49.8	<49.8	<49.8	364
FS40	02/03/2021	1	<0.00199	<0.00199	<50.1	<50.1	<50.1	<50.1	<50.1	7,590
FS41	02/03/2021	1	<0.00200	<0.00200	<49.8	<49.8	<49.8	<49.8	<49.8	7,630
FS42	02/03/2021	1	<0.00199	<0.00199	<49.8	<49.8	<49.8	<49.8	<49.8	9,990
FS43	02/03/2021	1	<0.00200	<0.00200	<50.1	<50.1	<50.1	<50.1	<50.1	1,880
FS44	02/03/2021	1	<0.00202	<0.00202	<50.3	<50.3	<50.3	<50.3	<50.3	7,570
FS45	02/03/2021	1	<0.00198	<0.00198	<49.9	<49.9	<49.9	<49.9	<49.9	7,100
FS46	02/03/2021	1	<0.00200	<0.00200	<50.0	<50.0	<50.0	<50.0	<50.0	7,470
FS47	02/03/2021	1	<0.00201	<0.00201	<50.1	<50.1	<50.1	<50.1	<50.1	2,480
FS48	02/03/2021	1	<0.00198	<0.00198	<50.3	<50.3	<50.3	<50.3	<50.3	1,830
FS49	02/03/2021	1	<0.00201	<0.00201	<49.8	<49.8	<49.8	<49.8	<49.8	6,140
FS50	02/03/2021	1	<0.00199	<0.00199	<49.8	<49.8	<49.8	<49.8	<49.8	4,640
FS51	02/03/2021	1	<0.00200	<0.00200	<49.9	<49.9	<49.9	<49.9	<49.9	6,190
FS52	02/03/2021	1	<0.00200	<0.00200	<50.0	<50.0	<50.0	<50.0	<50.0	4,860
FS53	02/03/2021	1	<0.00200	<0.00200	<50.0	<50.0	<50.0	<50.0	<50.0	4,820
FS54	02/03/2021	1	<0.00201	<0.00201	<50.2	<50.2	<50.2	<50.2	<50.2	3,890
FS55	02/17/2021	1	<0.00198	<0.00198	<50.2	<50.2	<50.2	<50.2	<50.2	28.2

Table 1

**Soil Analytical Results
Corral Canyon 10 East
Incident Number NRM2030042354
Eddy County, New Mexico**

Sample ID	Sample Date	Sample Depth (ft bgs)	Benzene (mg/kg)	BTEX (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)	TPH-ORO (mg/kg)	Total GRO+DRO (mg/kg)	TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table 1 Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
FS56	02/17/2021	1	<0.00200	<0.00200	<50.1	<50.1	<50.1	<50.1	<50.1	82.2
FS57	02/17/2021	1	<0.00200	<0.00200	<50.1	<50.1	<50.1	<50.1	<50.1	370
FS58	02/17/2021	1	<0.00200	<0.00200	<49.8	<49.8	<49.8	<49.8	<49.8	408
FS59	02/17/2021	1	<0.00200	<0.00200	<49.8	<49.8	<49.8	<49.8	<49.8	453
FS60	02/17/2021	1	<0.00199	<0.00199	<50.1	<50.1	<50.1	<50.1	<50.1	521
FS61	02/17/2021	1	<0.00202	<0.00202	<50.2	<50.2	<50.2	<50.2	<50.2	428
FS62	02/17/2021	1	<0.00201	<0.00201	<50.0	<50.0	<50.0	<50.0	<50.0	107
FS63	02/17/2021	1	<0.00200	<0.00200	<50.1	<50.1	<50.1	<50.1	<50.1	3,320
FS64	02/17/2021	1	<0.00200	<0.00200	<50.0	<50.0	<50.0	<50.0	<50.0	4,550
FS65	02/17/2021	1	<0.00199	<0.00199	<50.1	<50.1	<50.1	<50.1	<50.1	6,490
FS66	02/17/2021	1	<0.00202	<0.00202	<49.9	<49.9	<49.9	<49.9	<49.9	7,280
FS67	02/17/2021	1	<0.00198	<0.00198	<50.0	<50.0	<50.0	<50.0	<50.0	8,420
FS68	02/17/2021	1	<0.00200	<0.00200	<49.8	<49.8	<49.8	<49.8	<49.8	215
FS69	02/17/2021	1	<0.00199	<0.00199	<50.2	<50.2	<50.2	<50.2	<50.2	777
FS70	02/17/2021	1	<0.00202	<0.00202	<50.1	<50.1	<50.1	<50.1	<50.1	344
FS71	02/17/2021	1	<0.00200	<0.00200	<50.1	<50.1	<50.1	<50.1	<50.1	2,570
FS72	02/17/2021	1	<0.00198	<0.00198	<50.1	<50.1	<50.1	<50.1	<50.1	140
FS73	02/17/2021	1	<0.00200	<0.00200	<50.1	<50.1	<50.1	<50.1	<50.1	188
FS74	02/17/2021	1	<0.00200	<0.00200	<50.3	<50.3	<50.3	<50.3	<50.3	233
Delineation Samples										
BH01	03/22/2021	1	<0.00198	<0.00198	<49.8	<49.8	<49.8	<49.8	<49.8	35.3
BH01A	03/22/2021	1.5	<0.00200	0.00214	<50.1	<50.1	<50.1	<50.1	<50.1	4,360

Table 1

**Soil Analytical Results
Corral Canyon 10 East
Incident Number NRM2030042354
Eddy County, New Mexico**

Sample ID	Sample Date	Sample Depth (ft bgs)	Benzene (mg/kg)	BTEX (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)	TPH-ORO (mg/kg)	Total GRO+DRO (mg/kg)	TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table 1 Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
PH01	03/22/2021	1	0.0829	0.521	<49.9	<49.9	<49.9	<49.9	<49.9	166
PH01A	03/22/2021	2	<0.00200	<0.00200	<49.9	<49.9	<49.9	<49.9	<49.9	144
PH02	03/22/2021	1	<0.00201	<0.00201	<49.9	<49.9	<49.9	<49.9	<49.9	193
PH02A	03/22/2021	2	<0.00201	<0.00201	<50.0	<50.0	<50.0	<50.0	<50.0	73.4
PH03	03/22/2021	1	<0.00202	<0.00202	<50.0	<50.0	<50.0	<50.0	<50.0	342
PH03A	03/22/2021	2	<0.00202	<0.00202	<49.9	<49.9	<49.9	<49.9	<49.9	20.1
PH04	03/22/2021	1	<0.00200	<0.00200	<49.9	<49.9	<49.9	<49.9	<49.9	1,110
PH04A	03/22/2021	2	<0.00200	<0.00200	<49.8	<49.8	<49.8	<49.8	<49.8	20.4
PH05	03/22/2021	1	<0.00199	<0.00199	<50.0	<50.0	<50.0	<50.0	<50.0	256
PH05A	03/22/2021	2	<0.00199	<0.00199	<49.9	<49.9	<49.9	<49.9	<49.9	67.7
PH06	03/22/2021	1	<0.00200	<0.00200	<49.7	<49.7	<49.7	<49.7	<49.7	316
PH06A	03/22/2021	2	<0.00198	<0.00198	<49.9	<49.9	<49.9	<49.9	<49.9	353

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

ATTACHMENT 1: REFERENCED WELL RECORDS



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

06/07/2021

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

Hand Delivered to the DII Office of the State Engineer

Re: Well Record C-4525 Pod1

To whom it may concern:

Attached please find a well record and a plugging record, in duplicate, for a one (1) soil borings, C-4525 Pod1.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Lucas Middleton".

Lucas Middleton

Enclosures: as noted above

2021 JUN 14 2021 #02-17



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD1 (MW-1)		WELL TAG ID NO. n/a		OSE FILE NO(S). C-4525			
	WELL OWNER NAME(S) XTO Energy (Kyle Littrell)				PHONE (OPTIONAL)			
	WELL OWNER MAILING ADDRESS 6401 Holiday Hill Dr.				CITY Midland	STATE TX	ZIP 79707	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32°	MINUTES 8'	SECONDS 57.48" N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND			
		LONGITUDE 103°	58'	18.24" W	* DATUM REQUIRED: WGS 84			
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE NW NE Sec. 10 T25S R29E								
2. DRILLING & CASING INFORMATION	LICENSE NO. 1249		NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.		
	DRILLING STARTED 05/26/2021	DRILLING ENDED 05/26/2021	DEPTH OF COMPLETED WELL (FT) temporary well material		BORE HOLE DEPTH (FT) 110	DEPTH WATER FIRST ENCOUNTERED (FT) n/a		
	COMPLETED WELL IS: ☐ ARTESIAN ☒ DRY HOLE ☐ SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT) n/a		
	DRILLING FLUID: ☒ AIR ☐ MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: ☐ ROTARY ☐ HAMMER ☐ CABLE TOOL ☒ OTHER - SPECIFY: Hollow Stem Auger							
	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	110	±8.5	Boring- HSA	--	--	--	--
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 06/30/17)

FILE NO.	POD NO.	TRN NO.
LOCATION	WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO				
	0	24	24	CALICHE, mod. consolidated, tan-off white, dry	Y ✓ N	
	24	29	5	SAND, poorly graded, very- fine grained, caliche gravel, light-brown	Y ✓ N	
	29	39	10	SAND, poorly graded, very- fine grained, caliche gravel, light-brown, moist	Y ✓ N	
	39	44	5	SAND, poorly graded, very- fine grained, light-brown, moist	Y ✓ N	
	44	59	15	SAND, poorly graded, very- fine grained, light-brown, moist	Y ✓ N	
	59	69	10	SAND, poorly graded, very- fine grained, brown, moist	Y ✓ N	
	69	74	5	SAND, poorly graded, very- fine grained, caliche gravel, brown, moist	Y ✓ N	
	74	79	5	SILTY SAND, poorly graded, very- fine grained, caliche gravel, brown, moist	Y ✓ N	
	79	89	10	SAND, poorly graded, very- fine grained, with silt, brown, moist	Y ✓ N	
	89	94	5	SILTY SAND, poorly graded, very- fine grained, caliche gravel, brown, moist	Y ✓ N	
	94	110	16	SILTY SAND, poorly graded, very- fine grained, brown, moist	Y ✓ N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:					TOTAL ESTIMATED WELL YIELD (gpm): 0.00	
☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER - SPECIFY:						
5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.				
	MISCELLANEOUS INFORMATION: Temporary well materials removed and the soil boring backfilled using drill cuttings from total depth to ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface to surface. Logs adapted from WSP on-site geologist.					
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Carmelo Trevino, Cameron Pruitt					
6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:  SIGNATURE OF DRILLER / PRINT SIGNEE NAME Jackie D. Atkins DATE					

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 06/30/2017)

FILE NO.	POD NO.	TRN NO.
LOCATION	WELL TAG ID NO.	PAGE 2 OF 2

2021 JUN 29 2:47

2021-06-07_C-4525_POD1_OSE_Well Record and Log_cc10-forsign

Final Audit Report

2021-06-09

Created:	2021-06-09
By:	Lucas Middleton (lucas@atkinseng.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAA7DODTuQRhG0_AakLR1z5zb63CkYjBAEN

"2021-06-07_C-4525_POD1_OSE_Well Record and Log_cc10-forsign" History

-  Document created by Lucas Middleton (lucas@atkinseng.com)
2021-06-09 - 6:47:39 PM GMT- IP address: 69.21.248.123
-  Document emailed to Jack Atkins (jack@atkinseng.com) for signature
2021-06-09 - 6:48:09 PM GMT
-  Email viewed by Jack Atkins (jack@atkinseng.com)
2021-06-09 - 6:48:32 PM GMT- IP address: 64.90.153.232
-  Document e-signed by Jack Atkins (jack@atkinseng.com)
Signature Date: 2021-06-09 - 6:48:58 PM GMT - Time Source: server- IP address: 64.90.153.232
-  Agreement completed.
2021-06-09 - 6:48:58 PM GMT

OSE 37 JUL 10 2021 10:21:07



PLUGGING RECORD



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

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: C-4525-POD1

Well owner: XTO ENERGY (Kyle Littrell)

Phone No.: 432.682.8873

Mailing address: 6401 Holiday Hill Dr.

City: Midland State: Texas Zip code: 79707

II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: Jackie D. Atkins (Atkins Engineering Associates Inc.)
- 2) New Mexico Well Driller License No.: 1249 Expiration Date: 04/30/23
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s):
Shane Eldridge, Carmelo Trevino, Cameron Pruitt
- 4) Date well plugging began: 06/08/2021 Date well plugging concluded: 06/08/2021
- 5) GPS Well Location: Latitude: 32 deg, 8 min, 57.48 sec
Longitude: 103 deg, 58 min, 18.24 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 111 ft below ground level (bgl),
by the following manner: weighted tape
- 7) Static water level measured at initiation of plugging: n/a ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 04/12/2021
- 9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

FILED JUN 10 2021 PM 2:17

- For each interval plugged, describe within the following columns:**

Released to Imaging: 7/19/2021 10:55:25 AM

2021-06-07_C-4525_POD1_Plugging Record-forsigned

Final Audit Report

2021-06-09

Created:	2021-06-09
By:	Lucas Middleton (lucas@atkinseng.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAAZZbOJMVUyWV9vJgDxWbmIHLTtf9Dxg6_

"2021-06-07_C-4525_POD1_Plugging Record-forsigned" History

-  Document created by Lucas Middleton (lucas@atkinseng.com)
2021-06-09 - 6:48:29 PM GMT- IP address: 69.21.248.123
-  Document emailed to Jack Atkins (jack@atkinseng.com) for signature
2021-06-09 - 6:48:48 PM GMT
-  Email viewed by Jack Atkins (jack@atkinseng.com)
2021-06-09 - 6:49:20 PM GMT- IP address: 64.90.153.232
-  Document e-signed by Jack Atkins (jack@atkinseng.com)
Signature Date: 2021-06-09 - 6:49:38 PM GMT - Time Source: server- IP address: 64.90.153.232
-  Agreement completed.
2021-06-09 - 6:49:38 PM GMT

OSI DT JUN 10 2021 PM 2:17



[USGS Home](#)
[Contact USGS](#)
[Search USGS](#)

National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater

Geographic Area:

United States

GO

Click to hide News Bulletins

- [Introducing The Next Generation of USGS Water Data for the Nation](#)
- [Full News](#) 

Groundwater levels for the Nation

* IMPORTANT: [Next Generation Station Page](#)

Search Results -- 1 sites found

site_no list =

- 320739103584201

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 320739103584201 25S.29E.15.31134

Available data for this site

Groundwater: Field measurements

GO

Eddy County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°07'39", Longitude 103°58'42" NAD27

Land-surface elevation 3,017 feet above NAVD88

The depth of the well is 192 feet below land surface.

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Rustler Formation (312RSLR) local aquifer.

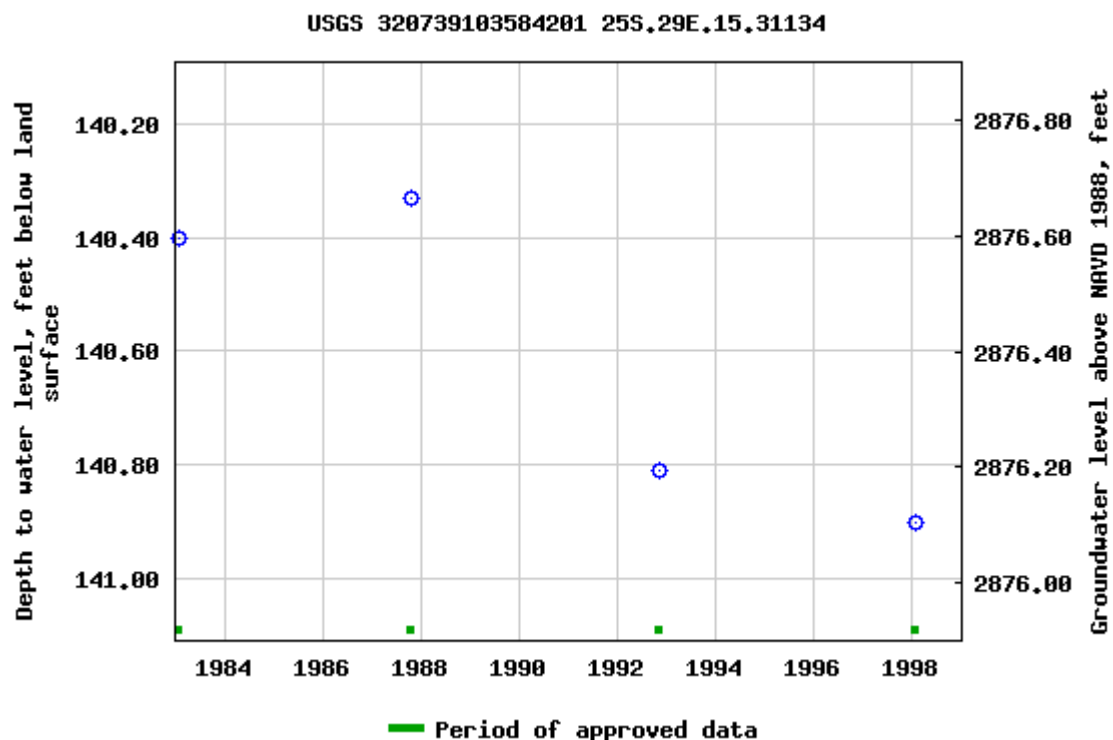
Output formats

[Table of data](#)

[Tab-separated data](#)

[Graph of data](#)

[Reselect period](#)



Breaks in the plot represent a gap of at least one year between field measurements.

[Download a presentation-quality graph](#)

[Questions about sites/data?](#)

[Feedback on this web site](#)

[Automated retrievals](#)

[Help](#)

[Data Tips](#)

[Explanation of terms](#)

[Subscribe for system changes](#)

[News](#)

[Accessibility](#)

[FOIA](#)

[Privacy](#)

[Policies and Notices](#)

[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

Title: Groundwater for USA: Water Levels

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

Page Contact Information: [USGS Water Data Support Team](#)

Page Last Modified: 2021-03-03 12:22:57 EST

0.75 0.61 nadww01





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	Tw	Rng	X	Y
NA	C 04324 POD9	1	1	1	09	25S	29E	594590	3557676
Driller License: 1664		Driller Company:		CASCADE DRILLING, LP					
Driller Name:		CAIN, SHAWN N.NJR.L.NER							
Drill Start Date: 07/21/2019		Drill Finish Date:		07/21/2019		Plug Date:		11/25/2020	
Log File Date: 08/28/2019		PCW Rev Date:				Source:		Shallow	
Pump Type:		Pipe Discharge Size:				Estimated Yield:			
Casing Size: 2.06		Depth Well:		72 feet		Depth Water:		62 feet	
Water Bearing Stratifications:		Top	Bottom	Description					
		45	72	Shale/Mudstone/Siltstone					
Casing Perforations:		Top	Bottom						
		57	72						

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

3/3/21 10:31 AM

POINT OF DIVERSION SUMMARY

ATTACHMENT 2: PHOTOGRAPHIC LOG



PHOTOGRAPHIC LOG		
XTO Energy, Inc.	Corral Canyon 10 East Eddy County, New Mexico	NRM2030042354

Photo No.	Date	
1	October 7, 2020	 WGS84 32.15052, -103.97121 3017 NW319 Created with free version of GPS Camera 55 07Oct20 14:48 Carlsbad, NM 88220, United States 07-Oct-20 14:48:50
View of release south of separators and related equipment.		

Photo No.	Date	
2	November 3, 2020	
View of staining on pad west of separators and equipment.		

**PHOTOGRAPHIC LOG****XTO Energy, Inc.****Corral Canyon 10 East
Eddy County, New Mexico****NRM2030042354**

Photo No.	Date	
3	February 3, 2021	
View of southern excavation facing southeast.		 A wide-angle photograph showing a large, flat, brownish-grey excavation site in the foreground. In the background, there is an industrial facility with several large, horizontal, cylindrical storage tanks and various pipes and structures. The sky is blue with scattered white clouds. A tall, thin pole stands on the right side of the site.

Photo No.	Date	
4	February 4, 2021	
View of northern excavation facing southeast		 A photograph taken from a slightly elevated position, looking down into a large, brownish-grey excavation site. In the background, an industrial facility is visible, featuring several large, horizontal, cylindrical storage tanks and various pipes and structures. The sky is blue with scattered white clouds. Two tall, thin poles stand on the right side of the site. The top of a white structure is visible in the immediate foreground.

**PHOTOGRAPHIC LOG****XTO Energy, Inc.****Corral Canyon 10 East
Eddy County, New Mexico****NRM2030042354**

Photo No.	Date	
5	June 9, 2021	
View of backfilled excavation area facing southwest		

Photo No.	Date	
6	June 9, 2021	
View of backfilled excavation area facing north		

ATTACHMENT 3: LABORATORY ANALYTICAL REPORTS



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 890-135-1

Laboratory Sample Delivery Group: TE012920151

Client Project/Site: Corral Canyon 10

For:

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

Attn: Dan Moir

A handwritten signature in black ink that reads "Jessica Kramer".

Authorized for release by:
2/10/2021 6:01:51 PM

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

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:

www.eurofinsus.com/Env

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: Corral Canyon 10

Laboratory Job ID: 890-135-1
SDG: TE012920151

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Client Sample Results	5
Surrogate Summary	14
QC Sample Results	16
QC Association Summary	24
Lab Chronicle	28
Certification Summary	32
Method Summary	33
Sample Summary	34
Chain of Custody	35
Receipt Checklists	37

1
2
3
4
5
6
7
8
9
10
11
12
13
14

Definitions/Glossary

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-135-1
SDG: TE012920151

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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: Corral Canyon 10

Job ID: 890-135-1
SDG: TE012920151

Job ID: 890-135-1

Laboratory: Eurofins Xenco, Carlsbad

Narrative

Job Narrative 890-135-1

Receipt

The samples were received on 2/3/2021 2:20 PM; the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.8°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

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 890-141 and analytical batch 890-150 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-135-1
SDG: TE012920151

Client Sample ID: FS01

Lab Sample ID: 890-135-1

Date Collected: 02/02/21 10:45

Matrix: Solid

Date Received: 02/03/21 14:20

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		02/03/21 19:53	02/05/21 14:06	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		02/03/21 19:53	02/05/21 14:06	1
Toluene	<0.00201	U	0.00201	mg/Kg		02/03/21 19:53	02/05/21 14:06	1
Total BTEX	<0.00201	U	0.00201	mg/Kg		02/03/21 19:53	02/05/21 14:06	1
Xylenes, Total	<0.00201	U	0.00201	mg/Kg		02/03/21 19:53	02/05/21 14:06	1
m,p-Xylenes	<0.00402	U	0.00402	mg/Kg		02/03/21 19:53	02/05/21 14:06	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		02/03/21 19:53	02/05/21 14:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	101		70 - 130	02/03/21 19:53	02/05/21 14:06	1
4-Bromofluorobenzene (Surr)	107		70 - 130	02/03/21 19:53	02/05/21 14:06	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<49.8	U	49.8	mg/Kg		02/06/21 15:46	02/10/21 00:46	1
Total TPH	<49.8	U	49.8	mg/Kg		02/06/21 15:46	02/10/21 00:46	1
>C10-C28	<49.8	U	49.8	mg/Kg		02/06/21 15:46	02/10/21 00:46	1
>C28-C35	<49.8	U	49.8	mg/Kg		02/06/21 15:46	02/10/21 00:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 135	02/06/21 15:46	02/10/21 00:46	1
o-Terphenyl	94		70 - 135	02/06/21 15:46	02/10/21 00:46	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5160		99.0	mg/Kg			02/03/21 23:16	10

Client Sample ID: FS02

Lab Sample ID: 890-135-2

Date Collected: 02/02/21 10:48

Matrix: Solid

Date Received: 02/03/21 14:20

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		02/03/21 19:53	02/05/21 14:28	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		02/03/21 19:53	02/05/21 14:28	1
Toluene	<0.00201	U	0.00201	mg/Kg		02/03/21 19:53	02/05/21 14:28	1
Total BTEX	<0.00201	U	0.00201	mg/Kg		02/03/21 19:53	02/05/21 14:28	1
Xylenes, Total	<0.00201	U	0.00201	mg/Kg		02/03/21 19:53	02/05/21 14:28	1
m,p-Xylenes	<0.00402	U	0.00402	mg/Kg		02/03/21 19:53	02/05/21 14:28	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		02/03/21 19:53	02/05/21 14:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	103		70 - 130	02/03/21 19:53	02/05/21 14:28	1
4-Bromofluorobenzene (Surr)	112		70 - 130	02/03/21 19:53	02/05/21 14:28	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.1	U	50.1	mg/Kg		02/06/21 15:46	02/10/21 01:06	1
Total TPH	<50.1	U	50.1	mg/Kg		02/06/21 15:46	02/10/21 01:06	1
>C10-C28	<50.1	U	50.1	mg/Kg		02/06/21 15:46	02/10/21 01:06	1
>C28-C35	<50.1	U	50.1	mg/Kg		02/06/21 15:46	02/10/21 01:06	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-135-1
SDG: TE012920151

Client Sample ID: FS02

Lab Sample ID: 890-135-2

Date Collected: 02/02/21 10:48

Matrix: Solid

Date Received: 02/03/21 14:20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 135	02/06/21 15:46	02/10/21 01:06	1
o-Terphenyl	95		70 - 135	02/06/21 15:46	02/10/21 01:06	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4230		100	mg/Kg			02/03/21 23:22	10

Client Sample ID: FS03

Lab Sample ID: 890-135-3

Date Collected: 02/02/21 12:36

Matrix: Solid

Date Received: 02/03/21 14:20

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		02/03/21 19:53	02/06/21 06:12	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		02/03/21 19:53	02/06/21 06:12	1
Toluene	<0.00198	U	0.00198	mg/Kg		02/03/21 19:53	02/06/21 06:12	1
Total BTEX	<0.00198	U	0.00198	mg/Kg		02/03/21 19:53	02/06/21 06:12	1
Xylenes, Total	<0.00198	U	0.00198	mg/Kg		02/03/21 19:53	02/06/21 06:12	1
m,p-Xylenes	<0.00396	U	0.00396	mg/Kg		02/03/21 19:53	02/06/21 06:12	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		02/03/21 19:53	02/06/21 06:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	101		70 - 130	02/03/21 19:53	02/06/21 06:12	1
4-Bromofluorobenzene (Surr)	109		70 - 130	02/03/21 19:53	02/06/21 06:12	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.2	U	50.2	mg/Kg		02/06/21 15:46	02/10/21 01:26	1
Total TPH	<50.2	U	50.2	mg/Kg		02/06/21 15:46	02/10/21 01:26	1
>C10-C28	<50.2	U	50.2	mg/Kg		02/06/21 15:46	02/10/21 01:26	1
>C28-C35	<50.2	U	50.2	mg/Kg		02/06/21 15:46	02/10/21 01:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 135	02/06/21 15:46	02/10/21 01:26	1
o-Terphenyl	94		70 - 135	02/06/21 15:46	02/10/21 01:26	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	552		50.2	mg/Kg			02/03/21 23:28	5

Client Sample ID: FS04

Lab Sample ID: 890-135-4

Date Collected: 02/02/21 12:27

Matrix: Solid

Date Received: 02/03/21 14:20

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		02/03/21 19:53	02/05/21 15:35	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		02/03/21 19:53	02/05/21 15:35	1
Toluene	<0.00201	U	0.00201	mg/Kg		02/03/21 19:53	02/05/21 15:35	1
Total BTEX	<0.00201	U	0.00201	mg/Kg		02/03/21 19:53	02/05/21 15:35	1
Xylenes, Total	<0.00201	U	0.00201	mg/Kg		02/03/21 19:53	02/05/21 15:35	1
m,p-Xylenes	<0.00402	U	0.00402	mg/Kg		02/03/21 19:53	02/05/21 15:35	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-135-1
SDG: TE012920151

Client Sample ID: FS04

Lab Sample ID: 890-135-4

Date Collected: 02/02/21 12:27

Matrix: Solid

Date Received: 02/03/21 14:20

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00201	U	0.00201	mg/Kg		02/03/21 19:53	02/05/21 15:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	99		70 - 130			02/03/21 19:53	02/05/21 15:35	1
4-Bromofluorobenzene (Surr)	104		70 - 130			02/03/21 19:53	02/05/21 15:35	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.2	U	50.2	mg/Kg		02/06/21 15:46	02/10/21 01:46	1
Total TPH	<50.2	U	50.2	mg/Kg		02/06/21 15:46	02/10/21 01:46	1
>C10-C28	<50.2	U	50.2	mg/Kg		02/06/21 15:46	02/10/21 01:46	1
>C28-C35	<50.2	U	50.2	mg/Kg		02/06/21 15:46	02/10/21 01:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 135			02/06/21 15:46	02/10/21 01:46	1
o-Terphenyl	90		70 - 135			02/06/21 15:46	02/10/21 01:46	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	630		49.6	mg/Kg			02/03/21 23:33	5

Client Sample ID: FS05

Lab Sample ID: 890-135-5

Date Collected: 02/02/21 12:31

Matrix: Solid

Date Received: 02/03/21 14:20

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		02/03/21 19:53	02/05/21 16:18	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		02/03/21 19:53	02/05/21 16:18	1
Toluene	<0.00199	U	0.00199	mg/Kg		02/03/21 19:53	02/05/21 16:18	1
Total BTEX	<0.00199	U	0.00199	mg/Kg		02/03/21 19:53	02/05/21 16:18	1
Xylenes, Total	<0.00199	U	0.00199	mg/Kg		02/03/21 19:53	02/05/21 16:18	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		02/03/21 19:53	02/05/21 16:18	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		02/03/21 19:53	02/05/21 16:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	100		70 - 130			02/03/21 19:53	02/05/21 16:18	1
4-Bromofluorobenzene (Surr)	107		70 - 130			02/03/21 19:53	02/05/21 16:18	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.2	U	50.2	mg/Kg		02/06/21 15:46	02/10/21 02:07	1
Total TPH	<50.2	U	50.2	mg/Kg		02/06/21 15:46	02/10/21 02:07	1
>C10-C28	<50.2	U	50.2	mg/Kg		02/06/21 15:46	02/10/21 02:07	1
>C28-C35	<50.2	U	50.2	mg/Kg		02/06/21 15:46	02/10/21 02:07	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 135			02/06/21 15:46	02/10/21 02:07	1
o-Terphenyl	94		70 - 135			02/06/21 15:46	02/10/21 02:07	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-135-1
SDG: TE012920151

Client Sample ID: FS05

Lab Sample ID: 890-135-5

Date Collected: 02/02/21 12:31

Matrix: Solid

Date Received: 02/03/21 14:20

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5870		100	mg/Kg			02/03/21 23:39	10

Client Sample ID: FS06

Lab Sample ID: 890-135-6

Date Collected: 02/02/21 12:39

Matrix: Solid

Date Received: 02/03/21 14:20

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		02/03/21 19:53	02/05/21 18:59	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		02/03/21 19:53	02/05/21 18:59	1
Toluene	<0.00202	U	0.00202	mg/Kg		02/03/21 19:53	02/05/21 18:59	1
Total BTEX	<0.00202	U	0.00202	mg/Kg		02/03/21 19:53	02/05/21 18:59	1
Xylenes, Total	<0.00202	U	0.00202	mg/Kg		02/03/21 19:53	02/05/21 18:59	1
m,p-Xylenes	<0.00404	U	0.00404	mg/Kg		02/03/21 19:53	02/05/21 18:59	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		02/03/21 19:53	02/05/21 18:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	103		70 - 130	02/03/21 19:53	02/05/21 18:59	1
4-Bromofluorobenzene (Surr)	107		70 - 130	02/03/21 19:53	02/05/21 18:59	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.0	U	50.0	mg/Kg		02/06/21 15:46	02/10/21 02:27	1
Total TPH	<50.0	U	50.0	mg/Kg		02/06/21 15:46	02/10/21 02:27	1
>C10-C28	<50.0	U	50.0	mg/Kg		02/06/21 15:46	02/10/21 02:27	1
>C28-C35	<50.0	U	50.0	mg/Kg		02/06/21 15:46	02/10/21 02:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 135	02/06/21 15:46	02/10/21 02:27	1
o-Terphenyl	102		70 - 135	02/06/21 15:46	02/10/21 02:27	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1340	F1	49.6	mg/Kg			02/05/21 05:53	5

Client Sample ID: FS07

Lab Sample ID: 890-135-7

Date Collected: 02/02/21 12:41

Matrix: Solid

Date Received: 02/03/21 14:20

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		02/03/21 19:53	02/05/21 19:21	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		02/03/21 19:53	02/05/21 19:21	1
Toluene	<0.00198	U	0.00198	mg/Kg		02/03/21 19:53	02/05/21 19:21	1
Total BTEX	<0.00198	U	0.00198	mg/Kg		02/03/21 19:53	02/05/21 19:21	1
Xylenes, Total	<0.00198	U	0.00198	mg/Kg		02/03/21 19:53	02/05/21 19:21	1
m,p-Xylenes	<0.00397	U	0.00397	mg/Kg		02/03/21 19:53	02/05/21 19:21	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		02/03/21 19:53	02/05/21 19:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	100		70 - 130	02/03/21 19:53	02/05/21 19:21	1
4-Bromofluorobenzene (Surr)	111		70 - 130	02/03/21 19:53	02/05/21 19:21	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-135-1
SDG: TE012920151

Client Sample ID: FS07

Lab Sample ID: 890-135-7

Date Collected: 02/02/21 12:41

Matrix: Solid

Date Received: 02/03/21 14:20

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.2	U	50.2	mg/Kg		02/06/21 15:46	02/10/21 03:07	1
Total TPH	<50.2	U	50.2	mg/Kg		02/06/21 15:46	02/10/21 03:07	1
>C10-C28	<50.2	U	50.2	mg/Kg		02/06/21 15:46	02/10/21 03:07	1
>C28-C35	<50.2	U	50.2	mg/Kg		02/06/21 15:46	02/10/21 03:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 135	02/06/21 15:46	02/10/21 03:07	1
o-Terphenyl	104		70 - 135	02/06/21 15:46	02/10/21 03:07	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	439		50.4	mg/Kg			02/05/21 06:10	5

Client Sample ID: FS08

Lab Sample ID: 890-135-8

Date Collected: 02/02/21 13:38

Matrix: Solid

Date Received: 02/03/21 14:20

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		02/03/21 20:01	02/04/21 20:33	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		02/03/21 20:01	02/04/21 20:33	1
Toluene	<0.00202	U	0.00202	mg/Kg		02/03/21 20:01	02/04/21 20:33	1
Total BTEX	<0.00202	U	0.00202	mg/Kg		02/03/21 20:01	02/04/21 20:33	1
Xylenes, Total	<0.00202	U	0.00202	mg/Kg		02/03/21 20:01	02/04/21 20:33	1
m,p-Xylenes	<0.00404	U	0.00404	mg/Kg		02/03/21 20:01	02/04/21 20:33	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		02/03/21 20:01	02/04/21 20:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	100		70 - 130	02/03/21 20:01	02/04/21 20:33	1
4-Bromofluorobenzene (Surr)	107		70 - 130	02/03/21 20:01	02/04/21 20:33	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.1	U	50.1	mg/Kg		02/06/21 15:46	02/10/21 03:27	1
Total TPH	<50.1	U	50.1	mg/Kg		02/06/21 15:46	02/10/21 03:27	1
>C10-C28	<50.1	U	50.1	mg/Kg		02/06/21 15:46	02/10/21 03:27	1
>C28-C35	<50.1	U	50.1	mg/Kg		02/06/21 15:46	02/10/21 03:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 135	02/06/21 15:46	02/10/21 03:27	1
o-Terphenyl	94		70 - 135	02/06/21 15:46	02/10/21 03:27	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4180		49.6	mg/Kg			02/05/21 06:15	5

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-135-1
SDG: TE012920151

Client Sample ID: FS09

Lab Sample ID: 890-135-9

Date Collected: 02/02/21 13:40

Matrix: Solid

Date Received: 02/03/21 14:20

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		02/03/21 20:01	02/04/21 21:40	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		02/03/21 20:01	02/04/21 21:40	1
Toluene	<0.00202	U	0.00202	mg/Kg		02/03/21 20:01	02/04/21 21:40	1
Total BTEX	<0.00202	U	0.00202	mg/Kg		02/03/21 20:01	02/04/21 21:40	1
Xylenes, Total	<0.00202	U	0.00202	mg/Kg		02/03/21 20:01	02/04/21 21:40	1
m,p-Xylenes	<0.00404	U	0.00404	mg/Kg		02/03/21 20:01	02/04/21 21:40	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		02/03/21 20:01	02/04/21 21:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	103		70 - 130	02/03/21 20:01	02/04/21 21:40	1
4-Bromofluorobenzene (Surr)	105		70 - 130	02/03/21 20:01	02/04/21 21:40	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.2	U	50.2	mg/Kg		02/06/21 15:46	02/10/21 03:47	1
Total TPH	<50.2	U	50.2	mg/Kg		02/06/21 15:46	02/10/21 03:47	1
>C10-C28	<50.2	U	50.2	mg/Kg		02/06/21 15:46	02/10/21 03:47	1
>C28-C35	<50.2	U	50.2	mg/Kg		02/06/21 15:46	02/10/21 03:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 135	02/06/21 15:46	02/10/21 03:47	1
o-Terphenyl	102		70 - 135	02/06/21 15:46	02/10/21 03:47	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1770		49.8	mg/Kg			02/05/21 06:21	5

Client Sample ID: FS10

Lab Sample ID: 890-135-10

Date Collected: 02/02/21 13:46

Matrix: Solid

Date Received: 02/03/21 14:20

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		02/03/21 20:01	02/04/21 22:03	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		02/03/21 20:01	02/04/21 22:03	1
Toluene	<0.00198	U	0.00198	mg/Kg		02/03/21 20:01	02/04/21 22:03	1
Total BTEX	<0.00198	U	0.00198	mg/Kg		02/03/21 20:01	02/04/21 22:03	1
Xylenes, Total	<0.00198	U	0.00198	mg/Kg		02/03/21 20:01	02/04/21 22:03	1
m,p-Xylenes	<0.00397	U	0.00397	mg/Kg		02/03/21 20:01	02/04/21 22:03	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		02/03/21 20:01	02/04/21 22:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	99		70 - 130	02/03/21 20:01	02/04/21 22:03	1
4-Bromofluorobenzene (Surr)	106		70 - 130	02/03/21 20:01	02/04/21 22:03	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.0	U	50.0	mg/Kg		02/06/21 15:46	02/10/21 04:07	1
Total TPH	<50.0	U	50.0	mg/Kg		02/06/21 15:46	02/10/21 04:07	1
>C10-C28	<50.0	U	50.0	mg/Kg		02/06/21 15:46	02/10/21 04:07	1
>C28-C35	<50.0	U	50.0	mg/Kg		02/06/21 15:46	02/10/21 04:07	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-135-1
SDG: TE012920151

Client Sample ID: FS10

Lab Sample ID: 890-135-10

Date Collected: 02/02/21 13:46

Matrix: Solid

Date Received: 02/03/21 14:20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 135	02/06/21 15:46	02/10/21 04:07	1
o-Terphenyl	87		70 - 135	02/06/21 15:46	02/10/21 04:07	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	251		10.1	mg/Kg			02/05/21 06:27	1

Client Sample ID: FS11

Lab Sample ID: 890-135-11

Date Collected: 02/02/21 14:16

Matrix: Solid

Date Received: 02/03/21 14:20

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		02/03/21 20:01	02/04/21 22:25	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		02/03/21 20:01	02/04/21 22:25	1
Toluene	<0.00199	U	0.00199	mg/Kg		02/03/21 20:01	02/04/21 22:25	1
Total BTEX	<0.00199	U	0.00199	mg/Kg		02/03/21 20:01	02/04/21 22:25	1
Xylenes, Total	<0.00199	U	0.00199	mg/Kg		02/03/21 20:01	02/04/21 22:25	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		02/03/21 20:01	02/04/21 22:25	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		02/03/21 20:01	02/04/21 22:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	100		70 - 130	02/03/21 20:01	02/04/21 22:25	1
4-Bromofluorobenzene (Surr)	103		70 - 130	02/03/21 20:01	02/04/21 22:25	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.2	U	50.2	mg/Kg		02/06/21 15:46	02/10/21 04:28	1
Total TPH	<50.2	U	50.2	mg/Kg		02/06/21 15:46	02/10/21 04:28	1
>C10-C28	<50.2	U	50.2	mg/Kg		02/06/21 15:46	02/10/21 04:28	1
>C28-C35	<50.2	U	50.2	mg/Kg		02/06/21 15:46	02/10/21 04:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 135	02/06/21 15:46	02/10/21 04:28	1
o-Terphenyl	95		70 - 135	02/06/21 15:46	02/10/21 04:28	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	420		50.2	mg/Kg			02/05/21 06:44	5

Client Sample ID: FS12

Lab Sample ID: 890-135-12

Date Collected: 02/02/21 14:18

Matrix: Solid

Date Received: 02/03/21 14:20

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		02/03/21 20:01	02/04/21 22:48	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		02/03/21 20:01	02/04/21 22:48	1
Toluene	<0.00198	U	0.00198	mg/Kg		02/03/21 20:01	02/04/21 22:48	1
Total BTEX	<0.00198	U	0.00198	mg/Kg		02/03/21 20:01	02/04/21 22:48	1
Xylenes, Total	<0.00198	U	0.00198	mg/Kg		02/03/21 20:01	02/04/21 22:48	1
m,p-Xylenes	<0.00396	U	0.00396	mg/Kg		02/03/21 20:01	02/04/21 22:48	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-135-1
SDG: TE012920151

Client Sample ID: FS12

Lab Sample ID: 890-135-12

Date Collected: 02/02/21 14:18

Matrix: Solid

Date Received: 02/03/21 14:20

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00198	U	0.00198	mg/Kg		02/03/21 20:01	02/04/21 22:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	103		70 - 130			02/03/21 20:01	02/04/21 22:48	1
4-Bromofluorobenzene (Surr)	108		70 - 130			02/03/21 20:01	02/04/21 22:48	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.1	U	50.1	mg/Kg		02/06/21 15:46	02/10/21 04:48	1
Total TPH	<50.1	U	50.1	mg/Kg		02/06/21 15:46	02/10/21 04:48	1
>C10-C28	<50.1	U	50.1	mg/Kg		02/06/21 15:46	02/10/21 04:48	1
>C28-C35	<50.1	U	50.1	mg/Kg		02/06/21 15:46	02/10/21 04:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 135			02/06/21 15:46	02/10/21 04:48	1
o-Terphenyl	93		70 - 135			02/06/21 15:46	02/10/21 04:48	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1600		50.1	mg/Kg			02/05/21 06:50	5

Client Sample ID: FS13

Lab Sample ID: 890-135-13

Date Collected: 02/02/21 14:21

Matrix: Solid

Date Received: 02/03/21 14:20

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		02/03/21 20:01	02/04/21 23:32	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		02/03/21 20:01	02/04/21 23:32	1
Toluene	<0.00201	U	0.00201	mg/Kg		02/03/21 20:01	02/04/21 23:32	1
Total BTEX	<0.00201	U	0.00201	mg/Kg		02/03/21 20:01	02/04/21 23:32	1
Xylenes, Total	<0.00201	U	0.00201	mg/Kg		02/03/21 20:01	02/04/21 23:32	1
m,p-Xylenes	<0.00402	U	0.00402	mg/Kg		02/03/21 20:01	02/04/21 23:32	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		02/03/21 20:01	02/04/21 23:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	99		70 - 130			02/03/21 20:01	02/04/21 23:32	1
4-Bromofluorobenzene (Surr)	104		70 - 130			02/03/21 20:01	02/04/21 23:32	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.2	U	50.2	mg/Kg		02/09/21 08:19	02/09/21 15:59	1
Total TPH	<50.2	U	50.2	mg/Kg		02/09/21 08:19	02/09/21 15:59	1
>C10-C28	<50.2	U	50.2	mg/Kg		02/09/21 08:19	02/09/21 15:59	1
>C28-C35	<50.2	U	50.2	mg/Kg		02/09/21 08:19	02/09/21 15:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 135			02/09/21 08:19	02/09/21 15:59	1
o-Terphenyl	92		70 - 135			02/09/21 08:19	02/09/21 15:59	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-135-1
SDG: TE012920151

Client Sample ID: FS13
Date Collected: 02/02/21 14:21
Date Received: 02/03/21 14:20

Lab Sample ID: 890-135-13
Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<50.2	U	50.2	mg/Kg			02/05/21 06:55	5

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Surrogate Summary

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-135-1
SDG: TE012920151

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	DFBZ1 (70-130)	BFB1 (70-130)
890-135-1	FS01	101	107
890-135-2	FS02	103	112
890-135-3	FS03	101	109
890-135-4	FS04	99	104
890-135-5	FS05	100	107
890-135-6	FS06	103	107
890-135-7	FS07	100	111
890-135-8	FS08	100	107
890-135-8 MS	FS08	93	96
890-135-8 MSD	FS08	97	101
890-135-9	FS09	103	105
890-135-10	FS10	99	106
890-135-11	FS11	100	103
890-135-12	FS12	103	108
890-135-13	FS13	99	104
LCS 890-134/2-A	Lab Control Sample	97	95
LCS 890-135/2-A	Lab Control Sample	94	95
LCS 890-136/2-A	Lab Control Sample	97	97
LCSD 890-134/3-A	Lab Control Sample Dup	99	99
LCSD 890-135/3-A	Lab Control Sample Dup	96	94
LCSD 890-136/3-A	Lab Control Sample Dup	94	96
MB 890-134/1-A	Method Blank	98	111
MB 890-135/1-A	Method Blank	99	100
MB 890-136/1-A	Method Blank	102	103

Surrogate Legend

DFBZ = 1,4-Difluorobenzene

BFB = 4-Bromofluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-135)	OTPH1 (70-135)
890-130-A-1-F MS	Matrix Spike	117	106
890-130-A-1-G MSD	Matrix Spike Duplicate	119	108
890-135-1	FS01	96	94
890-135-2	FS02	98	95
890-135-3	FS03	95	94
890-135-4	FS04	91	90
890-135-5	FS05	97	94
890-135-6	FS06	106	102
890-135-7	FS07	105	104
890-135-8	FS08	97	94
890-135-9	FS09	105	102
890-135-10	FS10	88	87
890-135-11	FS11	98	95
890-135-12	FS12	95	93
890-135-13	FS13	93	92

Eurofins Xenco, Carlsbad

Surrogate Summary

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-135-1
SDG: TE012920151

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	1CO1 (70-135)	OTPH1 (70-135)
890-158-A-1-O MS	Matrix Spike	113	102
890-158-A-1-P MSD	Matrix Spike Duplicate	114	102
LCS 890-186/2-A	Lab Control Sample	114	105
LCS 890-214/2-A	Lab Control Sample	108	98
LCSD 890-186/3-A	Lab Control Sample Dup	110	100
LCSD 890-214/3-A	Lab Control Sample Dup	101	91
MB 890-186/1-A	Method Blank	96	94
MB 890-214/1-A	Method Blank	91	89

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-135-1
SDG: TE012920151

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 890-134/1-A

Matrix: Solid

Analysis Batch: 146

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 134

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/03/21 19:53	02/05/21 06:48	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/03/21 19:53	02/05/21 06:48	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/03/21 19:53	02/05/21 06:48	1
Total BTEX	<0.00200	U	0.00200	mg/Kg		02/03/21 19:53	02/05/21 06:48	1
Xylenes, Total	<0.00200	U	0.00200	mg/Kg		02/03/21 19:53	02/05/21 06:48	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		02/03/21 19:53	02/05/21 06:48	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/03/21 19:53	02/05/21 06:48	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	98		70 - 130	02/03/21 19:53	02/05/21 06:48	1
4-Bromofluorobenzene (Surr)	111		70 - 130	02/03/21 19:53	02/05/21 06:48	1

Lab Sample ID: LCS 890-134/2-A

Matrix: Solid

Analysis Batch: 146

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 134

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09494		mg/Kg		95	70 - 130
Ethylbenzene	0.100	0.09299		mg/Kg		93	71 - 129
Toluene	0.100	0.09355		mg/Kg		94	70 - 130
m,p-Xylenes	0.200	0.1846		mg/Kg		92	70 - 135
o-Xylene	0.100	0.09335		mg/Kg		93	71 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,4-Difluorobenzene	97		70 - 130
4-Bromofluorobenzene (Surr)	95		70 - 130

Lab Sample ID: LCSD 890-134/3-A

Matrix: Solid

Analysis Batch: 146

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 134

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.1002		mg/Kg		100	70 - 130	5	35
Ethylbenzene	0.100	0.09780		mg/Kg		98	71 - 129	5	35
Toluene	0.100	0.09930		mg/Kg		99	70 - 130	6	35
m,p-Xylenes	0.200	0.1894		mg/Kg		95	70 - 135	3	35
o-Xylene	0.100	0.09894		mg/Kg		99	71 - 133	6	35

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

Lab Sample ID: MB 890-135/1-A

Matrix: Solid

Analysis Batch: 146

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 135

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/03/21 20:01	02/04/21 19:25	1

Eurofins Xenco, Carlsbad

QC Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-135-1
SDG: TE012920151

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

Lab Sample ID: MB 890-135/1-A

Matrix: Solid

Analysis Batch: 146

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 135

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/03/21 20:01	02/04/21 19:25	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/03/21 20:01	02/04/21 19:25	1
Total BTEX	<0.00200	U	0.00200	mg/Kg		02/03/21 20:01	02/04/21 19:25	1
Xylenes, Total	<0.00200	U	0.00200	mg/Kg		02/03/21 20:01	02/04/21 19:25	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		02/03/21 20:01	02/04/21 19:25	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/03/21 20:01	02/04/21 19:25	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	99		70 - 130	02/03/21 20:01	02/04/21 19:25	1
4-Bromofluorobenzene (Surr)	100		70 - 130	02/03/21 20:01	02/04/21 19:25	1

Lab Sample ID: LCS 890-135/2-A

Matrix: Solid

Analysis Batch: 146

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 135

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09222		mg/Kg		92	70 - 130
Ethylbenzene	0.100	0.09531		mg/Kg		95	71 - 129
Toluene	0.100	0.09397		mg/Kg		94	70 - 130
m,p-Xylenes	0.200	0.1855		mg/Kg		93	70 - 135
o-Xylene	0.100	0.09259		mg/Kg		93	71 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,4-Difluorobenzene	94		70 - 130
4-Bromofluorobenzene (Surr)	95		70 - 130

Lab Sample ID: LCSD 890-135/3-A

Matrix: Solid

Analysis Batch: 146

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 135

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.09560		mg/Kg		96	70 - 130	4	35
Ethylbenzene	0.100	0.09322		mg/Kg		93	71 - 129	2	35
Toluene	0.100	0.09098		mg/Kg		91	70 - 130	3	35
m,p-Xylenes	0.200	0.1897		mg/Kg		95	70 - 135	2	35
o-Xylene	0.100	0.09249		mg/Kg		92	71 - 133	0	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,4-Difluorobenzene	96		70 - 130
4-Bromofluorobenzene (Surr)	94		70 - 130

Lab Sample ID: 890-135-8 MS

Matrix: Solid

Analysis Batch: 146

Client Sample ID: FS08

Prep Type: Total/NA

Prep Batch: 135

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00202	U	0.0996	0.09744		mg/Kg		98	70 - 130
Ethylbenzene	<0.00202	U	0.0996	0.09063		mg/Kg		91	71 - 129

Eurofins Xenco, Carlsbad

QC Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-135-1
SDG: TE012920151

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

Lab Sample ID: 890-135-8 MS

Matrix: Solid

Analysis Batch: 146

Client Sample ID: FS08

Prep Type: Total/NA

Prep Batch: 135

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	<0.00202	U	0.0996	0.09104		mg/Kg		91	70 - 130
m,p-Xylenes	<0.00404	U	0.199	0.1803		mg/Kg		91	70 - 135
o-Xylene	<0.00202	U	0.0996	0.09027		mg/Kg		91	71 - 133

Surrogate	MS %Recovery	MS Qualifier	Limits
1,4-Difluorobenzene	93		70 - 130
4-Bromofluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 890-135-8 MSD

Matrix: Solid

Analysis Batch: 146

Client Sample ID: FS08

Prep Type: Total/NA

Prep Batch: 135

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	<0.00202	U	0.100	0.1038		mg/Kg		103	70 - 130	6	35
Ethylbenzene	<0.00202	U	0.100	0.1013		mg/Kg		101	71 - 129	11	35
Toluene	<0.00202	U	0.100	0.1027		mg/Kg		102	70 - 130	12	35
m,p-Xylenes	<0.00404	U	0.201	0.2042		mg/Kg		102	70 - 135	12	35
o-Xylene	<0.00202	U	0.100	0.1028		mg/Kg		102	71 - 133	13	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,4-Difluorobenzene	97		70 - 130
4-Bromofluorobenzene (Surr)	101		70 - 130

Lab Sample ID: MB 890-136/1-A

Matrix: Solid

Analysis Batch: 146

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 136

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/03/21 20:06	02/05/21 20:06	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/03/21 20:06	02/05/21 20:06	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/03/21 20:06	02/05/21 20:06	1
Total BTEX	<0.00200	U	0.00200	mg/Kg		02/03/21 20:06	02/05/21 20:06	1
Xylenes, Total	<0.00200	U	0.00200	mg/Kg		02/03/21 20:06	02/05/21 20:06	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		02/03/21 20:06	02/05/21 20:06	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/03/21 20:06	02/05/21 20:06	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	102		70 - 130	02/03/21 20:06	02/05/21 20:06	1
4-Bromofluorobenzene (Surr)	103		70 - 130	02/03/21 20:06	02/05/21 20:06	1

Lab Sample ID: LCS 890-136/2-A

Matrix: Solid

Analysis Batch: 146

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 136

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09769		mg/Kg		98	70 - 130
Ethylbenzene	0.100	0.09480		mg/Kg		95	71 - 129
Toluene	0.100	0.09539		mg/Kg		95	70 - 130

Eurofins Xenco, Carlsbad

QC Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-135-1
SDG: TE012920151

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

Lab Sample ID: LCS 890-136/2-A

Matrix: Solid

Analysis Batch: 146

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 136

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
m,p-Xylenes	0.200	0.1870		mg/Kg		94	70 - 135
o-Xylene	0.100	0.09692		mg/Kg		97	71 - 133

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

Lab Sample ID: LCSD 890-136/3-A

Matrix: Solid

Analysis Batch: 146

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 136

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.09775		mg/Kg		98	70 - 130	0	35
Ethylbenzene	0.100	0.09646		mg/Kg		96	71 - 129	2	35
Toluene	0.100	0.09628		mg/Kg		96	70 - 130	1	35
m,p-Xylenes	0.200	0.1919		mg/Kg		96	70 - 135	3	35
o-Xylene	0.100	0.09522		mg/Kg		95	71 - 133	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,4-Difluorobenzene	94		70 - 130
4-Bromofluorobenzene (Surr)	96		70 - 130

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

Lab Sample ID: MB 890-186/1-A

Matrix: Solid

Analysis Batch: 215

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 186

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.0	U	50.0	mg/Kg		02/06/21 15:46	02/09/21 19:43	1
Total TPH	<50.0	U	50.0	mg/Kg		02/06/21 15:46	02/09/21 19:43	1
>C10-C28	<50.0	U	50.0	mg/Kg		02/06/21 15:46	02/09/21 19:43	1
>C28-C35	<50.0	U	50.0	mg/Kg		02/06/21 15:46	02/09/21 19:43	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 135	02/06/21 15:46	02/09/21 19:43	1
o-Terphenyl	94		70 - 135	02/06/21 15:46	02/09/21 19:43	1

Lab Sample ID: LCS 890-186/2-A

Matrix: Solid

Analysis Batch: 215

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 186

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C6-C10	1000	1044		mg/Kg		104	70 - 135
>C10-C28	1000	1004		mg/Kg		100	70 - 135

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	114		70 - 135

Eurofins Xenco, Carlsbad

QC Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-135-1
SDG: TE012920151

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

Lab Sample ID: LCS 890-186/2-A

Matrix: Solid

Analysis Batch: 215

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 186

Surrogate	LCS %Recovery	LCS Qualifier	Limits
o-Terphenyl	105		70 - 135

Lab Sample ID: LCSD 890-186/3-A

Matrix: Solid

Analysis Batch: 215

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 186

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
C6-C10	1000	1052		mg/Kg		105	70 - 135	1	25
>C10-C28	1000	1044		mg/Kg		104	70 - 135	4	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	110		70 - 135
o-Terphenyl	100		70 - 135

Lab Sample ID: 890-130-A-1-F MS

Matrix: Solid

Analysis Batch: 215

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 186

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
C6-C10	<50.3	U	997	1090		mg/Kg		109	70 - 135
Total TPH	<50.3	U	1990	2154		mg/Kg		0	
>C10-C28	<50.3	U	997	1064		mg/Kg		107	70 - 135

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	117		70 - 135
o-Terphenyl	106		70 - 135

Lab Sample ID: 890-130-A-1-G MSD

Matrix: Solid

Analysis Batch: 215

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 186

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
C6-C10	<50.3	U	1000	1054		mg/Kg		105	70 - 135	3	35
Total TPH	<50.3	U	2000	2108		mg/Kg		0		NC	
>C10-C28	<50.3	U	1000	1054		mg/Kg		105	70 - 135	1	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	119		70 - 135
o-Terphenyl	108		70 - 135

Lab Sample ID: MB 890-214/1-A

Matrix: Solid

Analysis Batch: 215

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 214

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.0	U	50.0	mg/Kg		02/09/21 08:19	02/09/21 09:29	1
Total TPH	<50.0	U	50.0	mg/Kg		02/09/21 08:19	02/09/21 09:29	1
>C10-C28	<50.0	U	50.0	mg/Kg		02/09/21 08:19	02/09/21 09:29	1

Eurofins Xenco, Carlsbad

QC Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-135-1
SDG: TE012920151

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

Lab Sample ID: MB 890-214/1-A

Matrix: Solid

Analysis Batch: 215

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 214

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
>C28-C35	<50.0	U	50.0	mg/Kg		02/09/21 08:19	02/09/21 09:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 135	02/09/21 08:19	02/09/21 09:29	1
o-Terphenyl	89		70 - 135	02/09/21 08:19	02/09/21 09:29	1

Lab Sample ID: LCS 890-214/2-A

Matrix: Solid

Analysis Batch: 215

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 214

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C6-C10	1000	1016		mg/Kg		102	70 - 135
>C10-C28	1000	1012		mg/Kg		101	70 - 135

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	108		70 - 135
o-Terphenyl	98		70 - 135

Lab Sample ID: LCSD 890-214/3-A

Matrix: Solid

Analysis Batch: 215

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 214

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
C6-C10	1000	969.0		mg/Kg		97	70 - 135	5	25
>C10-C28	1000	977.0		mg/Kg		98	70 - 135	4	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	101		70 - 135
o-Terphenyl	91		70 - 135

Lab Sample ID: 890-158-A-1-O MS

Matrix: Solid

Analysis Batch: 215

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 214

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
C6-C10	<50.0	U	997	1020		mg/Kg		102	70 - 135
Total TPH	<50.0	U	1990	2033		mg/Kg		0	
>C10-C28	<50.0	U	997	1013		mg/Kg		98	70 - 135

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	113		70 - 135
o-Terphenyl	102		70 - 135

Eurofins Xenco, Carlsbad

QC Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-135-1
SDG: TE012920151

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

Lab Sample ID: 890-158-A-1-P MSD

Matrix: Solid

Analysis Batch: 215

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 214

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C6-C10	<50.0	U	995	1068		mg/Kg		107	70 - 135	5	35
Total TPH	<50.0	U	1990	2118		mg/Kg		0		NC	
>C10-C28	<50.0	U	995	1050		mg/Kg		102	70 - 135	4	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	114		70 - 135								
o-Terphenyl	102		70 - 135								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 890-133/1-A

Matrix: Solid

Analysis Batch: 137

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0	mg/Kg			02/03/21 20:49	1

Lab Sample ID: LCS 890-133/2-A

Matrix: Solid

Analysis Batch: 137

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	500	496.2		mg/Kg		99	90 - 110

Lab Sample ID: LCSD 890-133/3-A

Matrix: Solid

Analysis Batch: 137

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	500	493.5		mg/Kg		99	90 - 110	1	20

Lab Sample ID: 890-128-A-1-C MS

Matrix: Solid

Analysis Batch: 137

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	1160	F1	498	1711		mg/Kg		110	90 - 110

Lab Sample ID: 890-128-A-1-D MSD

Matrix: Solid

Analysis Batch: 137

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	1160	F1	499	1585	F1	mg/Kg		84	90 - 110	8	20

Eurofins Xenco, Carlsbad

QC Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-135-1
SDG: TE012920151

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-134-A-1-B MS

Matrix: Solid

Analysis Batch: 137

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	82.2		500	588.7		mg/Kg		101	90 - 110

Lab Sample ID: 890-134-A-1-C MSD

Matrix: Solid

Analysis Batch: 137

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	82.2		499	551.1		mg/Kg		94	90 - 110	7	20

Lab Sample ID: MB 890-141/1-A

Matrix: Solid

Analysis Batch: 150

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0	mg/Kg			02/05/21 05:36	1

Lab Sample ID: LCS 890-141/2-A

Matrix: Solid

Analysis Batch: 150

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	500	534.4		mg/Kg		107	90 - 110

Lab Sample ID: LCSD 890-141/3-A

Matrix: Solid

Analysis Batch: 150

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	500	534.9		mg/Kg		107	90 - 110	0	20

Lab Sample ID: 890-135-6 MS

Matrix: Solid

Analysis Batch: 150

Client Sample ID: FS06

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	1340	F1	498	1815		mg/Kg		95	90 - 110

Lab Sample ID: 890-135-6 MSD

Matrix: Solid

Analysis Batch: 150

Client Sample ID: FS06

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	1340	F1	499	1773	F1	mg/Kg		86	90 - 110	2	20

Eurofins Xenco, Carlsbad

QC Association Summary

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-135-1
SDG: TE012920151

GC VOA

Prep Batch: 134

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-135-1	FS01	Total/NA	Solid	5030C	
890-135-2	FS02	Total/NA	Solid	5030C	
890-135-3	FS03	Total/NA	Solid	5030C	
890-135-4	FS04	Total/NA	Solid	5030C	
890-135-5	FS05	Total/NA	Solid	5030C	
890-135-6	FS06	Total/NA	Solid	5030C	
890-135-7	FS07	Total/NA	Solid	5030C	
MB 890-134/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 890-134/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCSD 890-134/3-A	Lab Control Sample Dup	Total/NA	Solid	5030C	

Prep Batch: 135

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-135-8	FS08	Total/NA	Solid	5030C	
890-135-9	FS09	Total/NA	Solid	5030C	
890-135-10	FS10	Total/NA	Solid	5030C	
890-135-11	FS11	Total/NA	Solid	5030C	
890-135-12	FS12	Total/NA	Solid	5030C	
890-135-13	FS13	Total/NA	Solid	5030C	
MB 890-135/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 890-135/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCSD 890-135/3-A	Lab Control Sample Dup	Total/NA	Solid	5030C	
890-135-8 MS	FS08	Total/NA	Solid	5030C	
890-135-8 MSD	FS08	Total/NA	Solid	5030C	

Prep Batch: 136

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 890-136/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 890-136/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCSD 890-136/3-A	Lab Control Sample Dup	Total/NA	Solid	5030C	

Analysis Batch: 146

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-135-1	FS01	Total/NA	Solid	8021B	134
890-135-2	FS02	Total/NA	Solid	8021B	134
890-135-3	FS03	Total/NA	Solid	8021B	134
890-135-4	FS04	Total/NA	Solid	8021B	134
890-135-5	FS05	Total/NA	Solid	8021B	134
890-135-6	FS06	Total/NA	Solid	8021B	134
890-135-7	FS07	Total/NA	Solid	8021B	134
890-135-8	FS08	Total/NA	Solid	8021B	135
890-135-9	FS09	Total/NA	Solid	8021B	135
890-135-10	FS10	Total/NA	Solid	8021B	135
890-135-11	FS11	Total/NA	Solid	8021B	135
890-135-12	FS12	Total/NA	Solid	8021B	135
890-135-13	FS13	Total/NA	Solid	8021B	135
MB 890-134/1-A	Method Blank	Total/NA	Solid	8021B	134
MB 890-135/1-A	Method Blank	Total/NA	Solid	8021B	135
MB 890-136/1-A	Method Blank	Total/NA	Solid	8021B	136
LCS 890-134/2-A	Lab Control Sample	Total/NA	Solid	8021B	134
LCS 890-135/2-A	Lab Control Sample	Total/NA	Solid	8021B	135

Eurofins Xenco, Carlsbad

QC Association Summary

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-135-1
SDG: TE012920151

GC VOA (Continued)

Analysis Batch: 146 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 890-136/2-A	Lab Control Sample	Total/NA	Solid	8021B	136
LCSD 890-134/3-A	Lab Control Sample Dup	Total/NA	Solid	8021B	134
LCSD 890-135/3-A	Lab Control Sample Dup	Total/NA	Solid	8021B	135
LCSD 890-136/3-A	Lab Control Sample Dup	Total/NA	Solid	8021B	136
890-135-8 MS	FS08	Total/NA	Solid	8021B	135
890-135-8 MSD	FS08	Total/NA	Solid	8021B	135

GC Semi VOA

Prep Batch: 186

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-135-1	FS01	Total/NA	Solid	8015NM Prep	
890-135-2	FS02	Total/NA	Solid	8015NM Prep	
890-135-3	FS03	Total/NA	Solid	8015NM Prep	
890-135-4	FS04	Total/NA	Solid	8015NM Prep	
890-135-5	FS05	Total/NA	Solid	8015NM Prep	
890-135-6	FS06	Total/NA	Solid	8015NM Prep	
890-135-7	FS07	Total/NA	Solid	8015NM Prep	
890-135-8	FS08	Total/NA	Solid	8015NM Prep	
890-135-9	FS09	Total/NA	Solid	8015NM Prep	
890-135-10	FS10	Total/NA	Solid	8015NM Prep	
890-135-11	FS11	Total/NA	Solid	8015NM Prep	
890-135-12	FS12	Total/NA	Solid	8015NM Prep	
MB 890-186/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 890-186/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 890-186/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-130-A-1-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-130-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 214

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-135-13	FS13	Total/NA	Solid	8015NM Prep	
MB 890-214/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 890-214/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 890-214/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-158-A-1-O MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-158-A-1-P MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 215

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-135-1	FS01	Total/NA	Solid	8015B NM	186
890-135-2	FS02	Total/NA	Solid	8015B NM	186
890-135-3	FS03	Total/NA	Solid	8015B NM	186
890-135-4	FS04	Total/NA	Solid	8015B NM	186
890-135-5	FS05	Total/NA	Solid	8015B NM	186
890-135-6	FS06	Total/NA	Solid	8015B NM	186
890-135-7	FS07	Total/NA	Solid	8015B NM	186
890-135-8	FS08	Total/NA	Solid	8015B NM	186
890-135-9	FS09	Total/NA	Solid	8015B NM	186
890-135-10	FS10	Total/NA	Solid	8015B NM	186
890-135-11	FS11	Total/NA	Solid	8015B NM	186

Eurofins Xenco, Carlsbad

QC Association Summary

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-135-1
SDG: TE012920151

GC Semi VOA (Continued)

Analysis Batch: 215 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-135-12	FS12	Total/NA	Solid	8015B NM	186
890-135-13	FS13	Total/NA	Solid	8015B NM	214
MB 890-186/1-A	Method Blank	Total/NA	Solid	8015B NM	186
MB 890-214/1-A	Method Blank	Total/NA	Solid	8015B NM	214
LCS 890-186/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	186
LCS 890-214/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	214
LCSD 890-186/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	186
LCSD 890-214/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	214
890-130-A-1-F MS	Matrix Spike	Total/NA	Solid	8015B NM	186
890-130-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	186
890-158-A-1-O MS	Matrix Spike	Total/NA	Solid	8015B NM	214
890-158-A-1-P MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	214

HPLC/IC

Leach Batch: 133

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-135-1	FS01	Soluble	Solid	DI Leach	
890-135-2	FS02	Soluble	Solid	DI Leach	
890-135-3	FS03	Soluble	Solid	DI Leach	
890-135-4	FS04	Soluble	Solid	DI Leach	
890-135-5	FS05	Soluble	Solid	DI Leach	
MB 890-133/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 890-133/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 890-133/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-128-A-1-C MS	Matrix Spike	Soluble	Solid	DI Leach	
890-128-A-1-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	
890-134-A-1-B MS	Matrix Spike	Soluble	Solid	DI Leach	
890-134-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 137

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-135-1	FS01	Soluble	Solid	300.0	133
890-135-2	FS02	Soluble	Solid	300.0	133
890-135-3	FS03	Soluble	Solid	300.0	133
890-135-4	FS04	Soluble	Solid	300.0	133
890-135-5	FS05	Soluble	Solid	300.0	133
MB 890-133/1-A	Method Blank	Soluble	Solid	300.0	133
LCS 890-133/2-A	Lab Control Sample	Soluble	Solid	300.0	133
LCSD 890-133/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	133
890-128-A-1-C MS	Matrix Spike	Soluble	Solid	300.0	133
890-128-A-1-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	133
890-134-A-1-B MS	Matrix Spike	Soluble	Solid	300.0	133
890-134-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	133

Leach Batch: 141

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-135-6	FS06	Soluble	Solid	DI Leach	
890-135-7	FS07	Soluble	Solid	DI Leach	
890-135-8	FS08	Soluble	Solid	DI Leach	
890-135-9	FS09	Soluble	Solid	DI Leach	

Eurofins Xenco, Carlsbad

QC Association Summary

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-135-1
SDG: TE012920151

HPLC/IC (Continued)

Leach Batch: 141 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-135-10	FS10	Soluble	Solid	DI Leach	
890-135-11	FS11	Soluble	Solid	DI Leach	
890-135-12	FS12	Soluble	Solid	DI Leach	
890-135-13	FS13	Soluble	Solid	DI Leach	
MB 890-141/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 890-141/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 890-141/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-135-6 MS	FS06	Soluble	Solid	DI Leach	
890-135-6 MSD	FS06	Soluble	Solid	DI Leach	

Analysis Batch: 150

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-135-6	FS06	Soluble	Solid	300.0	141
890-135-7	FS07	Soluble	Solid	300.0	141
890-135-8	FS08	Soluble	Solid	300.0	141
890-135-9	FS09	Soluble	Solid	300.0	141
890-135-10	FS10	Soluble	Solid	300.0	141
890-135-11	FS11	Soluble	Solid	300.0	141
890-135-12	FS12	Soluble	Solid	300.0	141
890-135-13	FS13	Soluble	Solid	300.0	141
MB 890-141/1-A	Method Blank	Soluble	Solid	300.0	141
LCS 890-141/2-A	Lab Control Sample	Soluble	Solid	300.0	141
LCSD 890-141/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	141
890-135-6 MS	FS06	Soluble	Solid	300.0	141
890-135-6 MSD	FS06	Soluble	Solid	300.0	141

Lab Chronicle

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-135-1
SDG: TE012920151

Client Sample ID: FS01

Lab Sample ID: 890-135-1

Date Collected: 02/02/21 10:45

Matrix: Solid

Date Received: 02/03/21 14:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			134	02/03/21 19:53	MC	XC
Total/NA	Analysis	8021B		1	146	02/05/21 14:06	PXS	XC
Total/NA	Prep	8015NM Prep			186	02/06/21 15:46	MC	XC
Total/NA	Analysis	8015B NM		1	215	02/10/21 00:46	BJH	XC
Soluble	Leach	DI Leach			133	02/03/21 17:27	MC	XC
Soluble	Analysis	300.0		10	137	02/03/21 23:16	MC	XC

Client Sample ID: FS02

Lab Sample ID: 890-135-2

Date Collected: 02/02/21 10:48

Matrix: Solid

Date Received: 02/03/21 14:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			134	02/03/21 19:53	MC	XC
Total/NA	Analysis	8021B		1	146	02/05/21 14:28	PXS	XC
Total/NA	Prep	8015NM Prep			186	02/06/21 15:46	MC	XC
Total/NA	Analysis	8015B NM		1	215	02/10/21 01:06	BJH	XC
Soluble	Leach	DI Leach			133	02/03/21 17:27	MC	XC
Soluble	Analysis	300.0		10	137	02/03/21 23:22	MC	XC

Client Sample ID: FS03

Lab Sample ID: 890-135-3

Date Collected: 02/02/21 12:36

Matrix: Solid

Date Received: 02/03/21 14:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			134	02/03/21 19:53	MC	XC
Total/NA	Analysis	8021B		1	146	02/06/21 06:12	PXS	XC
Total/NA	Prep	8015NM Prep			186	02/06/21 15:46	MC	XC
Total/NA	Analysis	8015B NM		1	215	02/10/21 01:26	BJH	XC
Soluble	Leach	DI Leach			133	02/03/21 17:27	MC	XC
Soluble	Analysis	300.0		5	137	02/03/21 23:28	MC	XC

Client Sample ID: FS04

Lab Sample ID: 890-135-4

Date Collected: 02/02/21 12:27

Matrix: Solid

Date Received: 02/03/21 14:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			134	02/03/21 19:53	MC	XC
Total/NA	Analysis	8021B		1	146	02/05/21 15:35	PXS	XC
Total/NA	Prep	8015NM Prep			186	02/06/21 15:46	MC	XC
Total/NA	Analysis	8015B NM		1	215	02/10/21 01:46	BJH	XC
Soluble	Leach	DI Leach			133	02/03/21 17:27	MC	XC
Soluble	Analysis	300.0		5	137	02/03/21 23:33	MC	XC

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-135-1
SDG: TE012920151

Client Sample ID: FS05

Lab Sample ID: 890-135-5

Date Collected: 02/02/21 12:31

Matrix: Solid

Date Received: 02/03/21 14:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			134	02/03/21 19:53	MC	XC
Total/NA	Analysis	8021B		1	146	02/05/21 16:18	PXS	XC
Total/NA	Prep	8015NM Prep			186	02/06/21 15:46	MC	XC
Total/NA	Analysis	8015B NM		1	215	02/10/21 02:07	BJH	XC
Soluble	Leach	DI Leach			133	02/03/21 17:27	MC	XC
Soluble	Analysis	300.0		10	137	02/03/21 23:39	MC	XC

Client Sample ID: FS06

Lab Sample ID: 890-135-6

Date Collected: 02/02/21 12:39

Matrix: Solid

Date Received: 02/03/21 14:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			134	02/03/21 19:53	MC	XC
Total/NA	Analysis	8021B		1	146	02/05/21 18:59	PXS	XC
Total/NA	Prep	8015NM Prep			186	02/06/21 15:46	MC	XC
Total/NA	Analysis	8015B NM		1	215	02/10/21 02:27	BJH	XC
Soluble	Leach	DI Leach			141	02/04/21 09:16	MC	XC
Soluble	Analysis	300.0		5	150	02/05/21 05:53	A1S	XC

Client Sample ID: FS07

Lab Sample ID: 890-135-7

Date Collected: 02/02/21 12:41

Matrix: Solid

Date Received: 02/03/21 14:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			134	02/03/21 19:53	MC	XC
Total/NA	Analysis	8021B		1	146	02/05/21 19:21	PXS	XC
Total/NA	Prep	8015NM Prep			186	02/06/21 15:46	MC	XC
Total/NA	Analysis	8015B NM		1	215	02/10/21 03:07	BJH	XC
Soluble	Leach	DI Leach			141	02/04/21 09:16	MC	XC
Soluble	Analysis	300.0		5	150	02/05/21 06:10	A1S	XC

Client Sample ID: FS08

Lab Sample ID: 890-135-8

Date Collected: 02/02/21 13:38

Matrix: Solid

Date Received: 02/03/21 14:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			135	02/03/21 20:01	MC	XC
Total/NA	Analysis	8021B		1	146	02/04/21 20:33	PXS	XC
Total/NA	Prep	8015NM Prep			186	02/06/21 15:46	MC	XC
Total/NA	Analysis	8015B NM		1	215	02/10/21 03:27	BJH	XC
Soluble	Leach	DI Leach			141	02/04/21 09:16	MC	XC
Soluble	Analysis	300.0		5	150	02/05/21 06:15	A1S	XC

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-135-1
SDG: TE012920151

Client Sample ID: FS09

Lab Sample ID: 890-135-9

Date Collected: 02/02/21 13:40

Matrix: Solid

Date Received: 02/03/21 14:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			135	02/03/21 20:01	MC	XC
Total/NA	Analysis	8021B		1	146	02/04/21 21:40	PXS	XC
Total/NA	Prep	8015NM Prep			186	02/06/21 15:46	MC	XC
Total/NA	Analysis	8015B NM		1	215	02/10/21 03:47	BJH	XC
Soluble	Leach	DI Leach			141	02/04/21 09:16	MC	XC
Soluble	Analysis	300.0		5	150	02/05/21 06:21	A1S	XC

Client Sample ID: FS10

Lab Sample ID: 890-135-10

Date Collected: 02/02/21 13:46

Matrix: Solid

Date Received: 02/03/21 14:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			135	02/03/21 20:01	MC	XC
Total/NA	Analysis	8021B		1	146	02/04/21 22:03	PXS	XC
Total/NA	Prep	8015NM Prep			186	02/06/21 15:46	MC	XC
Total/NA	Analysis	8015B NM		1	215	02/10/21 04:07	BJH	XC
Soluble	Leach	DI Leach			141	02/04/21 09:16	MC	XC
Soluble	Analysis	300.0		1	150	02/05/21 06:27	A1S	XC

Client Sample ID: FS11

Lab Sample ID: 890-135-11

Date Collected: 02/02/21 14:16

Matrix: Solid

Date Received: 02/03/21 14:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			135	02/03/21 20:01	MC	XC
Total/NA	Analysis	8021B		1	146	02/04/21 22:25	PXS	XC
Total/NA	Prep	8015NM Prep			186	02/06/21 15:46	MC	XC
Total/NA	Analysis	8015B NM		1	215	02/10/21 04:28	BJH	XC
Soluble	Leach	DI Leach			141	02/04/21 09:16	MC	XC
Soluble	Analysis	300.0		5	150	02/05/21 06:44	A1S	XC

Client Sample ID: FS12

Lab Sample ID: 890-135-12

Date Collected: 02/02/21 14:18

Matrix: Solid

Date Received: 02/03/21 14:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			135	02/03/21 20:01	MC	XC
Total/NA	Analysis	8021B		1	146	02/04/21 22:48	PXS	XC
Total/NA	Prep	8015NM Prep			186	02/06/21 15:46	MC	XC
Total/NA	Analysis	8015B NM		1	215	02/10/21 04:48	BJH	XC
Soluble	Leach	DI Leach			141	02/04/21 09:16	MC	XC
Soluble	Analysis	300.0		5	150	02/05/21 06:50	A1S	XC

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-135-1
SDG: TE012920151

Client Sample ID: FS13**Lab Sample ID: 890-135-13****Date Collected: 02/02/21 14:21****Matrix: Solid****Date Received: 02/03/21 14:20**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			135	02/03/21 20:01	MC	XC
Total/NA	Analysis	8021B		1	146	02/04/21 23:32	PXS	XC
Total/NA	Prep	8015NM Prep			214	02/09/21 08:19		XC
Total/NA	Analysis	8015B NM		1	215	02/09/21 15:59	BJH	XC
Soluble	Leach	DI Leach			141	02/04/21 09:16	MC	XC
Soluble	Analysis	300.0		5	150	02/05/21 06:55	A1S	XC

Laboratory References:

XC = Eurofins Xenco, Carlsbad, 1089 N Canal St., Carlsbad, NM 88220, TEL (575)988-3199

Accreditation/Certification Summary

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-135-1
SDG: TE012920151

Laboratory: Eurofins Xenco, Carlsbad

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

Authority	Program	Identification Number	Expiration Date
Louisiana	NELAP	05092	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	>C10-C28
8015B NM	8015NM Prep	Solid	>C28-C35
8015B NM	8015NM Prep	Solid	Total TPH
8021B	5030C	Solid	Total BTEX

Eurofins Xenco, Carlsbad

Method Summary

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-135-1
SDG: TE012920151

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XC
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XC
300.0	Anions, Ion Chromatography	MCAWW	XC
5030C	Purge and Trap	SW846	XC
8015NM Prep	Microextraction	SW846	XC
DI Leach	Deionized Water Leaching Procedure	ASTM	XC

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:

XC = Eurofins Xenco, Carlsbad, 1089 N Canal St., Carlsbad, NM 88220, TEL (575)988-3199

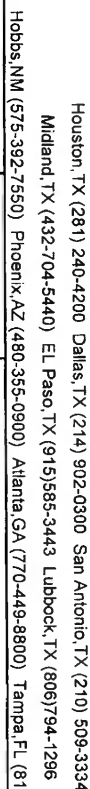
Eurofins Xenco, Carlsbad

Sample Summary

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-135-1
SDG: TE012920151

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
890-135-1	FS01	Solid	02/02/21 10:45	02/03/21 14:20	
890-135-2	FS02	Solid	02/02/21 10:48	02/03/21 14:20	
890-135-3	FS03	Solid	02/02/21 12:36	02/03/21 14:20	
890-135-4	FS04	Solid	02/02/21 12:27	02/03/21 14:20	
890-135-5	FS05	Solid	02/02/21 12:31	02/03/21 14:20	
890-135-6	FS06	Solid	02/02/21 12:39	02/03/21 14:20	
890-135-7	FS07	Solid	02/02/21 12:41	02/03/21 14:20	
890-135-8	FS08	Solid	02/02/21 13:38	02/03/21 14:20	
890-135-9	FS09	Solid	02/02/21 13:40	02/03/21 14:20	
890-135-10	FS10	Solid	02/02/21 13:46	02/03/21 14:20	
890-135-11	FS11	Solid	02/02/21 14:16	02/03/21 14:20	
890-135-12	FS12	Solid	02/02/21 14:18	02/03/21 14:20	
890-135-13	FS13	Solid	02/02/21 14:21	02/03/21 14:20	



Chain of Custody

Work Order No:

2/10/2021

Project Manager:	Kalei Jennings	Bill to: (if different)	Kyle Littlell
Company Name:	WSP USA Inc., Permian office	Company Name:	XTO Energy
Address:	3300 North A St. Bldg 1, Unit 222	Address:	3104 E Greene St.
City, State ZIP:	Midland, TX 79705	City, State ZIP:	Carlsbad, NM
Phone:	(432) 704-5178	Email:	travis.casey@wsp.com, kalei.jennings@wsp.com, dan.moir@wsp.com

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

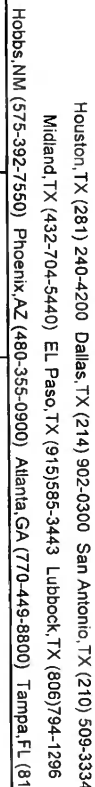
Project Name:	Corral Canyon 10	Turn Around
Project Number:	TE012920151	Routine ☒
P.O. Number:	spill date 10/07/2020	Rush:
Sampler's Name:	Travis Casey	Due Date:

SAMPLE RECEIPT		Temp Blank:	☒ Yes	☐ No	Well Ice:	☒ Yes	☐ No
Temperature (°C):	1.0 / 6.5						
Received Intact:	☒ Yes ☐ No	Thermometer ID	TMM-007				
Coder Custody Seals:	Yes ☒ No ☐ N/A	Correction Factor:	-0.2				
Sample Custody Seals:	Yes ☐ No ☒ N/A	Total Containers:					

Sample Identification					Matrix	Date Sampled	Time Sampled	Depth	Number	TPH (EPA)	BTEX (EPA)	Chloride	Sample Comments																			
														FS01	S	2/2/2021	1045	1'	1	X	X	X										
														FS02	S	2/2/2021	1048	1'	1	X	X	X										
														FS03	S	2/2/2021	1236	1'	1	X	X	X										
														FS04	S	2/2/2021	1227	1'	1	X	X	X										
														FS05	S	2/2/2021	1231	1'	1	X	X	X										
														FS06	S	2/2/2021	1239	1'	1	X	X	X										
														FS07	S	2/2/2021	1241	1'	1	X	X	X										
														FS08	S	2/2/2021	1338	1'	1	X	X	X										
														FS09	S	2/2/2021	1340	1'	1	X	X	X										
														FS10	S	2/2/2021	1346	1'	1	X	X	X										

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
<i>[Signature]</i>	<i>[Signature]</i>	2/3/21 1335	<i>[Signature]</i>	<i>[Signature]</i>	02.03.21 1445



Chain of Custody

Work Order No:

www.xenco.com

Page 2 of 2

Project Manager:	Kalei Jennings	Bill to: (if different)	Kyle Littlell
Company Name:	WSP USA Inc., Permian office	Company Name:	XTO Energy
Address:	3300 North A St. Bldg 1, Unit 222	Address:	3104 E Greene St.
City, State ZIP:	Midland, TX 79705	City, State ZIP:	Carsbad, NM
Phone:	(432) 704-5178	Email:	travis.casey@wsp.com, kalei.jennings@wsp.com, dan.moir@wsp.com

Work Order Comments	
Program: UST/ST	☐ RRP ☐ brownfields ☐ RC ☐ superfund ☐
State of Project:	NM
Reporting Level II	☐ level III ☐ ST/UST ☐ RRP ☐ level IV ☐
Deliverables: EDD	☐ ADAPT ☐ Other:

[illegible]

SAMPLE RECEIPT		Temp Blank:	Yes	No	Well 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:				

Number of Containers

PA 8015)

EPA 8021)

le (EPA 300.0)

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

[illegible]

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	Ti	Sn	U	Zn
<i>Circle Method(s) and Metal(s) to be analyzed</i>		TCPP / SPLP 6010	8RCRA	SD	As	Ba	Be	B	Cd	Cr	Co	Cu	Pb	Mn	Mo	Ni	Se	Ag	Ti	U											
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.																															
		1631 / 245.1 / 7470 / 7471 .Hg																													

Relinquished by: (Signature)		Received by: (Signature)		Date/Time	Relinquished by: (Signature)		Received by: (Signature)		Date/Time
1	<i>[Signature]</i>			2/3/21 1335	2	<i>[Signature]</i>			220321
6					4				
5					6				

Revised Date 05/14/18 Rev. 20/18

Login Sample Receipt Checklist

Client: WSP USA Inc.

Job Number: 890-135-1

SDG Number: TE012920151

Login Number: 135

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").	True	



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 890-145-1
Laboratory Sample Delivery Group: TE12920151
Client Project/Site: Corral Canyon 10

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

Attn: Dan Moir

A handwritten signature in black ink that reads "Jessica Kramer".

Authorized for release by:
2/11/2021 2:25:52 PM

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

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:

www.eurofinsus.com/Env

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: Corral Canyon 10

Laboratory Job ID: 890-145-1
SDG: TE12920151

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Client Sample Results	5
Surrogate Summary	31
QC Sample Results	34
QC Association Summary	45
Lab Chronicle	53
Certification Summary	64
Method Summary	65
Sample Summary	66
Chain of Custody	67
Receipt Checklists	72

1

2

3

4

5

6

7

8

9

10

11

12

13

14

Definitions/Glossary

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
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
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Eurofins Xenco, Carlsbad

Case Narrative

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

Job ID: 890-145-1

Laboratory: Eurofins Xenco, Carlsbad

Narrative

Job Narrative 890-145-1

Receipt

The samples were received on 2/4/2021 3:25 PM; the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.4°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

Method 8015MOD_NM: 1-Chlorooctane and o-Terphenyl surrogate recoveries for the following sample were outside the upper control limit: FS31 (890-145-18). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: 1-Chlorooctane and o-Terphenyl surrogate recoveries for the following sample were outside the upper control limit: FS36 (890-145-23). This sample did not contain any target analytes; 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.

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: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

Client Sample ID: FS14

Lab Sample ID: 890-145-1

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/05/21 07:50	02/05/21 12:29	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/05/21 07:50	02/05/21 12:29	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/05/21 07:50	02/05/21 12:29	1
Total BTEX	<0.00200	U	0.00200	mg/Kg		02/05/21 07:50	02/05/21 12:29	1
Xylenes, Total	<0.00200	U	0.00200	mg/Kg		02/05/21 07:50	02/05/21 12:29	1
m,p-Xylenes	<0.00399	U	0.00399	mg/Kg		02/05/21 07:50	02/05/21 12:29	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/05/21 07:50	02/05/21 12:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	106		70 - 130	02/05/21 07:50	02/05/21 12:29	1
4-Bromofluorobenzene (Surr)	100		70 - 130	02/05/21 07:50	02/05/21 12:29	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.2	U	50.2	mg/Kg		02/05/21 13:22	02/10/21 19:09	1
Total TPH	<50.2	U	50.2	mg/Kg		02/05/21 13:22	02/10/21 19:09	1
>C10-C28	<50.2	U	50.2	mg/Kg		02/05/21 13:22	02/10/21 19:09	1
>C28-C35	<50.2	U	50.2	mg/Kg		02/05/21 13:22	02/10/21 19:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 135	02/05/21 13:22	02/10/21 19:09	1
o-Terphenyl	91		70 - 135	02/05/21 13:22	02/10/21 19:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1870	F1	49.6	mg/Kg			02/05/21 13:14	5

Client Sample ID: FS15

Lab Sample ID: 890-145-2

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		02/05/21 07:50	02/05/21 13:36	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		02/05/21 07:50	02/05/21 13:36	1
Toluene	<0.00198	U	0.00198	mg/Kg		02/05/21 07:50	02/05/21 13:36	1
Total BTEX	<0.00198	U	0.00198	mg/Kg		02/05/21 07:50	02/05/21 13:36	1
Xylenes, Total	<0.00198	U	0.00198	mg/Kg		02/05/21 07:50	02/05/21 13:36	1
m,p-Xylenes	<0.00397	U	0.00397	mg/Kg		02/05/21 07:50	02/05/21 13:36	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		02/05/21 07:50	02/05/21 13:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	104		70 - 130	02/05/21 07:50	02/05/21 13:36	1
4-Bromofluorobenzene (Surr)	108		70 - 130	02/05/21 07:50	02/05/21 13:36	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<49.8	U	49.8	mg/Kg		02/05/21 13:22	02/10/21 20:10	1
Total TPH	<49.8	U	49.8	mg/Kg		02/05/21 13:22	02/10/21 20:10	1
>C10-C28	<49.8	U	49.8	mg/Kg		02/05/21 13:22	02/10/21 20:10	1
>C28-C35	<49.8	U	49.8	mg/Kg		02/05/21 13:22	02/10/21 20:10	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

Client Sample ID: FS15

Lab Sample ID: 890-145-2

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 135	02/05/21 13:22	02/10/21 20:10	1
o-Terphenyl	97		70 - 135	02/05/21 13:22	02/10/21 20:10	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	152		10.1	mg/Kg			02/05/21 13:31	1

Client Sample ID: FS16

Lab Sample ID: 890-145-3

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/05/21 07:50	02/05/21 13:59	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/05/21 07:50	02/05/21 13:59	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/05/21 07:50	02/05/21 13:59	1
Total BTEX	<0.00200	U	0.00200	mg/Kg		02/05/21 07:50	02/05/21 13:59	1
Xylenes, Total	<0.00200	U	0.00200	mg/Kg		02/05/21 07:50	02/05/21 13:59	1
m,p-Xylenes	<0.00399	U	0.00399	mg/Kg		02/05/21 07:50	02/05/21 13:59	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/05/21 07:50	02/05/21 13:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	106		70 - 130	02/05/21 07:50	02/05/21 13:59	1
4-Bromofluorobenzene (Surr)	101		70 - 130	02/05/21 07:50	02/05/21 13:59	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.3	U	50.3	mg/Kg		02/05/21 13:22	02/10/21 20:30	1
Total TPH	<50.3	U	50.3	mg/Kg		02/05/21 13:22	02/10/21 20:30	1
>C10-C28	<50.3	U	50.3	mg/Kg		02/05/21 13:22	02/10/21 20:30	1
>C28-C35	<50.3	U	50.3	mg/Kg		02/05/21 13:22	02/10/21 20:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 135	02/05/21 13:22	02/10/21 20:30	1
o-Terphenyl	97		70 - 135	02/05/21 13:22	02/10/21 20:30	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7260		50.0	mg/Kg			02/05/21 13:37	5

Client Sample ID: FS17

Lab Sample ID: 890-145-4

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		02/05/21 07:50	02/05/21 14:21	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		02/05/21 07:50	02/05/21 14:21	1
Toluene	<0.00199	U	0.00199	mg/Kg		02/05/21 07:50	02/05/21 14:21	1
Total BTEX	<0.00199	U	0.00199	mg/Kg		02/05/21 07:50	02/05/21 14:21	1
Xylenes, Total	<0.00199	U	0.00199	mg/Kg		02/05/21 07:50	02/05/21 14:21	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		02/05/21 07:50	02/05/21 14:21	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

Client Sample ID: FS17

Lab Sample ID: 890-145-4

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00199	U	0.00199	mg/Kg		02/05/21 07:50	02/05/21 14:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	104		70 - 130			02/05/21 07:50	02/05/21 14:21	1
4-Bromofluorobenzene (Surr)	100		70 - 130			02/05/21 07:50	02/05/21 14:21	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.1	U	50.1	mg/Kg		02/05/21 13:22	02/10/21 20:51	1
Total TPH	<50.1	U	50.1	mg/Kg		02/05/21 13:22	02/10/21 20:51	1
>C10-C28	<50.1	U	50.1	mg/Kg		02/05/21 13:22	02/10/21 20:51	1
>C28-C35	<50.1	U	50.1	mg/Kg		02/05/21 13:22	02/10/21 20:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 135			02/05/21 13:22	02/10/21 20:51	1
o-Terphenyl	93		70 - 135			02/05/21 13:22	02/10/21 20:51	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	151		10.0	mg/Kg			02/05/21 13:42	1

Client Sample ID: FS18

Lab Sample ID: 890-145-5

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		02/05/21 07:50	02/05/21 14:44	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		02/05/21 07:50	02/05/21 14:44	1
Toluene	<0.00198	U	0.00198	mg/Kg		02/05/21 07:50	02/05/21 14:44	1
Total BTEX	<0.00198	U	0.00198	mg/Kg		02/05/21 07:50	02/05/21 14:44	1
Xylenes, Total	<0.00198	U	0.00198	mg/Kg		02/05/21 07:50	02/05/21 14:44	1
m,p-Xylenes	<0.00397	U	0.00397	mg/Kg		02/05/21 07:50	02/05/21 14:44	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		02/05/21 07:50	02/05/21 14:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	107		70 - 130			02/05/21 07:50	02/05/21 14:44	1
4-Bromofluorobenzene (Surr)	100		70 - 130			02/05/21 07:50	02/05/21 14:44	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.3	U	50.3	mg/Kg		02/05/21 13:22	02/10/21 21:11	1
Total TPH	<50.3	U	50.3	mg/Kg		02/05/21 13:22	02/10/21 21:11	1
>C10-C28	<50.3	U	50.3	mg/Kg		02/05/21 13:22	02/10/21 21:11	1
>C28-C35	<50.3	U	50.3	mg/Kg		02/05/21 13:22	02/10/21 21:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 135			02/05/21 13:22	02/10/21 21:11	1
o-Terphenyl	99		70 - 135			02/05/21 13:22	02/10/21 21:11	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

Client Sample ID: FS18

Lab Sample ID: 890-145-5

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2730		49.5	mg/Kg			02/05/21 13:48	5

Client Sample ID: FS19

Lab Sample ID: 890-145-6

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		02/05/21 07:50	02/05/21 15:36	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		02/05/21 07:50	02/05/21 15:36	1
Toluene	<0.00199	U	0.00199	mg/Kg		02/05/21 07:50	02/05/21 15:36	1
Total BTEX	<0.00199	U	0.00199	mg/Kg		02/05/21 07:50	02/05/21 15:36	1
Xylenes, Total	<0.00199	U	0.00199	mg/Kg		02/05/21 07:50	02/05/21 15:36	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		02/05/21 07:50	02/05/21 15:36	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		02/05/21 07:50	02/05/21 15:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	105		70 - 130	02/05/21 07:50	02/05/21 15:36	1
4-Bromofluorobenzene (Surr)	102		70 - 130	02/05/21 07:50	02/05/21 15:36	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<49.9	U	49.9	mg/Kg		02/05/21 13:22	02/10/21 21:51	1
Total TPH	<49.9	U	49.9	mg/Kg		02/05/21 13:22	02/10/21 21:51	1
>C10-C28	<49.9	U	49.9	mg/Kg		02/05/21 13:22	02/10/21 21:51	1
>C28-C35	<49.9	U	49.9	mg/Kg		02/05/21 13:22	02/10/21 21:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 135	02/05/21 13:22	02/10/21 21:51	1
o-Terphenyl	98		70 - 135	02/05/21 13:22	02/10/21 21:51	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3740		49.8	mg/Kg			02/05/21 14:05	5

Client Sample ID: FS20

Lab Sample ID: 890-145-7

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/05/21 07:50	02/05/21 15:59	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/05/21 07:50	02/05/21 15:59	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/05/21 07:50	02/05/21 15:59	1
Total BTEX	<0.00200	U	0.00200	mg/Kg		02/05/21 07:50	02/05/21 15:59	1
Xylenes, Total	<0.00200	U	0.00200	mg/Kg		02/05/21 07:50	02/05/21 15:59	1
m,p-Xylenes	<0.00399	U	0.00399	mg/Kg		02/05/21 07:50	02/05/21 15:59	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/05/21 07:50	02/05/21 15:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	107		70 - 130	02/05/21 07:50	02/05/21 15:59	1
4-Bromofluorobenzene (Surr)	96		70 - 130	02/05/21 07:50	02/05/21 15:59	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

Client Sample ID: FS20

Lab Sample ID: 890-145-7

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<49.8	U	49.8	mg/Kg		02/05/21 13:22	02/10/21 22:12	1
Total TPH	<49.8	U	49.8	mg/Kg		02/05/21 13:22	02/10/21 22:12	1
>C10-C28	<49.8	U	49.8	mg/Kg		02/05/21 13:22	02/10/21 22:12	1
>C28-C35	<49.8	U	49.8	mg/Kg		02/05/21 13:22	02/10/21 22:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 135	02/05/21 13:22	02/10/21 22:12	1
o-Terphenyl	89		70 - 135	02/05/21 13:22	02/10/21 22:12	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3860		50.0	mg/Kg			02/05/21 14:11	5

Client Sample ID: FS21

Lab Sample ID: 890-145-8

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		02/05/21 07:50	02/05/21 16:21	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		02/05/21 07:50	02/05/21 16:21	1
Toluene	<0.00198	U	0.00198	mg/Kg		02/05/21 07:50	02/05/21 16:21	1
Total BTEX	<0.00198	U	0.00198	mg/Kg		02/05/21 07:50	02/05/21 16:21	1
Xylenes, Total	<0.00198	U	0.00198	mg/Kg		02/05/21 07:50	02/05/21 16:21	1
m,p-Xylenes	<0.00397	U	0.00397	mg/Kg		02/05/21 07:50	02/05/21 16:21	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		02/05/21 07:50	02/05/21 16:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	107		70 - 130	02/05/21 07:50	02/05/21 16:21	1
4-Bromofluorobenzene (Surr)	109		70 - 130	02/05/21 07:50	02/05/21 16:21	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.3	U	50.3	mg/Kg		02/05/21 13:22	02/10/21 22:32	1
Total TPH	<50.3	U	50.3	mg/Kg		02/05/21 13:22	02/10/21 22:32	1
>C10-C28	<50.3	U	50.3	mg/Kg		02/05/21 13:22	02/10/21 22:32	1
>C28-C35	<50.3	U	50.3	mg/Kg		02/05/21 13:22	02/10/21 22:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 135	02/05/21 13:22	02/10/21 22:32	1
o-Terphenyl	93		70 - 135	02/05/21 13:22	02/10/21 22:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2670		50.2	mg/Kg			02/05/21 14:16	5

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

Client Sample ID: FS22

Lab Sample ID: 890-145-9

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/05/21 07:50	02/05/21 16:44	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/05/21 07:50	02/05/21 16:44	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/05/21 07:50	02/05/21 16:44	1
Total BTEX	<0.00200	U	0.00200	mg/Kg		02/05/21 07:50	02/05/21 16:44	1
Xylenes, Total	<0.00200	U	0.00200	mg/Kg		02/05/21 07:50	02/05/21 16:44	1
m,p-Xylenes	<0.00399	U	0.00399	mg/Kg		02/05/21 07:50	02/05/21 16:44	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/05/21 07:50	02/05/21 16:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	105		70 - 130	02/05/21 07:50	02/05/21 16:44	1
4-Bromofluorobenzene (Surr)	98		70 - 130	02/05/21 07:50	02/05/21 16:44	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.2	U	50.2	mg/Kg		02/05/21 13:22	02/10/21 22:52	1
Total TPH	<50.2	U	50.2	mg/Kg		02/05/21 13:22	02/10/21 22:52	1
>C10-C28	<50.2	U	50.2	mg/Kg		02/05/21 13:22	02/10/21 22:52	1
>C28-C35	<50.2	U	50.2	mg/Kg		02/05/21 13:22	02/10/21 22:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 135	02/05/21 13:22	02/10/21 22:52	1
o-Terphenyl	99		70 - 135	02/05/21 13:22	02/10/21 22:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3630		50.1	mg/Kg			02/05/21 14:22	5

Client Sample ID: FS23

Lab Sample ID: 890-145-10

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		02/05/21 07:50	02/05/21 17:06	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		02/05/21 07:50	02/05/21 17:06	1
Toluene	<0.00199	U	0.00199	mg/Kg		02/05/21 07:50	02/05/21 17:06	1
Total BTEX	<0.00199	U	0.00199	mg/Kg		02/05/21 07:50	02/05/21 17:06	1
Xylenes, Total	<0.00199	U	0.00199	mg/Kg		02/05/21 07:50	02/05/21 17:06	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		02/05/21 07:50	02/05/21 17:06	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		02/05/21 07:50	02/05/21 17:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	106		70 - 130	02/05/21 07:50	02/05/21 17:06	1
4-Bromofluorobenzene (Surr)	100		70 - 130	02/05/21 07:50	02/05/21 17:06	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<49.9	U	49.9	mg/Kg		02/05/21 13:22	02/10/21 23:12	1
Total TPH	<49.9	U	49.9	mg/Kg		02/05/21 13:22	02/10/21 23:12	1
>C10-C28	<49.9	U	49.9	mg/Kg		02/05/21 13:22	02/10/21 23:12	1
>C28-C35	<49.9	U	49.9	mg/Kg		02/05/21 13:22	02/10/21 23:12	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

Client Sample ID: FS23

Lab Sample ID: 890-145-10

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 135	02/05/21 13:22	02/10/21 23:12	1
o-Terphenyl	95		70 - 135	02/05/21 13:22	02/10/21 23:12	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3410		50.0	mg/Kg			02/05/21 14:28	5

Client Sample ID: FS24

Lab Sample ID: 890-145-11

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/05/21 07:50	02/05/21 17:28	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/05/21 07:50	02/05/21 17:28	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/05/21 07:50	02/05/21 17:28	1
Total BTEX	<0.00200	U	0.00200	mg/Kg		02/05/21 07:50	02/05/21 17:28	1
Xylenes, Total	<0.00200	U	0.00200	mg/Kg		02/05/21 07:50	02/05/21 17:28	1
m,p-Xylenes	<0.00401	U	0.00401	mg/Kg		02/05/21 07:50	02/05/21 17:28	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/05/21 07:50	02/05/21 17:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	107		70 - 130	02/05/21 07:50	02/05/21 17:28	1
4-Bromofluorobenzene (Surr)	101		70 - 130	02/05/21 07:50	02/05/21 17:28	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.2	U	50.2	mg/Kg		02/05/21 13:22	02/10/21 23:32	1
Total TPH	<50.2	U	50.2	mg/Kg		02/05/21 13:22	02/10/21 23:32	1
>C10-C28	<50.2	U	50.2	mg/Kg		02/05/21 13:22	02/10/21 23:32	1
>C28-C35	<50.2	U	50.2	mg/Kg		02/05/21 13:22	02/10/21 23:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 135	02/05/21 13:22	02/10/21 23:32	1
o-Terphenyl	98		70 - 135	02/05/21 13:22	02/10/21 23:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2810		49.5	mg/Kg			02/05/21 14:33	5

Client Sample ID: FS25

Lab Sample ID: 890-145-12

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		02/05/21 07:50	02/05/21 17:51	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		02/05/21 07:50	02/05/21 17:51	1
Toluene	<0.00202	U	0.00202	mg/Kg		02/05/21 07:50	02/05/21 17:51	1
Total BTEX	<0.00202	U	0.00202	mg/Kg		02/05/21 07:50	02/05/21 17:51	1
Xylenes, Total	<0.00202	U	0.00202	mg/Kg		02/05/21 07:50	02/05/21 17:51	1
m,p-Xylenes	<0.00403	U	0.00403	mg/Kg		02/05/21 07:50	02/05/21 17:51	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

Client Sample ID: FS25

Lab Sample ID: 890-145-12

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00202	U	0.00202	mg/Kg		02/05/21 07:50	02/05/21 17:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	106		70 - 130			02/05/21 07:50	02/05/21 17:51	1
4-Bromofluorobenzene (Surr)	99		70 - 130			02/05/21 07:50	02/05/21 17:51	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.1	U	50.1	mg/Kg		02/05/21 13:22	02/10/21 23:53	1
Total TPH	<50.1	U	50.1	mg/Kg		02/05/21 13:22	02/10/21 23:53	1
>C10-C28	<50.1	U	50.1	mg/Kg		02/05/21 13:22	02/10/21 23:53	1
>C28-C35	<50.1	U	50.1	mg/Kg		02/05/21 13:22	02/10/21 23:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 135			02/05/21 13:22	02/10/21 23:53	1
o-Terphenyl	101		70 - 135			02/05/21 13:22	02/10/21 23:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1740		49.7	mg/Kg			02/05/21 14:50	5

Client Sample ID: FS26

Lab Sample ID: 890-145-13

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/05/21 07:50	02/05/21 18:13	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/05/21 07:50	02/05/21 18:13	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/05/21 07:50	02/05/21 18:13	1
Total BTEX	<0.00200	U	0.00200	mg/Kg		02/05/21 07:50	02/05/21 18:13	1
Xylenes, Total	<0.00200	U	0.00200	mg/Kg		02/05/21 07:50	02/05/21 18:13	1
m,p-Xylenes	<0.00401	U	0.00401	mg/Kg		02/05/21 07:50	02/05/21 18:13	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/05/21 07:50	02/05/21 18:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	104		70 - 130			02/05/21 07:50	02/05/21 18:13	1
4-Bromofluorobenzene (Surr)	101		70 - 130			02/05/21 07:50	02/05/21 18:13	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<49.9	U	49.9	mg/Kg		02/05/21 13:22	02/11/21 00:13	1
Total TPH	<49.9	U	49.9	mg/Kg		02/05/21 13:22	02/11/21 00:13	1
>C10-C28	<49.9	U	49.9	mg/Kg		02/05/21 13:22	02/11/21 00:13	1
>C28-C35	<49.9	U	49.9	mg/Kg		02/05/21 13:22	02/11/21 00:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 135			02/05/21 13:22	02/11/21 00:13	1
o-Terphenyl	97		70 - 135			02/05/21 13:22	02/11/21 00:13	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

Client Sample ID: FS26

Lab Sample ID: 890-145-13

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2980		50.5	mg/Kg			02/05/21 14:56	5

Client Sample ID: FS27

Lab Sample ID: 890-145-14

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		02/05/21 07:50	02/05/21 18:36	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		02/05/21 07:50	02/05/21 18:36	1
Toluene	<0.00202	U	0.00202	mg/Kg		02/05/21 07:50	02/05/21 18:36	1
Total BTEX	<0.00202	U	0.00202	mg/Kg		02/05/21 07:50	02/05/21 18:36	1
Xylenes, Total	<0.00202	U	0.00202	mg/Kg		02/05/21 07:50	02/05/21 18:36	1
m,p-Xylenes	<0.00403	U	0.00403	mg/Kg		02/05/21 07:50	02/05/21 18:36	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		02/05/21 07:50	02/05/21 18:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	109		70 - 130	02/05/21 07:50	02/05/21 18:36	1
4-Bromofluorobenzene (Surr)	107		70 - 130	02/05/21 07:50	02/05/21 18:36	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.0	U	50.0	mg/Kg		02/05/21 13:22	02/11/21 00:33	1
Total TPH	<50.0	U	50.0	mg/Kg		02/05/21 13:22	02/11/21 00:33	1
>C10-C28	<50.0	U	50.0	mg/Kg		02/05/21 13:22	02/11/21 00:33	1
>C28-C35	<50.0	U	50.0	mg/Kg		02/05/21 13:22	02/11/21 00:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 135	02/05/21 13:22	02/11/21 00:33	1
o-Terphenyl	94		70 - 135	02/05/21 13:22	02/11/21 00:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4010		49.8	mg/Kg			02/05/21 15:13	5

Client Sample ID: FS28

Lab Sample ID: 890-145-15

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		02/05/21 07:50	02/05/21 18:58	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		02/05/21 07:50	02/05/21 18:58	1
Toluene	<0.00202	U	0.00202	mg/Kg		02/05/21 07:50	02/05/21 18:58	1
Total BTEX	<0.00202	U	0.00202	mg/Kg		02/05/21 07:50	02/05/21 18:58	1
Xylenes, Total	<0.00202	U	0.00202	mg/Kg		02/05/21 07:50	02/05/21 18:58	1
m,p-Xylenes	<0.00404	U	0.00404	mg/Kg		02/05/21 07:50	02/05/21 18:58	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		02/05/21 07:50	02/05/21 18:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	104		70 - 130	02/05/21 07:50	02/05/21 18:58	1
4-Bromofluorobenzene (Surr)	101		70 - 130	02/05/21 07:50	02/05/21 18:58	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

Client Sample ID: FS28

Lab Sample ID: 890-145-15

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.0	U	50.0	mg/Kg		02/05/21 13:22	02/11/21 00:53	1
Total TPH	<50.0	U	50.0	mg/Kg		02/05/21 13:22	02/11/21 00:53	1
>C10-C28	<50.0	U	50.0	mg/Kg		02/05/21 13:22	02/11/21 00:53	1
>C28-C35	<50.0	U	50.0	mg/Kg		02/05/21 13:22	02/11/21 00:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 135	02/05/21 13:22	02/11/21 00:53	1
o-Terphenyl	101		70 - 135	02/05/21 13:22	02/11/21 00:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3300		50.0	mg/Kg			02/05/21 15:19	5

Client Sample ID: FS29

Lab Sample ID: 890-145-16

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/05/21 07:50	02/05/21 19:43	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/05/21 07:50	02/05/21 19:43	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/05/21 07:50	02/05/21 19:43	1
Total BTEX	<0.00200	U	0.00200	mg/Kg		02/05/21 07:50	02/05/21 19:43	1
Xylenes, Total	<0.00200	U	0.00200	mg/Kg		02/05/21 07:50	02/05/21 19:43	1
m,p-Xylenes	<0.00399	U	0.00399	mg/Kg		02/05/21 07:50	02/05/21 19:43	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/05/21 07:50	02/05/21 19:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	105		70 - 130	02/05/21 07:50	02/05/21 19:43	1
4-Bromofluorobenzene (Surr)	107		70 - 130	02/05/21 07:50	02/05/21 19:43	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<49.8	U	49.8	mg/Kg		02/05/21 13:22	02/11/21 01:34	1
Total TPH	<49.8	U	49.8	mg/Kg		02/05/21 13:22	02/11/21 01:34	1
>C10-C28	<49.8	U	49.8	mg/Kg		02/05/21 13:22	02/11/21 01:34	1
>C28-C35	<49.8	U	49.8	mg/Kg		02/05/21 13:22	02/11/21 01:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 135	02/05/21 13:22	02/11/21 01:34	1
o-Terphenyl	99		70 - 135	02/05/21 13:22	02/11/21 01:34	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2810		49.6	mg/Kg			02/05/21 15:25	5

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

Client Sample ID: FS30

Lab Sample ID: 890-145-17

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/05/21 07:50	02/05/21 20:06	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/05/21 07:50	02/05/21 20:06	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/05/21 07:50	02/05/21 20:06	1
Total BTEX	<0.00200	U	0.00200	mg/Kg		02/05/21 07:50	02/05/21 20:06	1
Xylenes, Total	<0.00200	U	0.00200	mg/Kg		02/05/21 07:50	02/05/21 20:06	1
m,p-Xylenes	<0.00399	U	0.00399	mg/Kg		02/05/21 07:50	02/05/21 20:06	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/05/21 07:50	02/05/21 20:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	105		70 - 130	02/05/21 07:50	02/05/21 20:06	1
4-Bromofluorobenzene (Surr)	101		70 - 130	02/05/21 07:50	02/05/21 20:06	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<49.9	U	49.9	mg/Kg		02/05/21 13:22	02/11/21 01:54	1
Total TPH	<49.9	U	49.9	mg/Kg		02/05/21 13:22	02/11/21 01:54	1
>C10-C28	<49.9	U	49.9	mg/Kg		02/05/21 13:22	02/11/21 01:54	1
>C28-C35	<49.9	U	49.9	mg/Kg		02/05/21 13:22	02/11/21 01:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 135	02/05/21 13:22	02/11/21 01:54	1
o-Terphenyl	99		70 - 135	02/05/21 13:22	02/11/21 01:54	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2490		49.8	mg/Kg			02/05/21 15:30	5

Client Sample ID: FS31

Lab Sample ID: 890-145-18

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		02/05/21 07:50	02/05/21 20:28	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		02/05/21 07:50	02/05/21 20:28	1
Toluene	<0.00199	U	0.00199	mg/Kg		02/05/21 07:50	02/05/21 20:28	1
Total BTEX	<0.00199	U	0.00199	mg/Kg		02/05/21 07:50	02/05/21 20:28	1
Xylenes, Total	<0.00199	U	0.00199	mg/Kg		02/05/21 07:50	02/05/21 20:28	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		02/05/21 07:50	02/05/21 20:28	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		02/05/21 07:50	02/05/21 20:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	104		70 - 130	02/05/21 07:50	02/05/21 20:28	1
4-Bromofluorobenzene (Surr)	100		70 - 130	02/05/21 07:50	02/05/21 20:28	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.0	U	50.0	mg/Kg		02/05/21 13:22	02/11/21 02:14	1
Total TPH	<50.0	U	50.0	mg/Kg		02/05/21 13:22	02/11/21 02:14	1
>C10-C28	<50.0	U	50.0	mg/Kg		02/05/21 13:22	02/11/21 02:14	1
>C28-C35	<50.0	U	50.0	mg/Kg		02/05/21 13:22	02/11/21 02:14	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

Client Sample ID: FS31

Lab Sample ID: 890-145-18

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	210	S1+	70 - 135	02/05/21 13:22	02/11/21 02:14	1
o-Terphenyl	206	S1+	70 - 135	02/05/21 13:22	02/11/21 02:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6840		50.0	mg/Kg			02/05/21 15:36	5

Client Sample ID: FS32

Lab Sample ID: 890-145-19

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		02/05/21 07:50	02/05/21 20:50	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		02/05/21 07:50	02/05/21 20:50	1
Toluene	<0.00198	U	0.00198	mg/Kg		02/05/21 07:50	02/05/21 20:50	1
Total BTEX	<0.00198	U	0.00198	mg/Kg		02/05/21 07:50	02/05/21 20:50	1
Xylenes, Total	<0.00198	U	0.00198	mg/Kg		02/05/21 07:50	02/05/21 20:50	1
m,p-Xylenes	<0.00397	U	0.00397	mg/Kg		02/05/21 07:50	02/05/21 20:50	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		02/05/21 07:50	02/05/21 20:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	105		70 - 130			02/05/21 07:50	02/05/21 20:50	1
4-Bromofluorobenzene (Surr)	100		70 - 130			02/05/21 07:50	02/05/21 20:50	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<49.9	U	49.9	mg/Kg		02/05/21 13:22	02/11/21 02:34	1
Total TPH	<49.9	U	49.9	mg/Kg		02/05/21 13:22	02/11/21 02:34	1
>C10-C28	<49.9	U	49.9	mg/Kg		02/05/21 13:22	02/11/21 02:34	1
>C28-C35	<49.9	U	49.9	mg/Kg		02/05/21 13:22	02/11/21 02:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 135			02/05/21 13:22	02/11/21 02:34	1
o-Terphenyl	96		70 - 135			02/05/21 13:22	02/11/21 02:34	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7510		49.9	mg/Kg			02/05/21 15:42	5

Client Sample ID: FS33

Lab Sample ID: 890-145-20

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		02/05/21 07:50	02/05/21 21:13	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		02/05/21 07:50	02/05/21 21:13	1
Toluene	<0.00202	U	0.00202	mg/Kg		02/05/21 07:50	02/05/21 21:13	1
Total BTEX	<0.00202	U	0.00202	mg/Kg		02/05/21 07:50	02/05/21 21:13	1
Xylenes, Total	<0.00202	U	0.00202	mg/Kg		02/05/21 07:50	02/05/21 21:13	1
m,p-Xylenes	<0.00403	U	0.00403	mg/Kg		02/05/21 07:50	02/05/21 21:13	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

Client Sample ID: FS33

Lab Sample ID: 890-145-20

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00202	U	0.00202	mg/Kg		02/05/21 07:50	02/05/21 21:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	102		70 - 130			02/05/21 07:50	02/05/21 21:13	1
4-Bromofluorobenzene (Surr)	98		70 - 130			02/05/21 07:50	02/05/21 21:13	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.0	U	50.0	mg/Kg		02/05/21 13:22	02/11/21 02:55	1
Total TPH	<50.0	U	50.0	mg/Kg		02/05/21 13:22	02/11/21 02:55	1
>C10-C28	<50.0	U	50.0	mg/Kg		02/05/21 13:22	02/11/21 02:55	1
>C28-C35	<50.0	U	50.0	mg/Kg		02/05/21 13:22	02/11/21 02:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 135			02/05/21 13:22	02/11/21 02:55	1
o-Terphenyl	93		70 - 135			02/05/21 13:22	02/11/21 02:55	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5770		49.8	mg/Kg			02/05/21 15:47	5

Client Sample ID: FS34

Lab Sample ID: 890-145-21

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		02/05/21 08:10	02/05/21 23:05	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		02/05/21 08:10	02/05/21 23:05	1
Toluene	<0.00198	U	0.00198	mg/Kg		02/05/21 08:10	02/05/21 23:05	1
Total BTEX	<0.00198	U	0.00198	mg/Kg		02/05/21 08:10	02/05/21 23:05	1
Xylenes, Total	<0.00198	U	0.00198	mg/Kg		02/05/21 08:10	02/05/21 23:05	1
m,p-Xylenes	<0.00397	U	0.00397	mg/Kg		02/05/21 08:10	02/05/21 23:05	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		02/05/21 08:10	02/05/21 23:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	103		70 - 130			02/05/21 08:10	02/05/21 23:05	1
4-Bromofluorobenzene (Surr)	99		70 - 130			02/05/21 08:10	02/05/21 23:05	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.2	U	50.2	mg/Kg		02/05/21 13:37	02/10/21 19:09	1
Total TPH	<50.2	U	50.2	mg/Kg		02/05/21 13:37	02/10/21 19:09	1
>C10-C28	<50.2	U	50.2	mg/Kg		02/05/21 13:37	02/10/21 19:09	1
>C28-C35	<50.2	U	50.2	mg/Kg		02/05/21 13:37	02/10/21 19:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 135			02/05/21 13:37	02/10/21 19:09	1
o-Terphenyl	98		70 - 135			02/05/21 13:37	02/10/21 19:09	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

Client Sample ID: FS34

Lab Sample ID: 890-145-21

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1940	F1	49.5	mg/Kg			02/05/21 16:21	5

Client Sample ID: FS35

Lab Sample ID: 890-145-22

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		02/05/21 08:10	02/06/21 00:12	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		02/05/21 08:10	02/06/21 00:12	1
Toluene	<0.00199	U	0.00199	mg/Kg		02/05/21 08:10	02/06/21 00:12	1
Total BTEX	<0.00199	U	0.00199	mg/Kg		02/05/21 08:10	02/06/21 00:12	1
Xylenes, Total	<0.00199	U	0.00199	mg/Kg		02/05/21 08:10	02/06/21 00:12	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		02/05/21 08:10	02/06/21 00:12	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		02/05/21 08:10	02/06/21 00:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	104		70 - 130	02/05/21 08:10	02/06/21 00:12	1
4-Bromofluorobenzene (Surr)	105		70 - 130	02/05/21 08:10	02/06/21 00:12	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.0	U	50.0	mg/Kg		02/05/21 13:37	02/10/21 20:10	1
Total TPH	<50.0	U	50.0	mg/Kg		02/05/21 13:37	02/10/21 20:10	1
>C10-C28	<50.0	U	50.0	mg/Kg		02/05/21 13:37	02/10/21 20:10	1
>C28-C35	<50.0	U	50.0	mg/Kg		02/05/21 13:37	02/10/21 20:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 135	02/05/21 13:37	02/10/21 20:10	1
o-Terphenyl	103		70 - 135	02/05/21 13:37	02/10/21 20:10	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4930		50.3	mg/Kg			02/05/21 16:38	5

Client Sample ID: FS36

Lab Sample ID: 890-145-23

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		02/05/21 08:10	02/06/21 00:35	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		02/05/21 08:10	02/06/21 00:35	1
Toluene	<0.00198	U	0.00198	mg/Kg		02/05/21 08:10	02/06/21 00:35	1
Total BTEX	<0.00198	U	0.00198	mg/Kg		02/05/21 08:10	02/06/21 00:35	1
Xylenes, Total	<0.00198	U	0.00198	mg/Kg		02/05/21 08:10	02/06/21 00:35	1
m,p-Xylenes	<0.00397	U	0.00397	mg/Kg		02/05/21 08:10	02/06/21 00:35	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		02/05/21 08:10	02/06/21 00:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	104		70 - 130	02/05/21 08:10	02/06/21 00:35	1
4-Bromofluorobenzene (Surr)	99		70 - 130	02/05/21 08:10	02/06/21 00:35	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

Client Sample ID: FS36

Lab Sample ID: 890-145-23

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<49.9	U	49.9	mg/Kg		02/05/21 13:37	02/10/21 20:30	1
Total TPH	<49.9	U	49.9	mg/Kg		02/05/21 13:37	02/10/21 20:30	1
>C10-C28	<49.9	U	49.9	mg/Kg		02/05/21 13:37	02/10/21 20:30	1
>C28-C35	<49.9	U	49.9	mg/Kg		02/05/21 13:37	02/10/21 20:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	168	S1+	70 - 135	02/05/21 13:37	02/10/21 20:30	1
o-Terphenyl	162	S1+	70 - 135	02/05/21 13:37	02/10/21 20:30	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6690		50.0	mg/Kg			02/05/21 16:44	5

Client Sample ID: FS37

Lab Sample ID: 890-145-24

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/05/21 08:10	02/06/21 00:57	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/05/21 08:10	02/06/21 00:57	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/05/21 08:10	02/06/21 00:57	1
Total BTEX	<0.00200	U	0.00200	mg/Kg		02/05/21 08:10	02/06/21 00:57	1
Xylenes, Total	<0.00200	U	0.00200	mg/Kg		02/05/21 08:10	02/06/21 00:57	1
m,p-Xylenes	<0.00399	U	0.00399	mg/Kg		02/05/21 08:10	02/06/21 00:57	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/05/21 08:10	02/06/21 00:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	103		70 - 130	02/05/21 08:10	02/06/21 00:57	1
4-Bromofluorobenzene (Surr)	102		70 - 130	02/05/21 08:10	02/06/21 00:57	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.1	U	50.1	mg/Kg		02/05/21 13:37	02/10/21 20:51	1
Total TPH	<50.1	U	50.1	mg/Kg		02/05/21 13:37	02/10/21 20:51	1
>C10-C28	<50.1	U	50.1	mg/Kg		02/05/21 13:37	02/10/21 20:51	1
>C28-C35	<50.1	U	50.1	mg/Kg		02/05/21 13:37	02/10/21 20:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 135	02/05/21 13:37	02/10/21 20:51	1
o-Terphenyl	103		70 - 135	02/05/21 13:37	02/10/21 20:51	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5280		50.5	mg/Kg			02/05/21 16:50	5

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

Client Sample ID: FS38

Lab Sample ID: 890-145-25

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		02/05/21 08:10	02/06/21 01:19	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		02/05/21 08:10	02/06/21 01:19	1
Toluene	<0.00199	U	0.00199	mg/Kg		02/05/21 08:10	02/06/21 01:19	1
Total BTEX	<0.00199	U	0.00199	mg/Kg		02/05/21 08:10	02/06/21 01:19	1
Xylenes, Total	<0.00199	U	0.00199	mg/Kg		02/05/21 08:10	02/06/21 01:19	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		02/05/21 08:10	02/06/21 01:19	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		02/05/21 08:10	02/06/21 01:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	103		70 - 130	02/05/21 08:10	02/06/21 01:19	1
4-Bromofluorobenzene (Surr)	108		70 - 130	02/05/21 08:10	02/06/21 01:19	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.1	U	50.1	mg/Kg		02/05/21 13:37	02/10/21 21:11	1
Total TPH	<50.1	U	50.1	mg/Kg		02/05/21 13:37	02/10/21 21:11	1
>C10-C28	<50.1	U	50.1	mg/Kg		02/05/21 13:37	02/10/21 21:11	1
>C28-C35	<50.1	U	50.1	mg/Kg		02/05/21 13:37	02/10/21 21:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 135	02/05/21 13:37	02/10/21 21:11	1
o-Terphenyl	105		70 - 135	02/05/21 13:37	02/10/21 21:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	226		49.8	mg/Kg			02/05/21 16:56	5

Client Sample ID: FS39

Lab Sample ID: 890-145-26

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/05/21 08:10	02/06/21 02:04	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/05/21 08:10	02/06/21 02:04	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/05/21 08:10	02/06/21 02:04	1
Total BTEX	<0.00200	U	0.00200	mg/Kg		02/05/21 08:10	02/06/21 02:04	1
Xylenes, Total	<0.00200	U	0.00200	mg/Kg		02/05/21 08:10	02/06/21 02:04	1
m,p-Xylenes	<0.00399	U	0.00399	mg/Kg		02/05/21 08:10	02/06/21 02:04	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/05/21 08:10	02/06/21 02:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	101		70 - 130	02/05/21 08:10	02/06/21 02:04	1
4-Bromofluorobenzene (Surr)	102		70 - 130	02/05/21 08:10	02/06/21 02:04	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<49.8	U	49.8	mg/Kg		02/05/21 13:37	02/10/21 21:51	1
Total TPH	<49.8	U	49.8	mg/Kg		02/05/21 13:37	02/10/21 21:51	1
>C10-C28	<49.8	U	49.8	mg/Kg		02/05/21 13:37	02/10/21 21:51	1
>C28-C35	<49.8	U	49.8	mg/Kg		02/05/21 13:37	02/10/21 21:51	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

Client Sample ID: FS39

Lab Sample ID: 890-145-26

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 135	02/05/21 13:37	02/10/21 21:51	1
o-Terphenyl	105		70 - 135	02/05/21 13:37	02/10/21 21:51	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	364		49.6	mg/Kg			02/05/21 17:13	5

Client Sample ID: FS40

Lab Sample ID: 890-145-27

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		02/05/21 08:10	02/06/21 02:27	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		02/05/21 08:10	02/06/21 02:27	1
Toluene	<0.00199	U	0.00199	mg/Kg		02/05/21 08:10	02/06/21 02:27	1
Total BTEX	<0.00199	U	0.00199	mg/Kg		02/05/21 08:10	02/06/21 02:27	1
Xylenes, Total	<0.00199	U	0.00199	mg/Kg		02/05/21 08:10	02/06/21 02:27	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		02/05/21 08:10	02/06/21 02:27	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		02/05/21 08:10	02/06/21 02:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	105		70 - 130	02/05/21 08:10	02/06/21 02:27	1
4-Bromofluorobenzene (Surr)	103		70 - 130	02/05/21 08:10	02/06/21 02:27	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.1	U	50.1	mg/Kg		02/05/21 13:37	02/10/21 22:12	1
Total TPH	<50.1	U	50.1	mg/Kg		02/05/21 13:37	02/10/21 22:12	1
>C10-C28	<50.1	U	50.1	mg/Kg		02/05/21 13:37	02/10/21 22:12	1
>C28-C35	<50.1	U	50.1	mg/Kg		02/05/21 13:37	02/10/21 22:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 135	02/05/21 13:37	02/10/21 22:12	1
o-Terphenyl	104		70 - 135	02/05/21 13:37	02/10/21 22:12	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7590		49.9	mg/Kg			02/05/21 17:18	5

Client Sample ID: FS41

Lab Sample ID: 890-145-28

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/05/21 08:10	02/06/21 02:49	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/05/21 08:10	02/06/21 02:49	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/05/21 08:10	02/06/21 02:49	1
Total BTEX	<0.00200	U	0.00200	mg/Kg		02/05/21 08:10	02/06/21 02:49	1
Xylenes, Total	<0.00200	U	0.00200	mg/Kg		02/05/21 08:10	02/06/21 02:49	1
m,p-Xylenes	<0.00399	U	0.00399	mg/Kg		02/05/21 08:10	02/06/21 02:49	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

Client Sample ID: FS41

Lab Sample ID: 890-145-28

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/05/21 08:10	02/06/21 02:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	104		70 - 130			02/05/21 08:10	02/06/21 02:49	1
4-Bromofluorobenzene (Surr)	98		70 - 130			02/05/21 08:10	02/06/21 02:49	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<49.8	U	49.8	mg/Kg		02/05/21 13:37	02/10/21 22:32	1
Total TPH	<49.8	U	49.8	mg/Kg		02/05/21 13:37	02/10/21 22:32	1
>C10-C28	<49.8	U	49.8	mg/Kg		02/05/21 13:37	02/10/21 22:32	1
>C28-C35	<49.8	U	49.8	mg/Kg		02/05/21 13:37	02/10/21 22:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 135			02/05/21 13:37	02/10/21 22:32	1
o-Terphenyl	103		70 - 135			02/05/21 13:37	02/10/21 22:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7630		50.2	mg/Kg			02/05/21 17:24	5

Client Sample ID: FS42

Lab Sample ID: 890-145-29

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		02/05/21 08:10	02/06/21 03:12	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		02/05/21 08:10	02/06/21 03:12	1
Toluene	<0.00199	U	0.00199	mg/Kg		02/05/21 08:10	02/06/21 03:12	1
Total BTEX	<0.00199	U	0.00199	mg/Kg		02/05/21 08:10	02/06/21 03:12	1
Xylenes, Total	<0.00199	U	0.00199	mg/Kg		02/05/21 08:10	02/06/21 03:12	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		02/05/21 08:10	02/06/21 03:12	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		02/05/21 08:10	02/06/21 03:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	102		70 - 130			02/05/21 08:10	02/06/21 03:12	1
4-Bromofluorobenzene (Surr)	107		70 - 130			02/05/21 08:10	02/06/21 03:12	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<49.8	U	49.8	mg/Kg		02/05/21 13:37	02/10/21 22:52	1
Total TPH	<49.8	U	49.8	mg/Kg		02/05/21 13:37	02/10/21 22:52	1
>C10-C28	<49.8	U	49.8	mg/Kg		02/05/21 13:37	02/10/21 22:52	1
>C28-C35	<49.8	U	49.8	mg/Kg		02/05/21 13:37	02/10/21 22:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 135			02/05/21 13:37	02/10/21 22:52	1
o-Terphenyl	105		70 - 135			02/05/21 13:37	02/10/21 22:52	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

Client Sample ID: FS42

Lab Sample ID: 890-145-29

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9990		49.9	mg/Kg			02/05/21 17:30	5

Client Sample ID: FS43

Lab Sample ID: 890-145-30

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/05/21 08:10	02/06/21 03:34	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/05/21 08:10	02/06/21 03:34	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/05/21 08:10	02/06/21 03:34	1
Total BTEX	<0.00200	U	0.00200	mg/Kg		02/05/21 08:10	02/06/21 03:34	1
Xylenes, Total	<0.00200	U	0.00200	mg/Kg		02/05/21 08:10	02/06/21 03:34	1
m,p-Xylenes	<0.00399	U	0.00399	mg/Kg		02/05/21 08:10	02/06/21 03:34	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/05/21 08:10	02/06/21 03:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	102		70 - 130	02/05/21 08:10	02/06/21 03:34	1
4-Bromofluorobenzene (Surr)	106		70 - 130	02/05/21 08:10	02/06/21 03:34	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.1	U	50.1	mg/Kg		02/05/21 13:37	02/10/21 23:12	1
Total TPH	<50.1	U	50.1	mg/Kg		02/05/21 13:37	02/10/21 23:12	1
>C10-C28	<50.1	U	50.1	mg/Kg		02/05/21 13:37	02/10/21 23:12	1
>C28-C35	<50.1	U	50.1	mg/Kg		02/05/21 13:37	02/10/21 23:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 135	02/05/21 13:37	02/10/21 23:12	1
o-Terphenyl	105		70 - 135	02/05/21 13:37	02/10/21 23:12	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1880		50.2	mg/Kg			02/05/21 17:35	5

Client Sample ID: FS44

Lab Sample ID: 890-145-31

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		02/05/21 08:10	02/06/21 03:56	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		02/05/21 08:10	02/06/21 03:56	1
Toluene	<0.00202	U	0.00202	mg/Kg		02/05/21 08:10	02/06/21 03:56	1
Total BTEX	<0.00202	U	0.00202	mg/Kg		02/05/21 08:10	02/06/21 03:56	1
Xylenes, Total	<0.00202	U	0.00202	mg/Kg		02/05/21 08:10	02/06/21 03:56	1
m,p-Xylenes	<0.00403	U	0.00403	mg/Kg		02/05/21 08:10	02/06/21 03:56	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		02/05/21 08:10	02/06/21 03:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	103		70 - 130	02/05/21 08:10	02/06/21 03:56	1
4-Bromofluorobenzene (Surr)	102		70 - 130	02/05/21 08:10	02/06/21 03:56	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

Client Sample ID: FS44

Lab Sample ID: 890-145-31

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.3	U	50.3	mg/Kg		02/05/21 13:37	02/10/21 23:32	1
Total TPH	<50.3	U	50.3	mg/Kg		02/05/21 13:37	02/10/21 23:32	1
>C10-C28	<50.3	U	50.3	mg/Kg		02/05/21 13:37	02/10/21 23:32	1
>C28-C35	<50.3	U	50.3	mg/Kg		02/05/21 13:37	02/10/21 23:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 135	02/05/21 13:37	02/10/21 23:32	1
o-Terphenyl	101		70 - 135	02/05/21 13:37	02/10/21 23:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7570		49.8	mg/Kg			02/05/21 17:41	5

Client Sample ID: FS45

Lab Sample ID: 890-145-32

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		02/05/21 08:10	02/06/21 04:19	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		02/05/21 08:10	02/06/21 04:19	1
Toluene	<0.00198	U	0.00198	mg/Kg		02/05/21 08:10	02/06/21 04:19	1
Total BTEX	<0.00198	U	0.00198	mg/Kg		02/05/21 08:10	02/06/21 04:19	1
Xylenes, Total	<0.00198	U	0.00198	mg/Kg		02/05/21 08:10	02/06/21 04:19	1
m,p-Xylenes	<0.00397	U	0.00397	mg/Kg		02/05/21 08:10	02/06/21 04:19	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		02/05/21 08:10	02/06/21 04:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	104		70 - 130	02/05/21 08:10	02/06/21 04:19	1
4-Bromofluorobenzene (Surr)	100		70 - 130	02/05/21 08:10	02/06/21 04:19	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<49.9	U	49.9	mg/Kg		02/05/21 13:37	02/10/21 23:53	1
Total TPH	<49.9	U	49.9	mg/Kg		02/05/21 13:37	02/10/21 23:53	1
>C10-C28	<49.9	U	49.9	mg/Kg		02/05/21 13:37	02/10/21 23:53	1
>C28-C35	<49.9	U	49.9	mg/Kg		02/05/21 13:37	02/10/21 23:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 135	02/05/21 13:37	02/10/21 23:53	1
o-Terphenyl	108		70 - 135	02/05/21 13:37	02/10/21 23:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12500		50.0	mg/Kg			02/05/21 17:58	5

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

Client Sample ID: FS46

Lab Sample ID: 890-145-33

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/05/21 08:10	02/06/21 04:41	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/05/21 08:10	02/06/21 04:41	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/05/21 08:10	02/06/21 04:41	1
Total BTEX	<0.00200	U	0.00200	mg/Kg		02/05/21 08:10	02/06/21 04:41	1
Xylenes, Total	<0.00200	U	0.00200	mg/Kg		02/05/21 08:10	02/06/21 04:41	1
m,p-Xylenes	<0.00401	U	0.00401	mg/Kg		02/05/21 08:10	02/06/21 04:41	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/05/21 08:10	02/06/21 04:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	104		70 - 130	02/05/21 08:10	02/06/21 04:41	1
4-Bromofluorobenzene (Surr)	105		70 - 130	02/05/21 08:10	02/06/21 04:41	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.0	U	50.0	mg/Kg		02/05/21 13:37	02/11/21 00:13	1
Total TPH	<50.0	U	50.0	mg/Kg		02/05/21 13:37	02/11/21 00:13	1
>C10-C28	<50.0	U	50.0	mg/Kg		02/05/21 13:37	02/11/21 00:13	1
>C28-C35	<50.0	U	50.0	mg/Kg		02/05/21 13:37	02/11/21 00:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 135	02/05/21 13:37	02/11/21 00:13	1
o-Terphenyl	111		70 - 135	02/05/21 13:37	02/11/21 00:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7470		50.0	mg/Kg			02/05/21 18:04	5

Client Sample ID: FS47

Lab Sample ID: 890-145-34

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		02/05/21 08:10	02/06/21 05:04	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		02/05/21 08:10	02/06/21 05:04	1
Toluene	<0.00201	U	0.00201	mg/Kg		02/05/21 08:10	02/06/21 05:04	1
Total BTEX	<0.00201	U	0.00201	mg/Kg		02/05/21 08:10	02/06/21 05:04	1
Xylenes, Total	<0.00201	U	0.00201	mg/Kg		02/05/21 08:10	02/06/21 05:04	1
m,p-Xylenes	<0.00402	U	0.00402	mg/Kg		02/05/21 08:10	02/06/21 05:04	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		02/05/21 08:10	02/06/21 05:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	104		70 - 130	02/05/21 08:10	02/06/21 05:04	1
4-Bromofluorobenzene (Surr)	101		70 - 130	02/05/21 08:10	02/06/21 05:04	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.1	U	50.1	mg/Kg		02/05/21 13:37	02/11/21 00:33	1
Total TPH	<50.1	U	50.1	mg/Kg		02/05/21 13:37	02/11/21 00:33	1
>C10-C28	<50.1	U	50.1	mg/Kg		02/05/21 13:37	02/11/21 00:33	1
>C28-C35	<50.1	U	50.1	mg/Kg		02/05/21 13:37	02/11/21 00:33	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

Client Sample ID: FS47

Lab Sample ID: 890-145-34

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 135	02/05/21 13:37	02/11/21 00:33	1
o-Terphenyl	105		70 - 135	02/05/21 13:37	02/11/21 00:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2480		49.8	mg/Kg			02/05/21 18:21	5

Client Sample ID: FS48

Lab Sample ID: 890-145-35

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		02/05/21 08:10	02/06/21 05:26	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		02/05/21 08:10	02/06/21 05:26	1
Toluene	<0.00198	U	0.00198	mg/Kg		02/05/21 08:10	02/06/21 05:26	1
Total BTEX	<0.00198	U	0.00198	mg/Kg		02/05/21 08:10	02/06/21 05:26	1
Xylenes, Total	<0.00198	U	0.00198	mg/Kg		02/05/21 08:10	02/06/21 05:26	1
m,p-Xylenes	<0.00397	U	0.00397	mg/Kg		02/05/21 08:10	02/06/21 05:26	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		02/05/21 08:10	02/06/21 05:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	103		70 - 130	02/05/21 08:10	02/06/21 05:26	1
4-Bromofluorobenzene (Surr)	104		70 - 130	02/05/21 08:10	02/06/21 05:26	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.3	U	50.3	mg/Kg		02/05/21 13:37	02/11/21 00:53	1
Total TPH	<50.3	U	50.3	mg/Kg		02/05/21 13:37	02/11/21 00:53	1
>C10-C28	<50.3	U	50.3	mg/Kg		02/05/21 13:37	02/11/21 00:53	1
>C28-C35	<50.3	U	50.3	mg/Kg		02/05/21 13:37	02/11/21 00:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 135	02/05/21 13:37	02/11/21 00:53	1
o-Terphenyl	114		70 - 135	02/05/21 13:37	02/11/21 00:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1830		50.5	mg/Kg			02/05/21 18:26	5

Client Sample ID: FS49

Lab Sample ID: 890-145-36

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		02/05/21 08:10	02/06/21 06:11	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		02/05/21 08:10	02/06/21 06:11	1
Toluene	<0.00201	U	0.00201	mg/Kg		02/05/21 08:10	02/06/21 06:11	1
Total BTEX	<0.00201	U	0.00201	mg/Kg		02/05/21 08:10	02/06/21 06:11	1
Xylenes, Total	<0.00201	U	0.00201	mg/Kg		02/05/21 08:10	02/06/21 06:11	1
m,p-Xylenes	<0.00402	U	0.00402	mg/Kg		02/05/21 08:10	02/06/21 06:11	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

Client Sample ID: FS49

Lab Sample ID: 890-145-36

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00201	U	0.00201	mg/Kg		02/05/21 08:10	02/06/21 06:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	103		70 - 130			02/05/21 08:10	02/06/21 06:11	1
4-Bromofluorobenzene (Surr)	108		70 - 130			02/05/21 08:10	02/06/21 06:11	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<49.8	U	49.8	mg/Kg		02/05/21 13:37	02/11/21 01:34	1
Total TPH	<49.8	U	49.8	mg/Kg		02/05/21 13:37	02/11/21 01:34	1
>C10-C28	<49.8	U	49.8	mg/Kg		02/05/21 13:37	02/11/21 01:34	1
>C28-C35	<49.8	U	49.8	mg/Kg		02/05/21 13:37	02/11/21 01:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 135			02/05/21 13:37	02/11/21 01:34	1
o-Terphenyl	108		70 - 135			02/05/21 13:37	02/11/21 01:34	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6140		50.0	mg/Kg			02/05/21 18:32	5

Client Sample ID: FS50

Lab Sample ID: 890-145-37

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		02/05/21 08:10	02/06/21 06:33	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		02/05/21 08:10	02/06/21 06:33	1
Toluene	<0.00199	U	0.00199	mg/Kg		02/05/21 08:10	02/06/21 06:33	1
Total BTEX	<0.00199	U	0.00199	mg/Kg		02/05/21 08:10	02/06/21 06:33	1
Xylenes, Total	<0.00199	U	0.00199	mg/Kg		02/05/21 08:10	02/06/21 06:33	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		02/05/21 08:10	02/06/21 06:33	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		02/05/21 08:10	02/06/21 06:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	105		70 - 130			02/05/21 08:10	02/06/21 06:33	1
4-Bromofluorobenzene (Surr)	106		70 - 130			02/05/21 08:10	02/06/21 06:33	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<49.8	U	49.8	mg/Kg		02/05/21 13:37	02/11/21 01:54	1
Total TPH	<49.8	U	49.8	mg/Kg		02/05/21 13:37	02/11/21 01:54	1
>C10-C28	<49.8	U	49.8	mg/Kg		02/05/21 13:37	02/11/21 01:54	1
>C28-C35	<49.8	U	49.8	mg/Kg		02/05/21 13:37	02/11/21 01:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 135			02/05/21 13:37	02/11/21 01:54	1
o-Terphenyl	116		70 - 135			02/05/21 13:37	02/11/21 01:54	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

Client Sample ID: FS50

Lab Sample ID: 890-145-37

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4640		50.0	mg/Kg			02/05/21 18:38	5

Client Sample ID: FS51

Lab Sample ID: 890-145-38

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/05/21 08:10	02/06/21 06:56	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/05/21 08:10	02/06/21 06:56	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/05/21 08:10	02/06/21 06:56	1
Total BTEX	<0.00200	U	0.00200	mg/Kg		02/05/21 08:10	02/06/21 06:56	1
Xylenes, Total	<0.00200	U	0.00200	mg/Kg		02/05/21 08:10	02/06/21 06:56	1
m,p-Xylenes	<0.00399	U	0.00399	mg/Kg		02/05/21 08:10	02/06/21 06:56	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/05/21 08:10	02/06/21 06:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	103		70 - 130	02/05/21 08:10	02/06/21 06:56	1
4-Bromofluorobenzene (Surr)	101		70 - 130	02/05/21 08:10	02/06/21 06:56	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<49.9	U	49.9	mg/Kg		02/05/21 13:37	02/11/21 02:14	1
Total TPH	<49.9	U	49.9	mg/Kg		02/05/21 13:37	02/11/21 02:14	1
>C10-C28	<49.9	U	49.9	mg/Kg		02/05/21 13:37	02/11/21 02:14	1
>C28-C35	<49.9	U	49.9	mg/Kg		02/05/21 13:37	02/11/21 02:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 135	02/05/21 13:37	02/11/21 02:14	1
o-Terphenyl	106		70 - 135	02/05/21 13:37	02/11/21 02:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6190		50.5	mg/Kg			02/05/21 18:44	5

Client Sample ID: FS52

Lab Sample ID: 890-145-39

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/05/21 08:10	02/06/21 07:18	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/05/21 08:10	02/06/21 07:18	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/05/21 08:10	02/06/21 07:18	1
Total BTEX	<0.00200	U	0.00200	mg/Kg		02/05/21 08:10	02/06/21 07:18	1
Xylenes, Total	<0.00200	U	0.00200	mg/Kg		02/05/21 08:10	02/06/21 07:18	1
m,p-Xylenes	<0.00401	U	0.00401	mg/Kg		02/05/21 08:10	02/06/21 07:18	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/05/21 08:10	02/06/21 07:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	103		70 - 130	02/05/21 08:10	02/06/21 07:18	1
4-Bromofluorobenzene (Surr)	105		70 - 130	02/05/21 08:10	02/06/21 07:18	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

Client Sample ID: FS52

Lab Sample ID: 890-145-39

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.0	U	50.0	mg/Kg		02/05/21 13:37	02/11/21 02:34	1
Total TPH	<50.0	U	50.0	mg/Kg		02/05/21 13:37	02/11/21 02:34	1
>C10-C28	<50.0	U	50.0	mg/Kg		02/05/21 13:37	02/11/21 02:34	1
>C28-C35	<50.0	U	50.0	mg/Kg		02/05/21 13:37	02/11/21 02:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 135	02/05/21 13:37	02/11/21 02:34	1
o-Terphenyl	108		70 - 135	02/05/21 13:37	02/11/21 02:34	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4860		50.5	mg/Kg			02/05/21 18:49	5

Client Sample ID: FS53

Lab Sample ID: 890-145-40

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/05/21 08:10	02/06/21 07:41	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/05/21 08:10	02/06/21 07:41	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/05/21 08:10	02/06/21 07:41	1
Total BTEX	<0.00200	U	0.00200	mg/Kg		02/05/21 08:10	02/06/21 07:41	1
Xylenes, Total	<0.00200	U	0.00200	mg/Kg		02/05/21 08:10	02/06/21 07:41	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		02/05/21 08:10	02/06/21 07:41	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/05/21 08:10	02/06/21 07:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	103		70 - 130	02/05/21 08:10	02/06/21 07:41	1
4-Bromofluorobenzene (Surr)	103		70 - 130	02/05/21 08:10	02/06/21 07:41	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.0	U	50.0	mg/Kg		02/05/21 13:37	02/11/21 02:55	1
Total TPH	<50.0	U	50.0	mg/Kg		02/05/21 13:37	02/11/21 02:55	1
>C10-C28	<50.0	U	50.0	mg/Kg		02/05/21 13:37	02/11/21 02:55	1
>C28-C35	<50.0	U	50.0	mg/Kg		02/05/21 13:37	02/11/21 02:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 135	02/05/21 13:37	02/11/21 02:55	1
o-Terphenyl	115		70 - 135	02/05/21 13:37	02/11/21 02:55	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4820		50.5	mg/Kg			02/05/21 18:55	5

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

Client Sample ID: FS54

Lab Sample ID: 890-145-41

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		02/05/21 08:18	02/06/21 09:33	1
Ethylbenzene	<0.00201	U F1	0.00201	mg/Kg		02/05/21 08:18	02/06/21 09:33	1
Toluene	<0.00201	U	0.00201	mg/Kg		02/05/21 08:18	02/06/21 09:33	1
Total BTEX	<0.00201	U	0.00201	mg/Kg		02/05/21 08:18	02/06/21 09:33	1
Xylenes, Total	<0.00201	U	0.00201	mg/Kg		02/05/21 08:18	02/06/21 09:33	1
m,p-Xylenes	<0.00402	U F1	0.00402	mg/Kg		02/05/21 08:18	02/06/21 09:33	1
o-Xylene	<0.00201	U F1	0.00201	mg/Kg		02/05/21 08:18	02/06/21 09:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	106		70 - 130	02/05/21 08:18	02/06/21 09:33	1
4-Bromofluorobenzene (Surr)	103		70 - 130	02/05/21 08:18	02/06/21 09:33	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.2	U	50.2	mg/Kg		02/09/21 18:09	02/10/21 13:17	1
Total TPH	<50.2	U	50.2	mg/Kg		02/09/21 18:09	02/10/21 13:17	1
>C10-C28	<50.2	U	50.2	mg/Kg		02/09/21 18:09	02/10/21 13:17	1
>C28-C35	<50.2	U	50.2	mg/Kg		02/09/21 18:09	02/10/21 13:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 135	02/09/21 18:09	02/10/21 13:17	1
o-Terphenyl	100		70 - 135	02/09/21 18:09	02/10/21 13:17	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3890		50.5	mg/Kg			02/05/21 19:29	5

Eurofins Xenco, Carlsbad

Surrogate Summary

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DFBZ1 (70-130)	BFB1 (70-130)
890-145-1	FS14	106	100
890-145-1 MS	FS14	100	95
890-145-1 MSD	FS14	100	95
890-145-2	FS15	104	108
890-145-3	FS16	106	101
890-145-4	FS17	104	100
890-145-5	FS18	107	100
890-145-6	FS19	105	102
890-145-7	FS20	107	96
890-145-8	FS21	107	109
890-145-9	FS22	105	98
890-145-10	FS23	106	100
890-145-11	FS24	107	101
890-145-12	FS25	106	99
890-145-13	FS26	104	101
890-145-14	FS27	109	107
890-145-15	FS28	104	101
890-145-16	FS29	105	107
890-145-17	FS30	105	101
890-145-18	FS31	104	100
890-145-19	FS32	105	100
890-145-20	FS33	102	98
890-145-21	FS34	103	99
890-145-21 MS	FS34	102	98
890-145-21 MSD	FS34	101	98
890-145-22	FS35	104	105
890-145-23	FS36	104	99
890-145-24	FS37	103	102
890-145-25	FS38	103	108
890-145-26	FS39	101	102
890-145-27	FS40	105	103
890-145-28	FS41	104	98
890-145-29	FS42	102	107
890-145-30	FS43	102	106
890-145-31	FS44	103	102
890-145-32	FS45	104	100
890-145-33	FS46	104	105
890-145-34	FS47	104	101
890-145-35	FS48	103	104
890-145-36	FS49	103	108
890-145-37	FS50	105	106
890-145-38	FS51	103	101
890-145-39	FS52	103	105
890-145-40	FS53	103	103
890-145-41	FS54	106	103
890-145-41 MS	FS54	101	103
890-145-41 MSD	FS54	99	106
LCS 890-157/2-A	Lab Control Sample	102	98
LCS 890-158/2-A	Lab Control Sample	101	95

Eurofins Xenco, Carlsbad

Surrogate Summary

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	DFBZ1 (70-130)	BFB1 (70-130)
LCS 890-159/2-A	Lab Control Sample	94	101
LCSD 890-157/3-A	Lab Control Sample Dup	99	96
LCSD 890-158/3-A	Lab Control Sample Dup	101	98
LCSD 890-159/3-A	Lab Control Sample Dup	98	99
MB 890-157/1-A	Method Blank	106	102
MB 890-158/1-A	Method Blank	101	96
MB 890-159/1-A	Method Blank	103	99
Surrogate Legend			
DFBZ = 1,4-Difluorobenzene			
BFB = 4-Bromofluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-135)	OTPH1 (70-135)
890-145-1	FS14	93	91
890-145-1 MS	FS14	115	105
890-145-1 MSD	FS14	121	110
890-145-2	FS15	99	97
890-145-3	FS16	99	97
890-145-4	FS17	95	93
890-145-5	FS18	101	99
890-145-6	FS19	100	98
890-145-7	FS20	91	89
890-145-8	FS21	95	93
890-145-9	FS22	103	99
890-145-10	FS23	97	95
890-145-11	FS24	100	98
890-145-12	FS25	104	101
890-145-13	FS26	100	97
890-145-14	FS27	96	94
890-145-15	FS28	103	101
890-145-16	FS29	101	99
890-145-17	FS30	101	99
890-145-18	FS31	210 S1+	206 S1+
890-145-19	FS32	98	96
890-145-20	FS33	95	93
890-145-21	FS34	102	98
890-145-21 MS	FS34	116	105
890-145-21 MSD	FS34	117	106
890-145-22	FS35	107	103
890-145-23	FS36	168 S1+	162 S1+
890-145-24	FS37	107	103
890-145-25	FS38	109	105
890-145-26	FS39	108	105
890-145-27	FS40	107	104
890-145-28	FS41	107	103
890-145-29	FS42	109	105

Eurofins Xenco, Carlsbad

Surrogate Summary

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-135)	OTPH1 (70-135)
890-145-30	FS43	108	105
890-145-31	FS44	106	101
890-145-32	FS45	112	108
890-145-33	FS46	112	111
890-145-34	FS47	110	105
890-145-35	FS48	118	114
890-145-36	FS49	113	108
890-145-37	FS50	121	116
890-145-38	FS51	109	106
890-145-39	FS52	111	108
890-145-40	FS53	118	115
890-145-41	FS54	103	100
890-157-A-41-H MS	Matrix Spike	112	100
890-157-A-41-I MSD	Matrix Spike Duplicate	121	107
LCS 890-165/2-A	Lab Control Sample	113	102
LCS 890-166/2-A	Lab Control Sample	114	103
LCS 890-223/2-A	Lab Control Sample	107	97
LCSD 890-165/3-A	Lab Control Sample Dup	110	98
LCSD 890-166/3-A	Lab Control Sample Dup	108	97
LCSD 890-223/3-A	Lab Control Sample Dup	104	92
MB 890-165/1-A	Method Blank	99	97
MB 890-166/1-A	Method Blank	98	94
MB 890-223/1-A	Method Blank	92	88

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 890-157/1-A

Matrix: Solid

Analysis Batch: 164

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 157

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/05/21 07:50	02/05/21 11:22	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/05/21 07:50	02/05/21 11:22	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/05/21 07:50	02/05/21 11:22	1
Total BTEX	<0.00200	U	0.00200	mg/Kg		02/05/21 07:50	02/05/21 11:22	1
Xylenes, Total	<0.00200	U	0.00200	mg/Kg		02/05/21 07:50	02/05/21 11:22	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		02/05/21 07:50	02/05/21 11:22	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/05/21 07:50	02/05/21 11:22	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	106		70 - 130	02/05/21 07:50	02/05/21 11:22	1
4-Bromofluorobenzene (Surr)	102		70 - 130	02/05/21 07:50	02/05/21 11:22	1

Lab Sample ID: LCS 890-157/2-A

Matrix: Solid

Analysis Batch: 164

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 157

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1055		mg/Kg		105	70 - 130
Ethylbenzene	0.100	0.1027		mg/Kg		103	71 - 129
Toluene	0.100	0.1049		mg/Kg		105	70 - 130
m,p-Xylenes	0.200	0.2020		mg/Kg		101	70 - 135
o-Xylene	0.100	0.1018		mg/Kg		102	71 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,4-Difluorobenzene	102		70 - 130
4-Bromofluorobenzene (Surr)	98		70 - 130

Lab Sample ID: LCSD 890-157/3-A

Matrix: Solid

Analysis Batch: 164

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 157

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.1063		mg/Kg		106	70 - 130	1	35
Ethylbenzene	0.100	0.1031		mg/Kg		103	71 - 129	0	35
Toluene	0.100	0.1049		mg/Kg		105	70 - 130	0	35
m,p-Xylenes	0.200	0.2034		mg/Kg		102	70 - 135	1	35
o-Xylene	0.100	0.1018		mg/Kg		102	71 - 133	0	35

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

Lab Sample ID: 890-145-1 MS

Matrix: Solid

Analysis Batch: 164

Client Sample ID: FS14

Prep Type: Total/NA

Prep Batch: 157

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U	0.0996	0.08537		mg/Kg		86	70 - 130

Eurofins Xenco, Carlsbad

QC Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

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

Lab Sample ID: 890-145-1 MS

Matrix: Solid

Analysis Batch: 164

Client Sample ID: FS14

Prep Type: Total/NA

Prep Batch: 157

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	<0.00200	U	0.0996	0.07915		mg/Kg		79	71 - 129
Toluene	<0.00200	U	0.0996	0.08453		mg/Kg		85	70 - 130
m,p-Xylenes	<0.00399	U	0.199	0.1527		mg/Kg		77	70 - 135
o-Xylene	<0.00200	U	0.0996	0.08224		mg/Kg		83	71 - 133
Surrogate	MS %Recovery	MS Qualifier	Limits						
1,4-Difluorobenzene	100		70 - 130						
4-Bromofluorobenzene (Surr)	95		70 - 130						

Lab Sample ID: 890-145-1 MSD

Matrix: Solid

Analysis Batch: 164

Client Sample ID: FS14

Prep Type: Total/NA

Prep Batch: 157

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0998	0.09361		mg/Kg		94	70 - 130	9	35
Ethylbenzene	<0.00200	U	0.0998	0.08682		mg/Kg		87	71 - 129	9	35
Toluene	<0.00200	U	0.0998	0.09183		mg/Kg		92	70 - 130	8	35
m,p-Xylenes	<0.00399	U	0.200	0.1679		mg/Kg		84	70 - 135	9	35
o-Xylene	<0.00200	U	0.0998	0.08946		mg/Kg		90	71 - 133	8	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1,4-Difluorobenzene	100		70 - 130								
4-Bromofluorobenzene (Surr)	95		70 - 130								

Lab Sample ID: MB 890-158/1-A

Matrix: Solid

Analysis Batch: 164

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 158

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/05/21 08:10	02/05/21 21:58	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/05/21 08:10	02/05/21 21:58	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/05/21 08:10	02/05/21 21:58	1
Total BTEX	<0.00200	U	0.00200	mg/Kg		02/05/21 08:10	02/05/21 21:58	1
Xylenes, Total	<0.00200	U	0.00200	mg/Kg		02/05/21 08:10	02/05/21 21:58	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		02/05/21 08:10	02/05/21 21:58	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/05/21 08:10	02/05/21 21:58	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	101		70 - 130			02/05/21 08:10	02/05/21 21:58	1
4-Bromofluorobenzene (Surr)	96		70 - 130			02/05/21 08:10	02/05/21 21:58	1

Lab Sample ID: LCS 890-158/2-A

Matrix: Solid

Analysis Batch: 164

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 158

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1007		mg/Kg		101	70 - 130
Ethylbenzene	0.100	0.09668		mg/Kg		97	71 - 129

Eurofins Xenco, Carlsbad

QC Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

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

Lab Sample ID: LCS 890-158/2-A

Matrix: Solid

Analysis Batch: 164

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 158

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	0.100	0.09913		mg/Kg		99	70 - 130
m,p-Xylenes	0.200	0.1891		mg/Kg		95	70 - 135
o-Xylene	0.100	0.09700		mg/Kg		97	71 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,4-Difluorobenzene	101		70 - 130
4-Bromofluorobenzene (Surr)	95		70 - 130

Lab Sample ID: LCSD 890-158/3-A

Matrix: Solid

Analysis Batch: 164

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 158

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.1023		mg/Kg		102	70 - 130	2	35
Ethylbenzene	0.100	0.09869		mg/Kg		99	71 - 129	2	35
Toluene	0.100	0.1017		mg/Kg		102	70 - 130	3	35
m,p-Xylenes	0.200	0.1932		mg/Kg		97	70 - 135	2	35
o-Xylene	0.100	0.09997		mg/Kg		100	71 - 133	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,4-Difluorobenzene	101		70 - 130
4-Bromofluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 890-145-21 MS

Matrix: Solid

Analysis Batch: 164

Client Sample ID: FS34

Prep Type: Total/NA

Prep Batch: 158

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00198	U	0.0998	0.09722		mg/Kg		97	70 - 130
Ethylbenzene	<0.00198	U	0.0998	0.09294		mg/Kg		93	71 - 129
Toluene	<0.00198	U	0.0998	0.09649		mg/Kg		97	70 - 130
m,p-Xylenes	<0.00397	U	0.200	0.1807		mg/Kg		91	70 - 135
o-Xylene	<0.00198	U	0.0998	0.09348		mg/Kg		94	71 - 133

Surrogate	MS %Recovery	MS Qualifier	Limits
1,4-Difluorobenzene	102		70 - 130
4-Bromofluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 890-145-21 MSD

Matrix: Solid

Analysis Batch: 164

Client Sample ID: FS34

Prep Type: Total/NA

Prep Batch: 158

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	<0.00198	U	0.0998	0.09416		mg/Kg		94	70 - 130	3	35
Ethylbenzene	<0.00198	U	0.0998	0.08984		mg/Kg		90	71 - 129	3	35
Toluene	<0.00198	U	0.0998	0.09445		mg/Kg		95	70 - 130	2	35
m,p-Xylenes	<0.00397	U	0.200	0.1760		mg/Kg		88	70 - 135	3	35
o-Xylene	<0.00198	U	0.0998	0.09036		mg/Kg		91	71 - 133	3	35

Eurofins Xenco, Carlsbad

QC Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

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

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,4-Difluorobenzene	101		70 - 130
4-Bromofluorobenzene (Surr)	98		70 - 130

Lab Sample ID: MB 890-159/1-A

Matrix: Solid

Analysis Batch: 164

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 159

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/05/21 08:18	02/06/21 08:25	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/05/21 08:18	02/06/21 08:25	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/05/21 08:18	02/06/21 08:25	1
Total BTEX	<0.00200	U	0.00200	mg/Kg		02/05/21 08:18	02/06/21 08:25	1
Xylenes, Total	<0.00200	U	0.00200	mg/Kg		02/05/21 08:18	02/06/21 08:25	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		02/05/21 08:18	02/06/21 08:25	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/05/21 08:18	02/06/21 08:25	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	103		70 - 130	02/05/21 08:18	02/06/21 08:25	1
4-Bromofluorobenzene (Surr)	99		70 - 130	02/05/21 08:18	02/06/21 08:25	1

Lab Sample ID: LCS 890-159/2-A

Matrix: Solid

Analysis Batch: 164

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 159

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09909		mg/Kg		99	70 - 130
Ethylbenzene	0.100	0.09685		mg/Kg		97	71 - 129
Toluene	0.100	0.09924		mg/Kg		99	70 - 130
m,p-Xylenes	0.200	0.1891		mg/Kg		95	70 - 135
o-Xylene	0.100	0.09812		mg/Kg		98	71 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,4-Difluorobenzene	94		70 - 130
4-Bromofluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 890-159/3-A

Matrix: Solid

Analysis Batch: 164

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 159

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.09892		mg/Kg		99	70 - 130	0	35
Ethylbenzene	0.100	0.09827		mg/Kg		98	71 - 129	1	35
Toluene	0.100	0.1000		mg/Kg		100	70 - 130	1	35
m,p-Xylenes	0.200	0.1926		mg/Kg		96	70 - 135	2	35
o-Xylene	0.100	0.09808		mg/Kg		98	71 - 133	0	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,4-Difluorobenzene	98		70 - 130
4-Bromofluorobenzene (Surr)	99		70 - 130

Eurofins Xenco, Carlsbad

QC Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

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

Lab Sample ID: 890-145-41 MS

Matrix: Solid

Analysis Batch: 164

Client Sample ID: FS54

Prep Type: Total/NA

Prep Batch: 159

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00201	U	0.0998	0.1009		mg/Kg		101	70 - 130
Ethylbenzene	<0.00201	U F1	0.0998	0.09103		mg/Kg		91	71 - 129
Toluene	<0.00201	U	0.0998	0.09709		mg/Kg		97	70 - 130
m,p-Xylenes	<0.00402	U F1	0.200	0.1787		mg/Kg		90	70 - 135
o-Xylene	<0.00201	U F1	0.0998	0.09191		mg/Kg		92	71 - 133

Surrogate	MS %Recovery	MS Qualifier	Limits
1,4-Difluorobenzene	101		70 - 130
4-Bromofluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 890-145-41 MSD

Matrix: Solid

Analysis Batch: 164

Client Sample ID: FS54

Prep Type: Total/NA

Prep Batch: 159

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.100	0.08199		mg/Kg		82	70 - 130	21	35
Ethylbenzene	<0.00201	U F1	0.100	0.06664	F1	mg/Kg		67	71 - 129	31	35
Toluene	<0.00201	U	0.100	0.07294		mg/Kg		73	70 - 130	28	35
m,p-Xylenes	<0.00402	U F1	0.200	0.1282	F1	mg/Kg		64	70 - 135	33	35
o-Xylene	<0.00201	U F1	0.100	0.06678	F1	mg/Kg		67	71 - 133	32	35

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

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

Lab Sample ID: MB 890-165/1-A

Matrix: Solid

Analysis Batch: 232

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 165

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.0	U	50.0	mg/Kg		02/05/21 13:22	02/10/21 18:04	1
Total TPH	<50.0	U	50.0	mg/Kg		02/05/21 13:22	02/10/21 18:04	1
>C10-C28	<50.0	U	50.0	mg/Kg		02/05/21 13:22	02/10/21 18:04	1
>C28-C35	<50.0	U	50.0	mg/Kg		02/05/21 13:22	02/10/21 18:04	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 135	02/05/21 13:22	02/10/21 18:04	1
o-Terphenyl	97		70 - 135	02/05/21 13:22	02/10/21 18:04	1

Lab Sample ID: LCS 890-165/2-A

Matrix: Solid

Analysis Batch: 232

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 165

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C6-C10	1000	1027		mg/Kg		103	70 - 135
>C10-C28	1000	1008		mg/Kg		101	70 - 135

Eurofins Xenco, Carlsbad

QC Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	113		70 - 135
o-Terphenyl	102		70 - 135

Lab Sample ID: LCSD 890-165/3-A

Matrix: Solid

Analysis Batch: 232

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 165

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
C6-C10	1000	1046		mg/Kg		105	70 - 135	2	25
>C10-C28	1000	1025		mg/Kg		103	70 - 135	2	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	110		70 - 135
o-Terphenyl	98		70 - 135

Lab Sample ID: 890-145-1 MS

Matrix: Solid

Analysis Batch: 232

Client Sample ID: FS14

Prep Type: Total/NA

Prep Batch: 165

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
C6-C10	<50.2	U	1000	1031		mg/Kg		103	70 - 135		
Total TPH	<50.2	U	2010	2045		mg/Kg		102			
>C10-C28	<50.2	U	1000	1014		mg/Kg		99	70 - 135		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	115		70 - 135
o-Terphenyl	105		70 - 135

Lab Sample ID: 890-145-1 MSD

Matrix: Solid

Analysis Batch: 232

Client Sample ID: FS14

Prep Type: Total/NA

Prep Batch: 165

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
C6-C10	<50.2	U	1010	1034		mg/Kg		103	70 - 135	0	35
Total TPH	<50.2	U	2010	2050		mg/Kg		102		0	
>C10-C28	<50.2	U	1010	1016		mg/Kg		99	70 - 135	0	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	121		70 - 135
o-Terphenyl	110		70 - 135

Lab Sample ID: MB 890-166/1-A

Matrix: Solid

Analysis Batch: 233

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 166

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.0	U	50.0	mg/Kg		02/05/21 13:37	02/10/21 18:04	1
Total TPH	<50.0	U	50.0	mg/Kg		02/05/21 13:37	02/10/21 18:04	1
>C10-C28	<50.0	U	50.0	mg/Kg		02/05/21 13:37	02/10/21 18:04	1
>C28-C35	<50.0	U	50.0	mg/Kg		02/05/21 13:37	02/10/21 18:04	1

Eurofins Xenco, Carlsbad

QC Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

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

Lab Sample ID: MB 890-166/1-A

Matrix: Solid

Analysis Batch: 233

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 166

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 135	02/05/21 13:37	02/10/21 18:04	1
o-Terphenyl	94		70 - 135	02/05/21 13:37	02/10/21 18:04	1

Lab Sample ID: LCS 890-166/2-A

Matrix: Solid

Analysis Batch: 233

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 166

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C6-C10	1000	1154		mg/Kg		115	70 - 135
Total TPH	2000	2149		mg/Kg		107	
>C10-C28	1000	995.1		mg/Kg		100	70 - 135

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	114		70 - 135
o-Terphenyl	103		70 - 135

Lab Sample ID: LCSD 890-166/3-A

Matrix: Solid

Analysis Batch: 233

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 166

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
C6-C10	1000	1139		mg/Kg		114	70 - 135	1	25
Total TPH	2000	2111		mg/Kg		106		2	
>C10-C28	1000	972.2		mg/Kg		97	70 - 135	2	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	108		70 - 135
o-Terphenyl	97		70 - 135

Lab Sample ID: 890-145-21 MS

Matrix: Solid

Analysis Batch: 233

Client Sample ID: FS34

Prep Type: Total/NA

Prep Batch: 166

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
C6-C10	<50.2	U	1000	1148		mg/Kg		115	70 - 135
Total TPH	<50.2	U	2000	2126		mg/Kg		106	
>C10-C28	<50.2	U	1000	977.7		mg/Kg		98	70 - 135

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	116		70 - 135
o-Terphenyl	105		70 - 135

Lab Sample ID: 890-145-21 MSD

Matrix: Solid

Analysis Batch: 233

Client Sample ID: FS34

Prep Type: Total/NA

Prep Batch: 166

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
C6-C10	<50.2	U	1010	1089		mg/Kg		108	70 - 135	5	35

Eurofins Xenco, Carlsbad

QC Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

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

Lab Sample ID: 890-145-21 MSD

Matrix: Solid

Analysis Batch: 233

Client Sample ID: FS34

Prep Type: Total/NA

Prep Batch: 166

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total TPH	<50.2	U	2010	2027		mg/Kg		101		5	
>C10-C28	<50.2	U	1010	938.3		mg/Kg		93	70 - 135	4	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	117		70 - 135								
o-Terphenyl	106		70 - 135								

Lab Sample ID: MB 890-223/1-A

Matrix: Solid

Analysis Batch: 224

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 223

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.0	U	50.0	mg/Kg		02/09/21 18:09	02/10/21 06:29	1
Total TPH	<50.0	U	50.0	mg/Kg		02/09/21 18:09	02/10/21 06:29	1
>C10-C28	<50.0	U	50.0	mg/Kg		02/09/21 18:09	02/10/21 06:29	1
>C28-C35	<50.0	U	50.0	mg/Kg		02/09/21 18:09	02/10/21 06:29	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 135			02/09/21 18:09	02/10/21 06:29	1
o-Terphenyl	88		70 - 135			02/09/21 18:09	02/10/21 06:29	1

Lab Sample ID: LCS 890-223/2-A

Matrix: Solid

Analysis Batch: 224

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 223

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	
C6-C10	1000	1001		mg/Kg		100	70 - 135	
>C10-C28	1000	1002		mg/Kg		100	70 - 135	
Surrogate	LCS %Recovery	LCS Qualifier	Limits					
1-Chlorooctane	107		70 - 135					
o-Terphenyl	97		70 - 135					

Lab Sample ID: LCSD 890-223/3-A

Matrix: Solid

Analysis Batch: 224

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 223

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C6-C10	1000	1007		mg/Kg		101	70 - 135	1	25
>C10-C28	1000	1002		mg/Kg		100	70 - 135	0	25
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	104		70 - 135						
o-Terphenyl	92		70 - 135						

Eurofins Xenco, Carlsbad

QC Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

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

Lab Sample ID: 890-157-A-41-H MS

Matrix: Solid

Analysis Batch: 224

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 223

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
C6-C10	<49.8	U	1000	1022		mg/Kg		102	70 - 135
Total TPH	<49.8	U	2000	2045		mg/Kg		0	
>C10-C28	<49.8	U	1000	1023		mg/Kg		102	70 - 135
MS MS									
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane	112		70 - 135						
o-Terphenyl	100		70 - 135						

Lab Sample ID: 890-157-A-41-I MSD

Matrix: Solid

Analysis Batch: 224

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 223

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C6-C10	<49.8	U	996	1062		mg/Kg		107	70 - 135	4	35
Total TPH	<49.8	U	1990	2131		mg/Kg		0		NC	
>C10-C28	<49.8	U	996	1069		mg/Kg		107	70 - 135	4	35
MSD MSD											
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	121		70 - 135								
o-Terphenyl	107		70 - 135								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 890-160/1-A

Matrix: Solid

Analysis Batch: 163

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0	mg/Kg			02/05/21 12:57	1

Lab Sample ID: MB 890-161/1-A

Matrix: Solid

Analysis Batch: 163

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<50.0	U	50.0	mg/Kg			02/05/21 16:04	5

Lab Sample ID: MB 890-162/1-A

Matrix: Solid

Analysis Batch: 163

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0	mg/Kg			02/05/21 19:12	1

Eurofins Xenco, Carlsbad

QC Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 890-160/2-A

Matrix: Solid

Analysis Batch: 163

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	500	537.8		mg/Kg		108	90 - 110

Lab Sample ID: LCS 890-161/2-A

Matrix: Solid

Analysis Batch: 163

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	500	536.1		mg/Kg		107	90 - 110

Lab Sample ID: LCS 890-162/2-A

Matrix: Solid

Analysis Batch: 163

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	500	536.2		mg/Kg		107	90 - 110

Lab Sample ID: LCSD 890-160/3-A

Matrix: Solid

Analysis Batch: 163

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	500	534.4		mg/Kg		107	90 - 110	1	20

Lab Sample ID: LCSD 890-161/3-A

Matrix: Solid

Analysis Batch: 163

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	500	533.2		mg/Kg		107	90 - 110	1	20

Lab Sample ID: LCSD 890-162/3-A

Matrix: Solid

Analysis Batch: 163

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	500	533.5		mg/Kg		107	90 - 110	0	20

Lab Sample ID: 890-145-1 MS

Matrix: Solid

Analysis Batch: 163

Client Sample ID: FS14

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	1870	F1	499	2282	F1	mg/Kg		83	90 - 110

Lab Sample ID: 890-145-1 MSD

Matrix: Solid

Analysis Batch: 163

Client Sample ID: FS14

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	1870	F1	501	2307	F1	mg/Kg		87	90 - 110	1	20

Eurofins Xenco, Carlsbad

QC Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-145-11 MS

Matrix: Solid

Analysis Batch: 163

Client Sample ID: FS24

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	2810		497	3125	4	mg/Kg		62	90 - 110		

Lab Sample ID: 890-145-11 MSD

Matrix: Solid

Analysis Batch: 163

Client Sample ID: FS24

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	2810		499	3133	4	mg/Kg		64	90 - 110	0	20

Lab Sample ID: 890-145-21 MS

Matrix: Solid

Analysis Batch: 163

Client Sample ID: FS34

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	1940	F1	498	2348	F1	mg/Kg		82	90 - 110		

Lab Sample ID: 890-145-21 MSD

Matrix: Solid

Analysis Batch: 163

Client Sample ID: FS34

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	1940	F1	502	2336	F1	mg/Kg		79	90 - 110	1	20

Lab Sample ID: 890-145-31 MS

Matrix: Solid

Analysis Batch: 163

Client Sample ID: FS44

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	7570		503	7646	4	mg/Kg		15	90 - 110		

Lab Sample ID: 890-145-41 MS

Matrix: Solid

Analysis Batch: 163

Client Sample ID: FS54

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	3890		504	3903	4	mg/Kg		3	90 - 110		

Lab Sample ID: 890-145-41 MSD

Matrix: Solid

Analysis Batch: 163

Client Sample ID: FS54

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	3890		496	3845	4	mg/Kg		-9	90 - 110	2	20

Lab Sample ID: 890-145-A-31-E MSD

Matrix: Solid

Analysis Batch: 163

Client Sample ID: 890-145-A-31-E MSD

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	7570		505	7871		mg/Kg					

Eurofins Xenco, Carlsbad

QC Association Summary

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

GC VOA

Prep Batch: 157

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-145-1	FS14	Total/NA	Solid	5030C	
890-145-2	FS15	Total/NA	Solid	5030C	
890-145-3	FS16	Total/NA	Solid	5030C	
890-145-4	FS17	Total/NA	Solid	5030C	
890-145-5	FS18	Total/NA	Solid	5030C	
890-145-6	FS19	Total/NA	Solid	5030C	
890-145-7	FS20	Total/NA	Solid	5030C	
890-145-8	FS21	Total/NA	Solid	5030C	
890-145-9	FS22	Total/NA	Solid	5030C	
890-145-10	FS23	Total/NA	Solid	5030C	
890-145-11	FS24	Total/NA	Solid	5030C	
890-145-12	FS25	Total/NA	Solid	5030C	
890-145-13	FS26	Total/NA	Solid	5030C	
890-145-14	FS27	Total/NA	Solid	5030C	
890-145-15	FS28	Total/NA	Solid	5030C	
890-145-16	FS29	Total/NA	Solid	5030C	
890-145-17	FS30	Total/NA	Solid	5030C	
890-145-18	FS31	Total/NA	Solid	5030C	
890-145-19	FS32	Total/NA	Solid	5030C	
890-145-20	FS33	Total/NA	Solid	5030C	
MB 890-157/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 890-157/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCSD 890-157/3-A	Lab Control Sample Dup	Total/NA	Solid	5030C	
890-145-1 MS	FS14	Total/NA	Solid	5030C	
890-145-1 MSD	FS14	Total/NA	Solid	5030C	

Prep Batch: 158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-145-21	FS34	Total/NA	Solid	5030C	
890-145-22	FS35	Total/NA	Solid	5030C	
890-145-23	FS36	Total/NA	Solid	5030C	
890-145-24	FS37	Total/NA	Solid	5030C	
890-145-25	FS38	Total/NA	Solid	5030C	
890-145-26	FS39	Total/NA	Solid	5030C	
890-145-27	FS40	Total/NA	Solid	5030C	
890-145-28	FS41	Total/NA	Solid	5030C	
890-145-29	FS42	Total/NA	Solid	5030C	
890-145-30	FS43	Total/NA	Solid	5030C	
890-145-31	FS44	Total/NA	Solid	5030C	
890-145-32	FS45	Total/NA	Solid	5030C	
890-145-33	FS46	Total/NA	Solid	5030C	
890-145-34	FS47	Total/NA	Solid	5030C	
890-145-35	FS48	Total/NA	Solid	5030C	
890-145-36	FS49	Total/NA	Solid	5030C	
890-145-37	FS50	Total/NA	Solid	5030C	
890-145-38	FS51	Total/NA	Solid	5030C	
890-145-39	FS52	Total/NA	Solid	5030C	
890-145-40	FS53	Total/NA	Solid	5030C	
MB 890-158/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 890-158/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCSD 890-158/3-A	Lab Control Sample Dup	Total/NA	Solid	5030C	

Eurofins Xenco, Carlsbad

QC Association Summary

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

GC VOA (Continued)

Prep Batch: 158 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-145-21 MS	FS34	Total/NA	Solid	5030C	
890-145-21 MSD	FS34	Total/NA	Solid	5030C	

Prep Batch: 159

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-145-41	FS54	Total/NA	Solid	5030C	
MB 890-159/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 890-159/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCSD 890-159/3-A	Lab Control Sample Dup	Total/NA	Solid	5030C	
890-145-41 MS	FS54	Total/NA	Solid	5030C	
890-145-41 MSD	FS54	Total/NA	Solid	5030C	

Analysis Batch: 164

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-145-1	FS14	Total/NA	Solid	8021B	157
890-145-2	FS15	Total/NA	Solid	8021B	157
890-145-3	FS16	Total/NA	Solid	8021B	157
890-145-4	FS17	Total/NA	Solid	8021B	157
890-145-5	FS18	Total/NA	Solid	8021B	157
890-145-6	FS19	Total/NA	Solid	8021B	157
890-145-7	FS20	Total/NA	Solid	8021B	157
890-145-8	FS21	Total/NA	Solid	8021B	157
890-145-9	FS22	Total/NA	Solid	8021B	157
890-145-10	FS23	Total/NA	Solid	8021B	157
890-145-11	FS24	Total/NA	Solid	8021B	157
890-145-12	FS25	Total/NA	Solid	8021B	157
890-145-13	FS26	Total/NA	Solid	8021B	157
890-145-14	FS27	Total/NA	Solid	8021B	157
890-145-15	FS28	Total/NA	Solid	8021B	157
890-145-16	FS29	Total/NA	Solid	8021B	157
890-145-17	FS30	Total/NA	Solid	8021B	157
890-145-18	FS31	Total/NA	Solid	8021B	157
890-145-19	FS32	Total/NA	Solid	8021B	157
890-145-20	FS33	Total/NA	Solid	8021B	157
890-145-21	FS34	Total/NA	Solid	8021B	158
890-145-22	FS35	Total/NA	Solid	8021B	158
890-145-23	FS36	Total/NA	Solid	8021B	158
890-145-24	FS37	Total/NA	Solid	8021B	158
890-145-25	FS38	Total/NA	Solid	8021B	158
890-145-26	FS39	Total/NA	Solid	8021B	158
890-145-27	FS40	Total/NA	Solid	8021B	158
890-145-28	FS41	Total/NA	Solid	8021B	158
890-145-29	FS42	Total/NA	Solid	8021B	158
890-145-30	FS43	Total/NA	Solid	8021B	158
890-145-31	FS44	Total/NA	Solid	8021B	158
890-145-32	FS45	Total/NA	Solid	8021B	158
890-145-33	FS46	Total/NA	Solid	8021B	158
890-145-34	FS47	Total/NA	Solid	8021B	158
890-145-35	FS48	Total/NA	Solid	8021B	158
890-145-36	FS49	Total/NA	Solid	8021B	158
890-145-37	FS50	Total/NA	Solid	8021B	158

Eurofins Xenco, Carlsbad

QC Association Summary

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

GC VOA (Continued)

Analysis Batch: 164 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-145-38	FS51	Total/NA	Solid	8021B	158
890-145-39	FS52	Total/NA	Solid	8021B	158
890-145-40	FS53	Total/NA	Solid	8021B	158
890-145-41	FS54	Total/NA	Solid	8021B	159
MB 890-157/1-A	Method Blank	Total/NA	Solid	8021B	157
MB 890-158/1-A	Method Blank	Total/NA	Solid	8021B	158
MB 890-159/1-A	Method Blank	Total/NA	Solid	8021B	159
LCS 890-157/2-A	Lab Control Sample	Total/NA	Solid	8021B	157
LCS 890-158/2-A	Lab Control Sample	Total/NA	Solid	8021B	158
LCS 890-159/2-A	Lab Control Sample	Total/NA	Solid	8021B	159
LCSD 890-157/3-A	Lab Control Sample Dup	Total/NA	Solid	8021B	157
LCSD 890-158/3-A	Lab Control Sample Dup	Total/NA	Solid	8021B	158
LCSD 890-159/3-A	Lab Control Sample Dup	Total/NA	Solid	8021B	159
890-145-1 MS	FS14	Total/NA	Solid	8021B	157
890-145-1 MSD	FS14	Total/NA	Solid	8021B	157
890-145-21 MS	FS34	Total/NA	Solid	8021B	158
890-145-21 MSD	FS34	Total/NA	Solid	8021B	158
890-145-41 MS	FS54	Total/NA	Solid	8021B	159
890-145-41 MSD	FS54	Total/NA	Solid	8021B	159

GC Semi VOA

Prep Batch: 165

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-145-1	FS14	Total/NA	Solid	8015NM Prep	
890-145-2	FS15	Total/NA	Solid	8015NM Prep	
890-145-3	FS16	Total/NA	Solid	8015NM Prep	
890-145-4	FS17	Total/NA	Solid	8015NM Prep	
890-145-5	FS18	Total/NA	Solid	8015NM Prep	
890-145-6	FS19	Total/NA	Solid	8015NM Prep	
890-145-7	FS20	Total/NA	Solid	8015NM Prep	
890-145-8	FS21	Total/NA	Solid	8015NM Prep	
890-145-9	FS22	Total/NA	Solid	8015NM Prep	
890-145-10	FS23	Total/NA	Solid	8015NM Prep	
890-145-11	FS24	Total/NA	Solid	8015NM Prep	
890-145-12	FS25	Total/NA	Solid	8015NM Prep	
890-145-13	FS26	Total/NA	Solid	8015NM Prep	
890-145-14	FS27	Total/NA	Solid	8015NM Prep	
890-145-15	FS28	Total/NA	Solid	8015NM Prep	
890-145-16	FS29	Total/NA	Solid	8015NM Prep	
890-145-17	FS30	Total/NA	Solid	8015NM Prep	
890-145-18	FS31	Total/NA	Solid	8015NM Prep	
890-145-19	FS32	Total/NA	Solid	8015NM Prep	
890-145-20	FS33	Total/NA	Solid	8015NM Prep	
MB 890-165/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 890-165/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 890-165/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-145-1 MS	FS14	Total/NA	Solid	8015NM Prep	
890-145-1 MSD	FS14	Total/NA	Solid	8015NM Prep	

Eurofins Xenco, Carlsbad

QC Association Summary

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

GC Semi VOA

Prep Batch: 166

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-145-21	FS34	Total/NA	Solid	8015NM Prep	
890-145-22	FS35	Total/NA	Solid	8015NM Prep	
890-145-23	FS36	Total/NA	Solid	8015NM Prep	
890-145-24	FS37	Total/NA	Solid	8015NM Prep	
890-145-25	FS38	Total/NA	Solid	8015NM Prep	
890-145-26	FS39	Total/NA	Solid	8015NM Prep	
890-145-27	FS40	Total/NA	Solid	8015NM Prep	
890-145-28	FS41	Total/NA	Solid	8015NM Prep	
890-145-29	FS42	Total/NA	Solid	8015NM Prep	
890-145-30	FS43	Total/NA	Solid	8015NM Prep	
890-145-31	FS44	Total/NA	Solid	8015NM Prep	
890-145-32	FS45	Total/NA	Solid	8015NM Prep	
890-145-33	FS46	Total/NA	Solid	8015NM Prep	
890-145-34	FS47	Total/NA	Solid	8015NM Prep	
890-145-35	FS48	Total/NA	Solid	8015NM Prep	
890-145-36	FS49	Total/NA	Solid	8015NM Prep	
890-145-37	FS50	Total/NA	Solid	8015NM Prep	
890-145-38	FS51	Total/NA	Solid	8015NM Prep	
890-145-39	FS52	Total/NA	Solid	8015NM Prep	
890-145-40	FS53	Total/NA	Solid	8015NM Prep	
MB 890-166/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 890-166/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 890-166/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-145-21 MS	FS34	Total/NA	Solid	8015NM Prep	
890-145-21 MSD	FS34	Total/NA	Solid	8015NM Prep	

Prep Batch: 223

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-145-41	FS54	Total/NA	Solid	8015NM Prep	
MB 890-223/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 890-223/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 890-223/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-157-A-41-H MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-157-A-41-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-145-41	FS54	Total/NA	Solid	8015B NM	223
MB 890-223/1-A	Method Blank	Total/NA	Solid	8015B NM	223
LCS 890-223/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	223
LCSD 890-223/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	223
890-157-A-41-H MS	Matrix Spike	Total/NA	Solid	8015B NM	223
890-157-A-41-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	223

Analysis Batch: 232

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-145-1	FS14	Total/NA	Solid	8015B NM	165
890-145-2	FS15	Total/NA	Solid	8015B NM	165
890-145-3	FS16	Total/NA	Solid	8015B NM	165
890-145-4	FS17	Total/NA	Solid	8015B NM	165
890-145-5	FS18	Total/NA	Solid	8015B NM	165

Eurofins Xenco, Carlsbad

QC Association Summary

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

GC Semi VOA (Continued)

Analysis Batch: 232 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-145-6	FS19	Total/NA	Solid	8015B NM	165
890-145-7	FS20	Total/NA	Solid	8015B NM	165
890-145-8	FS21	Total/NA	Solid	8015B NM	165
890-145-9	FS22	Total/NA	Solid	8015B NM	165
890-145-10	FS23	Total/NA	Solid	8015B NM	165
890-145-11	FS24	Total/NA	Solid	8015B NM	165
890-145-12	FS25	Total/NA	Solid	8015B NM	165
890-145-13	FS26	Total/NA	Solid	8015B NM	165
890-145-14	FS27	Total/NA	Solid	8015B NM	165
890-145-15	FS28	Total/NA	Solid	8015B NM	165
890-145-16	FS29	Total/NA	Solid	8015B NM	165
890-145-17	FS30	Total/NA	Solid	8015B NM	165
890-145-18	FS31	Total/NA	Solid	8015B NM	165
890-145-19	FS32	Total/NA	Solid	8015B NM	165
890-145-20	FS33	Total/NA	Solid	8015B NM	165
MB 890-165/1-A	Method Blank	Total/NA	Solid	8015B NM	165
LCS 890-165/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	165
LCSD 890-165/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	165
890-145-1 MS	FS14	Total/NA	Solid	8015B NM	165
890-145-1 MSD	FS14	Total/NA	Solid	8015B NM	165

Analysis Batch: 233

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-145-21	FS34	Total/NA	Solid	8015B NM	166
890-145-22	FS35	Total/NA	Solid	8015B NM	166
890-145-23	FS36	Total/NA	Solid	8015B NM	166
890-145-24	FS37	Total/NA	Solid	8015B NM	166
890-145-25	FS38	Total/NA	Solid	8015B NM	166
890-145-26	FS39	Total/NA	Solid	8015B NM	166
890-145-27	FS40	Total/NA	Solid	8015B NM	166
890-145-28	FS41	Total/NA	Solid	8015B NM	166
890-145-29	FS42	Total/NA	Solid	8015B NM	166
890-145-30	FS43	Total/NA	Solid	8015B NM	166
890-145-31	FS44	Total/NA	Solid	8015B NM	166
890-145-32	FS45	Total/NA	Solid	8015B NM	166
890-145-33	FS46	Total/NA	Solid	8015B NM	166
890-145-34	FS47	Total/NA	Solid	8015B NM	166
890-145-35	FS48	Total/NA	Solid	8015B NM	166
890-145-36	FS49	Total/NA	Solid	8015B NM	166
890-145-37	FS50	Total/NA	Solid	8015B NM	166
890-145-38	FS51	Total/NA	Solid	8015B NM	166
890-145-39	FS52	Total/NA	Solid	8015B NM	166
890-145-40	FS53	Total/NA	Solid	8015B NM	166
MB 890-166/1-A	Method Blank	Total/NA	Solid	8015B NM	166
LCS 890-166/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	166
LCSD 890-166/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	166
890-145-21 MS	FS34	Total/NA	Solid	8015B NM	166
890-145-21 MSD	FS34	Total/NA	Solid	8015B NM	166

Eurofins Xenco, Carlsbad

QC Association Summary

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

HPLC/IC

Leach Batch: 160

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-145-1	FS14	Soluble	Solid	DI Leach	
890-145-2	FS15	Soluble	Solid	DI Leach	
890-145-3	FS16	Soluble	Solid	DI Leach	
890-145-4	FS17	Soluble	Solid	DI Leach	
890-145-5	FS18	Soluble	Solid	DI Leach	
890-145-6	FS19	Soluble	Solid	DI Leach	
890-145-7	FS20	Soluble	Solid	DI Leach	
890-145-8	FS21	Soluble	Solid	DI Leach	
890-145-9	FS22	Soluble	Solid	DI Leach	
890-145-10	FS23	Soluble	Solid	DI Leach	
890-145-11	FS24	Soluble	Solid	DI Leach	
890-145-12	FS25	Soluble	Solid	DI Leach	
890-145-13	FS26	Soluble	Solid	DI Leach	
890-145-14	FS27	Soluble	Solid	DI Leach	
890-145-15	FS28	Soluble	Solid	DI Leach	
890-145-16	FS29	Soluble	Solid	DI Leach	
890-145-17	FS30	Soluble	Solid	DI Leach	
890-145-18	FS31	Soluble	Solid	DI Leach	
890-145-19	FS32	Soluble	Solid	DI Leach	
890-145-20	FS33	Soluble	Solid	DI Leach	
MB 890-160/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 890-160/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 890-160/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-145-1 MS	FS14	Soluble	Solid	DI Leach	
890-145-1 MSD	FS14	Soluble	Solid	DI Leach	
890-145-11 MS	FS24	Soluble	Solid	DI Leach	
890-145-11 MSD	FS24	Soluble	Solid	DI Leach	

Leach Batch: 161

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-145-21	FS34	Soluble	Solid	DI Leach	
890-145-22	FS35	Soluble	Solid	DI Leach	
890-145-23	FS36	Soluble	Solid	DI Leach	
890-145-24	FS37	Soluble	Solid	DI Leach	
890-145-25	FS38	Soluble	Solid	DI Leach	
890-145-26	FS39	Soluble	Solid	DI Leach	
890-145-27	FS40	Soluble	Solid	DI Leach	
890-145-28	FS41	Soluble	Solid	DI Leach	
890-145-29	FS42	Soluble	Solid	DI Leach	
890-145-30	FS43	Soluble	Solid	DI Leach	
890-145-31	FS44	Soluble	Solid	DI Leach	
890-145-32	FS45	Soluble	Solid	DI Leach	
890-145-33	FS46	Soluble	Solid	DI Leach	
890-145-34	FS47	Soluble	Solid	DI Leach	
890-145-35	FS48	Soluble	Solid	DI Leach	
890-145-36	FS49	Soluble	Solid	DI Leach	
890-145-37	FS50	Soluble	Solid	DI Leach	
890-145-38	FS51	Soluble	Solid	DI Leach	
890-145-39	FS52	Soluble	Solid	DI Leach	
890-145-40	FS53	Soluble	Solid	DI Leach	
MB 890-161/1-A	Method Blank	Soluble	Solid	DI Leach	

Eurofins Xenco, Carlsbad

QC Association Summary

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

HPLC/IC (Continued)

Leach Batch: 161 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 890-161/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 890-161/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-145-21 MS	FS34	Soluble	Solid	DI Leach	
890-145-21 MSD	FS34	Soluble	Solid	DI Leach	
890-145-31 MS	FS44	Soluble	Solid	DI Leach	
890-145-A-31-E MSD	890-145-A-31-E MSD	Soluble	Solid	DI Leach	

Leach Batch: 162

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-145-41	FS54	Soluble	Solid	DI Leach	
MB 890-162/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 890-162/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 890-162/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-145-41 MS	FS54	Soluble	Solid	DI Leach	
890-145-41 MSD	FS54	Soluble	Solid	DI Leach	

Analysis Batch: 163

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-145-1	FS14	Soluble	Solid	300.0	160
890-145-2	FS15	Soluble	Solid	300.0	160
890-145-3	FS16	Soluble	Solid	300.0	160
890-145-4	FS17	Soluble	Solid	300.0	160
890-145-5	FS18	Soluble	Solid	300.0	160
890-145-6	FS19	Soluble	Solid	300.0	160
890-145-7	FS20	Soluble	Solid	300.0	160
890-145-8	FS21	Soluble	Solid	300.0	160
890-145-9	FS22	Soluble	Solid	300.0	160
890-145-10	FS23	Soluble	Solid	300.0	160
890-145-11	FS24	Soluble	Solid	300.0	160
890-145-12	FS25	Soluble	Solid	300.0	160
890-145-13	FS26	Soluble	Solid	300.0	160
890-145-14	FS27	Soluble	Solid	300.0	160
890-145-15	FS28	Soluble	Solid	300.0	160
890-145-16	FS29	Soluble	Solid	300.0	160
890-145-17	FS30	Soluble	Solid	300.0	160
890-145-18	FS31	Soluble	Solid	300.0	160
890-145-19	FS32	Soluble	Solid	300.0	160
890-145-20	FS33	Soluble	Solid	300.0	160
890-145-21	FS34	Soluble	Solid	300.0	161
890-145-22	FS35	Soluble	Solid	300.0	161
890-145-23	FS36	Soluble	Solid	300.0	161
890-145-24	FS37	Soluble	Solid	300.0	161
890-145-25	FS38	Soluble	Solid	300.0	161
890-145-26	FS39	Soluble	Solid	300.0	161
890-145-27	FS40	Soluble	Solid	300.0	161
890-145-28	FS41	Soluble	Solid	300.0	161
890-145-29	FS42	Soluble	Solid	300.0	161
890-145-30	FS43	Soluble	Solid	300.0	161
890-145-31	FS44	Soluble	Solid	300.0	161
890-145-32	FS45	Soluble	Solid	300.0	161
890-145-33	FS46	Soluble	Solid	300.0	161

Eurofins Xenco, Carlsbad

QC Association Summary

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

HPLC/IC (Continued)

Analysis Batch: 163 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-145-34	FS47	Soluble	Solid	300.0	161
890-145-35	FS48	Soluble	Solid	300.0	161
890-145-36	FS49	Soluble	Solid	300.0	161
890-145-37	FS50	Soluble	Solid	300.0	161
890-145-38	FS51	Soluble	Solid	300.0	161
890-145-39	FS52	Soluble	Solid	300.0	161
890-145-40	FS53	Soluble	Solid	300.0	161
890-145-41	FS54	Soluble	Solid	300.0	162
MB 890-160/1-A	Method Blank	Soluble	Solid	300.0	160
MB 890-161/1-A	Method Blank	Soluble	Solid	300.0	161
MB 890-162/1-A	Method Blank	Soluble	Solid	300.0	162
LCS 890-160/2-A	Lab Control Sample	Soluble	Solid	300.0	160
LCS 890-161/2-A	Lab Control Sample	Soluble	Solid	300.0	161
LCS 890-162/2-A	Lab Control Sample	Soluble	Solid	300.0	162
LCSD 890-160/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	160
LCSD 890-161/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	161
LCSD 890-162/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	162
890-145-1 MS	FS14	Soluble	Solid	300.0	160
890-145-1 MSD	FS14	Soluble	Solid	300.0	160
890-145-11 MS	FS24	Soluble	Solid	300.0	160
890-145-11 MSD	FS24	Soluble	Solid	300.0	160
890-145-21 MS	FS34	Soluble	Solid	300.0	161
890-145-21 MSD	FS34	Soluble	Solid	300.0	161
890-145-31 MS	FS44	Soluble	Solid	300.0	161
890-145-41 MS	FS54	Soluble	Solid	300.0	162
890-145-41 MSD	FS54	Soluble	Solid	300.0	162
890-145-A-31-E MSD	890-145-A-31-E MSD	Soluble	Solid	300.0	161

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

Client Sample ID: FS14

Lab Sample ID: 890-145-1

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			157	02/05/21 07:50	MC	XC
Total/NA	Analysis	8021B		1	164	02/05/21 12:29	PXS	XC
Total/NA	Prep	8015NM Prep			165	02/05/21 13:22	CC	XC
Total/NA	Analysis	8015B NM		1	232	02/10/21 19:09	T1S	XC
Soluble	Leach	DI Leach			160	02/05/21 08:49	MC	XC
Soluble	Analysis	300.0		5	163	02/05/21 13:14	A1S	XC

Client Sample ID: FS15

Lab Sample ID: 890-145-2

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			157	02/05/21 07:50	MC	XC
Total/NA	Analysis	8021B		1	164	02/05/21 13:36	PXS	XC
Total/NA	Prep	8015NM Prep			165	02/05/21 13:22	CC	XC
Total/NA	Analysis	8015B NM		1	232	02/10/21 20:10	T1S	XC
Soluble	Leach	DI Leach			160	02/05/21 08:49	MC	XC
Soluble	Analysis	300.0		1	163	02/05/21 13:31	A1S	XC

Client Sample ID: FS16

Lab Sample ID: 890-145-3

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			157	02/05/21 07:50	MC	XC
Total/NA	Analysis	8021B		1	164	02/05/21 13:59	PXS	XC
Total/NA	Prep	8015NM Prep			165	02/05/21 13:22	CC	XC
Total/NA	Analysis	8015B NM		1	232	02/10/21 20:30	T1S	XC
Soluble	Leach	DI Leach			160	02/05/21 08:49	MC	XC
Soluble	Analysis	300.0		5	163	02/05/21 13:37	A1S	XC

Client Sample ID: FS17

Lab Sample ID: 890-145-4

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			157	02/05/21 07:50	MC	XC
Total/NA	Analysis	8021B		1	164	02/05/21 14:21	PXS	XC
Total/NA	Prep	8015NM Prep			165	02/05/21 13:22	CC	XC
Total/NA	Analysis	8015B NM		1	232	02/10/21 20:51	T1S	XC
Soluble	Leach	DI Leach			160	02/05/21 08:49	MC	XC
Soluble	Analysis	300.0		1	163	02/05/21 13:42	A1S	XC

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

Client Sample ID: FS18

Lab Sample ID: 890-145-5

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			157	02/05/21 07:50	MC	XC
Total/NA	Analysis	8021B		1	164	02/05/21 14:44	PXS	XC
Total/NA	Prep	8015NM Prep			165	02/05/21 13:22	CC	XC
Total/NA	Analysis	8015B NM		1	232	02/10/21 21:11	T1S	XC
Soluble	Leach	DI Leach			160	02/05/21 08:49	MC	XC
Soluble	Analysis	300.0		5	163	02/05/21 13:48	A1S	XC

Client Sample ID: FS19

Lab Sample ID: 890-145-6

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			157	02/05/21 07:50	MC	XC
Total/NA	Analysis	8021B		1	164	02/05/21 15:36	PXS	XC
Total/NA	Prep	8015NM Prep			165	02/05/21 13:22	CC	XC
Total/NA	Analysis	8015B NM		1	232	02/10/21 21:51	T1S	XC
Soluble	Leach	DI Leach			160	02/05/21 08:49	MC	XC
Soluble	Analysis	300.0		5	163	02/05/21 14:05	A1S	XC

Client Sample ID: FS20

Lab Sample ID: 890-145-7

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			157	02/05/21 07:50	MC	XC
Total/NA	Analysis	8021B		1	164	02/05/21 15:59	PXS	XC
Total/NA	Prep	8015NM Prep			165	02/05/21 13:22	CC	XC
Total/NA	Analysis	8015B NM		1	232	02/10/21 22:12	T1S	XC
Soluble	Leach	DI Leach			160	02/05/21 08:49	MC	XC
Soluble	Analysis	300.0		5	163	02/05/21 14:11	A1S	XC

Client Sample ID: FS21

Lab Sample ID: 890-145-8

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			157	02/05/21 07:50	MC	XC
Total/NA	Analysis	8021B		1	164	02/05/21 16:21	PXS	XC
Total/NA	Prep	8015NM Prep			165	02/05/21 13:22	CC	XC
Total/NA	Analysis	8015B NM		1	232	02/10/21 22:32	T1S	XC
Soluble	Leach	DI Leach			160	02/05/21 08:49	MC	XC
Soluble	Analysis	300.0		5	163	02/05/21 14:16	A1S	XC

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

Client Sample ID: FS22

Lab Sample ID: 890-145-9

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			157	02/05/21 07:50	MC	XC
Total/NA	Analysis	8021B		1	164	02/05/21 16:44	PXS	XC
Total/NA	Prep	8015NM Prep			165	02/05/21 13:22	CC	XC
Total/NA	Analysis	8015B NM		1	232	02/10/21 22:52	T1S	XC
Soluble	Leach	DI Leach			160	02/05/21 08:49	MC	XC
Soluble	Analysis	300.0		5	163	02/05/21 14:22	A1S	XC

Client Sample ID: FS23

Lab Sample ID: 890-145-10

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			157	02/05/21 07:50	MC	XC
Total/NA	Analysis	8021B		1	164	02/05/21 17:06	PXS	XC
Total/NA	Prep	8015NM Prep			165	02/05/21 13:22	CC	XC
Total/NA	Analysis	8015B NM		1	232	02/10/21 23:12	T1S	XC
Soluble	Leach	DI Leach			160	02/05/21 08:49	MC	XC
Soluble	Analysis	300.0		5	163	02/05/21 14:28	A1S	XC

Client Sample ID: FS24

Lab Sample ID: 890-145-11

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			157	02/05/21 07:50	MC	XC
Total/NA	Analysis	8021B		1	164	02/05/21 17:28	PXS	XC
Total/NA	Prep	8015NM Prep			165	02/05/21 13:22	CC	XC
Total/NA	Analysis	8015B NM		1	232	02/10/21 23:32	T1S	XC
Soluble	Leach	DI Leach			160	02/05/21 08:49	MC	XC
Soluble	Analysis	300.0		5	163	02/05/21 14:33	A1S	XC

Client Sample ID: FS25

Lab Sample ID: 890-145-12

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			157	02/05/21 07:50	MC	XC
Total/NA	Analysis	8021B		1	164	02/05/21 17:51	PXS	XC
Total/NA	Prep	8015NM Prep			165	02/05/21 13:22	CC	XC
Total/NA	Analysis	8015B NM		1	232	02/10/21 23:53	T1S	XC
Soluble	Leach	DI Leach			160	02/05/21 08:49	MC	XC
Soluble	Analysis	300.0		5	163	02/05/21 14:50	A1S	XC

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

Client Sample ID: FS26

Lab Sample ID: 890-145-13

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			157	02/05/21 07:50	MC	XC
Total/NA	Analysis	8021B		1	164	02/05/21 18:13	PXS	XC
Total/NA	Prep	8015NM Prep			165	02/05/21 13:22	CC	XC
Total/NA	Analysis	8015B NM		1	232	02/11/21 00:13	T1S	XC
Soluble	Leach	DI Leach			160	02/05/21 08:49	MC	XC
Soluble	Analysis	300.0		5	163	02/05/21 14:56	A1S	XC

Client Sample ID: FS27

Lab Sample ID: 890-145-14

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			157	02/05/21 07:50	MC	XC
Total/NA	Analysis	8021B		1	164	02/05/21 18:36	PXS	XC
Total/NA	Prep	8015NM Prep			165	02/05/21 13:22	CC	XC
Total/NA	Analysis	8015B NM		1	232	02/11/21 00:33	T1S	XC
Soluble	Leach	DI Leach			160	02/05/21 08:49	MC	XC
Soluble	Analysis	300.0		5	163	02/05/21 15:13	A1S	XC

Client Sample ID: FS28

Lab Sample ID: 890-145-15

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			157	02/05/21 07:50	MC	XC
Total/NA	Analysis	8021B		1	164	02/05/21 18:58	PXS	XC
Total/NA	Prep	8015NM Prep			165	02/05/21 13:22	CC	XC
Total/NA	Analysis	8015B NM		1	232	02/11/21 00:53	T1S	XC
Soluble	Leach	DI Leach			160	02/05/21 08:49	MC	XC
Soluble	Analysis	300.0		5	163	02/05/21 15:19	A1S	XC

Client Sample ID: FS29

Lab Sample ID: 890-145-16

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			157	02/05/21 07:50	MC	XC
Total/NA	Analysis	8021B		1	164	02/05/21 19:43	PXS	XC
Total/NA	Prep	8015NM Prep			165	02/05/21 13:22	CC	XC
Total/NA	Analysis	8015B NM		1	232	02/11/21 01:34	T1S	XC
Soluble	Leach	DI Leach			160	02/05/21 08:49	MC	XC
Soluble	Analysis	300.0		5	163	02/05/21 15:25	A1S	XC

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

Client Sample ID: FS30

Lab Sample ID: 890-145-17

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			157	02/05/21 07:50	MC	XC
Total/NA	Analysis	8021B		1	164	02/05/21 20:06	PXS	XC
Total/NA	Prep	8015NM Prep			165	02/05/21 13:22	CC	XC
Total/NA	Analysis	8015B NM		1	232	02/11/21 01:54	T1S	XC
Soluble	Leach	DI Leach			160	02/05/21 08:49	MC	XC
Soluble	Analysis	300.0		5	163	02/05/21 15:30	A1S	XC

Client Sample ID: FS31

Lab Sample ID: 890-145-18

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			157	02/05/21 07:50	MC	XC
Total/NA	Analysis	8021B		1	164	02/05/21 20:28	PXS	XC
Total/NA	Prep	8015NM Prep			165	02/05/21 13:22	CC	XC
Total/NA	Analysis	8015B NM		1	232	02/11/21 02:14	T1S	XC
Soluble	Leach	DI Leach			160	02/05/21 08:49	MC	XC
Soluble	Analysis	300.0		5	163	02/05/21 15:36	A1S	XC

Client Sample ID: FS32

Lab Sample ID: 890-145-19

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			157	02/05/21 07:50	MC	XC
Total/NA	Analysis	8021B		1	164	02/05/21 20:50	PXS	XC
Total/NA	Prep	8015NM Prep			165	02/05/21 13:22	CC	XC
Total/NA	Analysis	8015B NM		1	232	02/11/21 02:34	T1S	XC
Soluble	Leach	DI Leach			160	02/05/21 08:49	MC	XC
Soluble	Analysis	300.0		5	163	02/05/21 15:42	A1S	XC

Client Sample ID: FS33

Lab Sample ID: 890-145-20

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			157	02/05/21 07:50	MC	XC
Total/NA	Analysis	8021B		1	164	02/05/21 21:13	PXS	XC
Total/NA	Prep	8015NM Prep			165	02/05/21 13:22	CC	XC
Total/NA	Analysis	8015B NM		1	232	02/11/21 02:55	T1S	XC
Soluble	Leach	DI Leach			160	02/05/21 08:49	MC	XC
Soluble	Analysis	300.0		5	163	02/05/21 15:47	A1S	XC

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

Client Sample ID: FS34

Date Collected: 02/03/21 00:00

Date Received: 02/04/21 15:25

Lab Sample ID: 890-145-21

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			158	02/05/21 08:10	MC	XC
Total/NA	Analysis	8021B		1	164	02/05/21 23:05	PXS	XC
Total/NA	Prep	8015NM Prep			166	02/05/21 13:37	CC	XC
Total/NA	Analysis	8015B NM		1	233	02/10/21 19:09	T1S	XC
Soluble	Leach	DI Leach			161	02/05/21 09:00	MC	XC
Soluble	Analysis	300.0		5	163	02/05/21 16:21	A1S	XC

Client Sample ID: FS35

Date Collected: 02/03/21 00:00

Date Received: 02/04/21 15:25

Lab Sample ID: 890-145-22

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			158	02/05/21 08:10	MC	XC
Total/NA	Analysis	8021B		1	164	02/06/21 00:12	PXS	XC
Total/NA	Prep	8015NM Prep			166	02/05/21 13:37	CC	XC
Total/NA	Analysis	8015B NM		1	233	02/10/21 20:10	T1S	XC
Soluble	Leach	DI Leach			161	02/05/21 09:00	MC	XC
Soluble	Analysis	300.0		5	163	02/05/21 16:38	A1S	XC

Client Sample ID: FS36

Date Collected: 02/03/21 00:00

Date Received: 02/04/21 15:25

Lab Sample ID: 890-145-23

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			158	02/05/21 08:10	MC	XC
Total/NA	Analysis	8021B		1	164	02/06/21 00:35	PXS	XC
Total/NA	Prep	8015NM Prep			166	02/05/21 13:37	CC	XC
Total/NA	Analysis	8015B NM		1	233	02/10/21 20:30	T1S	XC
Soluble	Leach	DI Leach			161	02/05/21 09:00	MC	XC
Soluble	Analysis	300.0		5	163	02/05/21 16:44	A1S	XC

Client Sample ID: FS37

Date Collected: 02/03/21 00:00

Date Received: 02/04/21 15:25

Lab Sample ID: 890-145-24

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			158	02/05/21 08:10	MC	XC
Total/NA	Analysis	8021B		1	164	02/06/21 00:57	PXS	XC
Total/NA	Prep	8015NM Prep			166	02/05/21 13:37	CC	XC
Total/NA	Analysis	8015B NM		1	233	02/10/21 20:51	T1S	XC
Soluble	Leach	DI Leach			161	02/05/21 09:00	MC	XC
Soluble	Analysis	300.0		5	163	02/05/21 16:50	A1S	XC

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

Client Sample ID: FS38

Lab Sample ID: 890-145-25

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			158	02/05/21 08:10	MC	XC
Total/NA	Analysis	8021B		1	164	02/06/21 01:19	PXS	XC
Total/NA	Prep	8015NM Prep			166	02/05/21 13:37	CC	XC
Total/NA	Analysis	8015B NM		1	233	02/10/21 21:11	T1S	XC
Soluble	Leach	DI Leach			161	02/05/21 09:00	MC	XC
Soluble	Analysis	300.0		5	163	02/05/21 16:56	A1S	XC

Client Sample ID: FS39

Lab Sample ID: 890-145-26

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			158	02/05/21 08:10	MC	XC
Total/NA	Analysis	8021B		1	164	02/06/21 02:04	PXS	XC
Total/NA	Prep	8015NM Prep			166	02/05/21 13:37	CC	XC
Total/NA	Analysis	8015B NM		1	233	02/10/21 21:51	T1S	XC
Soluble	Leach	DI Leach			161	02/05/21 09:00	MC	XC
Soluble	Analysis	300.0		5	163	02/05/21 17:13	A1S	XC

Client Sample ID: FS40

Lab Sample ID: 890-145-27

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			158	02/05/21 08:10	MC	XC
Total/NA	Analysis	8021B		1	164	02/06/21 02:27	PXS	XC
Total/NA	Prep	8015NM Prep			166	02/05/21 13:37	CC	XC
Total/NA	Analysis	8015B NM		1	233	02/10/21 22:12	T1S	XC
Soluble	Leach	DI Leach			161	02/05/21 09:00	MC	XC
Soluble	Analysis	300.0		5	163	02/05/21 17:18	A1S	XC

Client Sample ID: FS41

Lab Sample ID: 890-145-28

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			158	02/05/21 08:10	MC	XC
Total/NA	Analysis	8021B		1	164	02/06/21 02:49	PXS	XC
Total/NA	Prep	8015NM Prep			166	02/05/21 13:37	CC	XC
Total/NA	Analysis	8015B NM		1	233	02/10/21 22:32	T1S	XC
Soluble	Leach	DI Leach			161	02/05/21 09:00	MC	XC
Soluble	Analysis	300.0		5	163	02/05/21 17:24	A1S	XC

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

Client Sample ID: FS42

Lab Sample ID: 890-145-29

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			158	02/05/21 08:10	MC	XC
Total/NA	Analysis	8021B		1	164	02/06/21 03:12	PXS	XC
Total/NA	Prep	8015NM Prep			166	02/05/21 13:37	CC	XC
Total/NA	Analysis	8015B NM		1	233	02/10/21 22:52	T1S	XC
Soluble	Leach	DI Leach			161	02/05/21 09:00	MC	XC
Soluble	Analysis	300.0		5	163	02/05/21 17:30	A1S	XC

Client Sample ID: FS43

Lab Sample ID: 890-145-30

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			158	02/05/21 08:10	MC	XC
Total/NA	Analysis	8021B		1	164	02/06/21 03:34	PXS	XC
Total/NA	Prep	8015NM Prep			166	02/05/21 13:37	CC	XC
Total/NA	Analysis	8015B NM		1	233	02/10/21 23:12	T1S	XC
Soluble	Leach	DI Leach			161	02/05/21 09:00	MC	XC
Soluble	Analysis	300.0		5	163	02/05/21 17:35	A1S	XC

Client Sample ID: FS44

Lab Sample ID: 890-145-31

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			158	02/05/21 08:10	MC	XC
Total/NA	Analysis	8021B		1	164	02/06/21 03:56	PXS	XC
Total/NA	Prep	8015NM Prep			166	02/05/21 13:37	CC	XC
Total/NA	Analysis	8015B NM		1	233	02/10/21 23:32	T1S	XC
Soluble	Leach	DI Leach			161	02/05/21 09:00	MC	XC
Soluble	Analysis	300.0		5	163	02/05/21 17:41	A1S	XC

Client Sample ID: FS45

Lab Sample ID: 890-145-32

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			158	02/05/21 08:10	MC	XC
Total/NA	Analysis	8021B		1	164	02/06/21 04:19	PXS	XC
Total/NA	Prep	8015NM Prep			166	02/05/21 13:37	CC	XC
Total/NA	Analysis	8015B NM		1	233	02/10/21 23:53	T1S	XC
Soluble	Leach	DI Leach			161	02/05/21 09:00	MC	XC
Soluble	Analysis	300.0		5	163	02/05/21 17:58	A1S	XC

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

Client Sample ID: FS46

Lab Sample ID: 890-145-33

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			158	02/05/21 08:10	MC	XC
Total/NA	Analysis	8021B		1	164	02/06/21 04:41	PXS	XC
Total/NA	Prep	8015NM Prep			166	02/05/21 13:37	CC	XC
Total/NA	Analysis	8015B NM		1	233	02/11/21 00:13	T1S	XC
Soluble	Leach	DI Leach			161	02/05/21 09:00	MC	XC
Soluble	Analysis	300.0		5	163	02/05/21 18:04	A1S	XC

Client Sample ID: FS47

Lab Sample ID: 890-145-34

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			158	02/05/21 08:10	MC	XC
Total/NA	Analysis	8021B		1	164	02/06/21 05:04	PXS	XC
Total/NA	Prep	8015NM Prep			166	02/05/21 13:37	CC	XC
Total/NA	Analysis	8015B NM		1	233	02/11/21 00:33	T1S	XC
Soluble	Leach	DI Leach			161	02/05/21 09:00	MC	XC
Soluble	Analysis	300.0		5	163	02/05/21 18:21	A1S	XC

Client Sample ID: FS48

Lab Sample ID: 890-145-35

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			158	02/05/21 08:10	MC	XC
Total/NA	Analysis	8021B		1	164	02/06/21 05:26	PXS	XC
Total/NA	Prep	8015NM Prep			166	02/05/21 13:37	CC	XC
Total/NA	Analysis	8015B NM		1	233	02/11/21 00:53	T1S	XC
Soluble	Leach	DI Leach			161	02/05/21 09:00	MC	XC
Soluble	Analysis	300.0		5	163	02/05/21 18:26	A1S	XC

Client Sample ID: FS49

Lab Sample ID: 890-145-36

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			158	02/05/21 08:10	MC	XC
Total/NA	Analysis	8021B		1	164	02/06/21 06:11	PXS	XC
Total/NA	Prep	8015NM Prep			166	02/05/21 13:37	CC	XC
Total/NA	Analysis	8015B NM		1	233	02/11/21 01:34	T1S	XC
Soluble	Leach	DI Leach			161	02/05/21 09:00	MC	XC
Soluble	Analysis	300.0		5	163	02/05/21 18:32	A1S	XC

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

Client Sample ID: FS50

Lab Sample ID: 890-145-37

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			158	02/05/21 08:10	MC	XC
Total/NA	Analysis	8021B		1	164	02/06/21 06:33	PXS	XC
Total/NA	Prep	8015NM Prep			166	02/05/21 13:37	CC	XC
Total/NA	Analysis	8015B NM		1	233	02/11/21 01:54	T1S	XC
Soluble	Leach	DI Leach			161	02/05/21 09:00	MC	XC
Soluble	Analysis	300.0		5	163	02/05/21 18:38	A1S	XC

Client Sample ID: FS51

Lab Sample ID: 890-145-38

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			158	02/05/21 08:10	MC	XC
Total/NA	Analysis	8021B		1	164	02/06/21 06:56	PXS	XC
Total/NA	Prep	8015NM Prep			166	02/05/21 13:37	CC	XC
Total/NA	Analysis	8015B NM		1	233	02/11/21 02:14	T1S	XC
Soluble	Leach	DI Leach			161	02/05/21 09:00	MC	XC
Soluble	Analysis	300.0		5	163	02/05/21 18:44	A1S	XC

Client Sample ID: FS52

Lab Sample ID: 890-145-39

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			158	02/05/21 08:10	MC	XC
Total/NA	Analysis	8021B		1	164	02/06/21 07:18	PXS	XC
Total/NA	Prep	8015NM Prep			166	02/05/21 13:37	CC	XC
Total/NA	Analysis	8015B NM		1	233	02/11/21 02:34	T1S	XC
Soluble	Leach	DI Leach			161	02/05/21 09:00	MC	XC
Soluble	Analysis	300.0		5	163	02/05/21 18:49	A1S	XC

Client Sample ID: FS53

Lab Sample ID: 890-145-40

Date Collected: 02/03/21 00:00

Matrix: Solid

Date Received: 02/04/21 15:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			158	02/05/21 08:10	MC	XC
Total/NA	Analysis	8021B		1	164	02/06/21 07:41	PXS	XC
Total/NA	Prep	8015NM Prep			166	02/05/21 13:37	CC	XC
Total/NA	Analysis	8015B NM		1	233	02/11/21 02:55	T1S	XC
Soluble	Leach	DI Leach			161	02/05/21 09:00	MC	XC
Soluble	Analysis	300.0		5	163	02/05/21 18:55	A1S	XC

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

Client Sample ID: FS54**Lab Sample ID: 890-145-41****Date Collected: 02/03/21 00:00****Matrix: Solid****Date Received: 02/04/21 15:25**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			159	02/05/21 08:18	MC	XC
Total/NA	Analysis	8021B		1	164	02/06/21 09:33	PXS	XC
Total/NA	Prep	8015NM Prep			223	02/09/21 18:09	MC	XC
Total/NA	Analysis	8015B NM		1	224	02/10/21 13:17	UJ3K	XC
Soluble	Leach	DI Leach			162	02/05/21 09:06	MC	XC
Soluble	Analysis	300.0		5	163	02/05/21 19:29	A1S	XC

Laboratory References:

XC = Eurofins Xenco, Carlsbad, 1089 N Canal St., Carlsbad, NM 88220, TEL (575)988-3199

Accreditation/Certification Summary

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

Laboratory: Eurofins Xenco, Carlsbad

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

Authority	Program	Identification Number	Expiration Date
Louisiana	NELAP	05092	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	5030C	Solid	Total BTEX

Method Summary

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XC
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XC
300.0	Anions, Ion Chromatography	MCAWW	XC
5030C	Purge and Trap	SW846	XC
8015NM Prep	Microextraction	SW846	XC
DI Leach	Deionized Water Leaching Procedure	ASTM	XC

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:

XC = Eurofins Xenco, Carlsbad, 1089 N Canal St., Carlsbad, NM 88220, TEL (575)988-3199

Eurofins Xenco, Carlsbad

Sample Summary

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-145-1
SDG: TE12920151

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
890-145-1	FS14	Solid	02/03/21 00:00	02/04/21 15:25	
890-145-2	FS15	Solid	02/03/21 00:00	02/04/21 15:25	
890-145-3	FS16	Solid	02/03/21 00:00	02/04/21 15:25	
890-145-4	FS17	Solid	02/03/21 00:00	02/04/21 15:25	
890-145-5	FS18	Solid	02/03/21 00:00	02/04/21 15:25	
890-145-6	FS19	Solid	02/03/21 00:00	02/04/21 15:25	
890-145-7	FS20	Solid	02/03/21 00:00	02/04/21 15:25	
890-145-8	FS21	Solid	02/03/21 00:00	02/04/21 15:25	
890-145-9	FS22	Solid	02/03/21 00:00	02/04/21 15:25	
890-145-10	FS23	Solid	02/03/21 00:00	02/04/21 15:25	
890-145-11	FS24	Solid	02/03/21 00:00	02/04/21 15:25	
890-145-12	FS25	Solid	02/03/21 00:00	02/04/21 15:25	
890-145-13	FS26	Solid	02/03/21 00:00	02/04/21 15:25	
890-145-14	FS27	Solid	02/03/21 00:00	02/04/21 15:25	
890-145-15	FS28	Solid	02/03/21 00:00	02/04/21 15:25	
890-145-16	FS29	Solid	02/03/21 00:00	02/04/21 15:25	
890-145-17	FS30	Solid	02/03/21 00:00	02/04/21 15:25	
890-145-18	FS31	Solid	02/03/21 00:00	02/04/21 15:25	
890-145-19	FS32	Solid	02/03/21 00:00	02/04/21 15:25	
890-145-20	FS33	Solid	02/03/21 00:00	02/04/21 15:25	
890-145-21	FS34	Solid	02/03/21 00:00	02/04/21 15:25	
890-145-22	FS35	Solid	02/03/21 00:00	02/04/21 15:25	
890-145-23	FS36	Solid	02/03/21 00:00	02/04/21 15:25	
890-145-24	FS37	Solid	02/03/21 00:00	02/04/21 15:25	
890-145-25	FS38	Solid	02/03/21 00:00	02/04/21 15:25	
890-145-26	FS39	Solid	02/03/21 00:00	02/04/21 15:25	
890-145-27	FS40	Solid	02/03/21 00:00	02/04/21 15:25	
890-145-28	FS41	Solid	02/03/21 00:00	02/04/21 15:25	
890-145-29	FS42	Solid	02/03/21 00:00	02/04/21 15:25	
890-145-30	FS43	Solid	02/03/21 00:00	02/04/21 15:25	
890-145-31	FS44	Solid	02/03/21 00:00	02/04/21 15:25	
890-145-32	FS45	Solid	02/03/21 00:00	02/04/21 15:25	
890-145-33	FS46	Solid	02/03/21 00:00	02/04/21 15:25	
890-145-34	FS47	Solid	02/03/21 00:00	02/04/21 15:25	
890-145-35	FS48	Solid	02/03/21 00:00	02/04/21 15:25	
890-145-36	FS49	Solid	02/03/21 00:00	02/04/21 15:25	
890-145-37	FS50	Solid	02/03/21 00:00	02/04/21 15:25	
890-145-38	FS51	Solid	02/03/21 00:00	02/04/21 15:25	
890-145-39	FS52	Solid	02/03/21 00:00	02/04/21 15:25	
890-145-40	FS53	Solid	02/03/21 00:00	02/04/21 15:25	
890-145-41	FS54	Solid	02/03/21 00:00	02/04/21 15:25	

Eurofins Xenco, Carlsbad



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
Phoenix, AZ (480) 335-0900 Atlanta, GA (770) 449-8800 Tampa, FL (813) 575-3927
Hobbs, NM (575) 392-7550

Chain of Custody

Project Manager:	Kalei Jennings	Bill to: (if different)	Kyle Littrell
Company Name:	WSP USA Inc., Permian office	Company Name:	XTO Energy
Address:	3300 North A St. Bldg 1, Unit 222	Address:	3104 E Greene St.
City, State ZIP:	Midland, TX 79705	City, State ZIP:	Carlsbad, NM
Phone:	(432) 704-5178	Email:	travis.casey@wsp.com, kalei.jennings@wsp.com, dan.moir@wsp.com

Work Order Comments	
Program: UST/PST	☐ PRP ☐ Brownfields ☐ RC ☐ Superfund ☐
State of Project:	NM
Reporting Level II	☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐
Deliverables: EDO	☐ ADAPT ☐ Other:

Project Name:	Corral Canyon 10	Turn Around	ANALYSIS REQUEST							Work Order Notes
Project Number:	TE12920151	Routine X								
P.O. Number:		Rush:								
Sampler's Name:	Travis Casey	Due Date:								

SAMPLE RECEIPT		Temp Blank:		Well Ice:	
		Yes	No	Yes	No
Temperature (°C):	2.6/2.4	Thermometer ID			
Received Intact:	☒ Yes ☐ No	7-NM-007			
Cooler Custody Seals:	Yes ☐ No ☐ N/A	Correction Factor:		-0.2	
Sample Custody Seals:	Yes ☒ No ☐ N/A	Total Containers:		44	

Number of Containers

PA 8015)

EPA 8021)

e (EPA 300.0)

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

Sample Identification					Matrix	Date Sampled	Time Sampled	Depth	Number	TPH (EPA)	BTEX (EPA)	Chlorides	Sample Comments											
FS14					s	2/3/2021		1'	1	x	x	x	Discrete											
FS15					s	2/3/2021		1'	1	x	x	x	Discrete											
FS16					s	2/3/2021		1'	1	x	x	x	Discrete											
FS17					s	2/3/2021		1'	1	x	x	x	Discrete											
FS18					s	2/3/2021		1'	1	x	x	x	Discrete											
FS19					s	2/3/2021		1'	1	x	x	x	Discrete											
FS20					s	2/3/2021		1'	1	x	x	x	Discrete											
FS21					s	2/3/2021		1'	1	x	x	x	Discrete											
FS22					s	2/3/2021		1'	1	x	x	x	Discrete											
FS23					s	2/3/2021		1'	1	x	x	x	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 Ti 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 Ti 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 \$8 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 <i>[Signature]</i>	<i>[Signature]</i>	2.4.21 / 525	2				
3 <i>[Signature]</i>			4				
5			6				



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) 794-1236
Hobbs, NM (575-392-7550) Phoenix, AZ (480-355-0900) Atlanta, GA (770-449-8800) Tampa, FL (813-620-2000)

Chain of Custody

Work Order No: _____

www.xenco.com Page 2 of 5

2/11/2021

Project Manager:	Kalei Jennings	Bill to: (if different)	Kyle Little
Company Name:	WSP USA Inc., Permian office	Company Name:	XTO Energy
Address:	3300 North A St. Bldg 1, Unit 222	Address:	3104 E Greene St.
City, State ZIP:	Midland, TX 79705	City, State ZIP:	Carlsbad, NM
Phone:	(432) 704-5178	Email:	travis.casey@wsp.com, kalei.jennings@wsp.com, dan.moir@wsp.com

Program: UST/PT ☐ PRP ☐ Brownfields ☐ RC ☐ Superfund ☐ State of Project: NM Reporting Level: ☐ Level II ☐ Level III ☐ UST/UST ☐ RRP ☐ Level IV ☐ Deliverables: EDD ☐ ADAPT ☐ Other: _____		Work Order Comments _____ _____ _____
---	--	---

Project Name:	Corral Canyon 10	Turn Around		ANALYSIS REQUEST										Work Order Notes
Project Number:	TE12920151	Routine	X											
P.O. Number:		Rush:												
Sampler's Name:	Travis Casey	Due Date:												

SAMPLE RECEIPT				Number of Containers													Sample Comments
Temp Blank:	Yes	No	Wet Ice:	Yes	No	TPH (EPA 8015)	BTEX (EPA 8021)	Chloride (EPA 300.0)									
Temperature (°C):			Thermometer ID														
Received Inact:	Yes	No	Correction Factor														
Cooler Custody Seals:	Yes	No	Total Containers:														
Sample Custody Seal:	Yes	No															

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth											Sample Comments		
FS24	S	2/3/2021	1'		1	X	X	X									Discrete
FS25	S	2/3/2021	1'		1	X	X	X									Discrete
FS26	S	2/3/2021	1'		1	X	X	X									Discrete
FS27	S	2/3/2021	1'		1	X	X	X									Discrete
FS28	S	2/3/2021	1'		1	X	X	X									Discrete
FS29	S	2/3/2021	1'		1	X	X	X									Discrete
FS30	S	2/3/2021	1'		1	X	X	X									Discrete
FS31	S	2/3/2021	1'		1	X	X	X									Discrete
FS32	S	2/3/2021	1'		1	X	X	X									Discrete
FS33	S	2/3/2021	1'		1	X	X	X									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 Ti 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 Ti 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 <i>[Signature]</i>	2 <i>[Signature]</i>	2:42:15Z	3 <i>[Signature]</i>	4 <i>[Signature]</i>	4
5			6		6



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 3 of 5

Chain of Custody

Project Manager:	Kalei Jennings	Bill to: (if different)	Kyle Littlell
Company Name:	WSP USA Inc., Permian office	Company Name:	XTO Energy
Address:	3300 North A St. Bldg 1, Unit 222	Address:	3104 E Greene St.
City, State ZIP:	Midland, TX 79705	City, State ZIP:	Carlsbad, NM
Phone:	(432) 704-5178	Email:	travis.casey@wsp.com, kalei.jennings@wsp.com, dan.moir@wsp.com

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

Project Name:	Corral Canyon 10	Turn Around		ANALYSIS REQUEST										Work Order Notes		
Project Number:	TE12920151	Route	X													
P.O. Number:		Rush:														
Sampler's Name:	Travis Casey	Due Date:														
SAMPLE RECEIPT			Temp Blank:	Yes	No	Wetice:	Yes	No								
Temperature (°C):		Thermometer ID														
Received Inact:	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											
FS34	S	2/3/2021		1'	1	X	X	X	X							Discrete
FS35	S	2/3/2021		1'	1	X	X	X	X							Discrete
FS36	S	2/3/2021		1'	1	X	X	X	X							Discrete
FS37	S	2/3/2021		1'	1	X	X	X	X							Discrete
FS38	S	2/3/2021		1'	1	X	X	X	X							Discrete
FS39	S	2/3/2021		1'	1	X	X	X	X							Discrete
FS40	S	2/3/2021		1'	1	X	X	X	X							Discrete
FS41	S	2/3/2021		1'	1	X	X	X	X							Discrete
FS42	S	2/3/2021		1'	1	X	X	X	X							Discrete
FS43	S	2/3/2021		1'	1	X	X	X	X							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 Ti 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 Ti 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 \$6 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 <i>[Signature]</i>	2 <i>[Signature]</i>	2:42 PM	3 <i>[Signature]</i>	4 <i>[Signature]</i>	
5			6		



Houston, TX (281) 240-4200 Dallas, TX (214) 902-0300 San Antonio, TX (210) 509-3333
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) 291-1111

Work Order No: _____

Page 4 of 5

www.xenco.com

Chain of Custody

Project Manager:	Kalei Jennings	Bill to: (if different)	Kyle Littrell
Company Name:	WSP USA Inc., Permian office	Company Name:	XTO Energy
Address:	3300 North A St. Bldg 1, Unit 222	Address:	3104 E Greene St.
City, State ZIP:	Midland, TX 79705	City, State ZIP:	Carlsbad, NM
Phone:	(432) 704-5178	Email:	travis.casey@wsp.com, kalei.jennings@wsp.com, dan.moir@wsp.com

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

[illegible]

SAMPLE RECEIPT				Temp Blank:	Yes	No	Weight:	Yes	No
Temperature (°C):									
Received Intact:	Yes	No	Thermometer ID: <i>See Page</i>						
Cooler Custody Seals:	Yes	No	N/A	Correction Factor:					
Sample Custody Seals:	Yes	No	N/A	Total Containers:					

Number of Containers

EPA 8015)

EPA 8021)

e (EPA 300.0)

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

[illegible]

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	Ti	Sn	U	V	Zn				
<i>Circle Method(s) and Metal(s) to be analyzed</i>		ICLP / SPLP 6010:		8RCRA	Sb	As	Ba	Be	Cd	Cr	Co	Cu	Pb	Mn	Mo	Ni	Se	Ag	Ti	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
<i>[Signature]</i>	<i>[Signature]</i>	2-4-21 1525			



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)

Chain of Custody

Work Order No: _____

www.xenco.com Page 5 of 5

2/11/2021

Project Manager:	Kalei Jennings	Bill to: (if different)	Kyle Littrell
Company Name:	WSP USA Inc., Permian office	Company Name:	XTO Energy
Address:	3300 North A St. Bldg 1, Unit 222	Address:	3104 E Greene St.
City, State ZIP:	Midland, TX 79705	City, State ZIP:	Carlsbad, NM
Phone:	(432) 704-5178	Email:	travis.casey@wsp.com, kalei.jennings@wsp.com, dan.moir@wsp.com

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

Project Name:	Corral Canyon 10	Turn Around	
Project Number:	TE12920151	Routine	X
P.O. Number:		Rush:	
Sampler's Name:	Travis Casey	Due Date:	
SAMPLE RECEIPT			
Temperature (°C):		Temp Blank:	Yes No
Received Inact:	Yes No	Thermoprobe ID	
Cooler Custody Seals:	Yes No	Correction Factor:	
Sample Custody Seals:	Yes No	Total Containers:	
Sample Identification			
Matrix	Date Sampled	Time Sampled	Depth
SS54	s	2/3/2021	1'
Number of Containers			
TPH (EPA 8015)	X		
BTEX (EPA 8021)	X		
Chloride (EPA 300.0)	X		
ANALYSIS REQUEST			
Work Order Notes			
TAT starts the day received by the lab, if received by 4:30pm			
Sample Comments			
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 Ti 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 Ti 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)
		2-4-21 1525	

Login Sample Receipt Checklist

Client: WSP USA Inc.

Job Number: 890-145-1

SDG Number: TE12920151

Login Number: 145**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").	True	



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 890-210-1

Laboratory Sample Delivery Group: TE012920151

Client Project/Site: Corral Canyon 10

For:

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

Attn: Dan Moir

A handwritten signature in black ink that reads "Jessica Kramer".

Authorized for release by:
2/19/2021 3:17:44 PM

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

LINKS

Review your project
results through

TotalAccess

Have a Question?



Visit us at:

www.eurofinsus.com/Env

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: Corral Canyon 10

Laboratory Job ID: 890-210-1
SDG: TE012920151

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Client Sample Results	5
Surrogate Summary	18
QC Sample Results	20
QC Association Summary	26
Lab Chronicle	30
Certification Summary	35
Method Summary	36
Sample Summary	37
Chain of Custody	38
Receipt Checklists	40

1
2
3
4
5
6
7
8
9
10
11
12
13
14

Definitions/Glossary

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-210-1
SDG: TE012920151

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
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
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.
α	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: Corral Canyon 10

Job ID: 890-210-1
SDG: TE012920151

Job ID: 890-210-1

Laboratory: Eurofins Xenco, Carlsbad

Narrative

Job Narrative
890-210-1

Receipt

The samples were received on 2/17/2021 2:10 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 0.6°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: Corral Canyon 10

Job ID: 890-210-1
SDG: TE012920151

Client Sample ID: FS55

Lab Sample ID: 890-210-1

Date Collected: 02/17/21 10:08

Matrix: Solid

Date Received: 02/17/21 14:10

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		02/17/21 14:54	02/17/21 18:02	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		02/17/21 14:54	02/17/21 18:02	1
Toluene	<0.00198	U	0.00198	mg/Kg		02/17/21 14:54	02/17/21 18:02	1
m,p-Xylenes	<0.00397	U	0.00397	mg/Kg		02/17/21 14:54	02/17/21 18:02	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		02/17/21 14:54	02/17/21 18:02	1
Total BTEX	<0.00198	U	0.00198	mg/Kg		02/17/21 14:54	02/17/21 18:02	1
Xylenes, Total	<0.00198	U	0.00198	mg/Kg		02/17/21 14:54	02/17/21 18:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	100		70 - 130	02/17/21 14:54	02/17/21 18:02	1
4-Bromofluorobenzene (Surr)	105		70 - 130	02/17/21 14:54	02/17/21 18:02	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.2	U	50.2	mg/Kg		02/17/21 15:02	02/17/21 19:19	1
Total TPH	<50.2	U	50.2	mg/Kg		02/17/21 15:02	02/17/21 19:19	1
>C10-C28	<50.2	U	50.2	mg/Kg		02/17/21 15:02	02/17/21 19:19	1
>C28-C35	<50.2	U	50.2	mg/Kg		02/17/21 15:02	02/17/21 19:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 135	02/17/21 15:02	02/17/21 19:19	1
o-Terphenyl	108		70 - 135	02/17/21 15:02	02/17/21 19:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	28.2		9.96	mg/Kg			02/17/21 17:51	1

Client Sample ID: FS56

Lab Sample ID: 890-210-2

Date Collected: 02/17/21 10:09

Matrix: Solid

Date Received: 02/17/21 14:10

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/17/21 19:10	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/17/21 19:10	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/17/21 19:10	1
m,p-Xylenes	<0.00401	U	0.00401	mg/Kg		02/17/21 14:54	02/17/21 19:10	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/17/21 19:10	1
Total BTEX	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/17/21 19:10	1
Xylenes, Total	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/17/21 19:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	105		70 - 130	02/17/21 14:54	02/17/21 19:10	1
4-Bromofluorobenzene (Surr)	111		70 - 130	02/17/21 14:54	02/17/21 19:10	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.1	U	50.1	mg/Kg		02/17/21 15:02	02/17/21 20:18	1
Total TPH	<50.1	U	50.1	mg/Kg		02/17/21 15:02	02/17/21 20:18	1
>C10-C28	<50.1	U	50.1	mg/Kg		02/17/21 15:02	02/17/21 20:18	1
>C28-C35	<50.1	U	50.1	mg/Kg		02/17/21 15:02	02/17/21 20:18	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-210-1
SDG: TE012920151

Client Sample ID: FS56

Lab Sample ID: 890-210-2

Date Collected: 02/17/21 10:09

Matrix: Solid

Date Received: 02/17/21 14:10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	126		70 - 135	02/17/21 15:02	02/17/21 20:18	1
o-Terphenyl	126		70 - 135	02/17/21 15:02	02/17/21 20:18	1

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	82.2		49.6	mg/Kg			02/17/21 18:08	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Client Sample ID: FS57

Lab Sample ID: 890-210-3

Date Collected: 02/17/21 10:11

Matrix: Solid

Date Received: 02/17/21 14:10

Method: 8021B - Volatile Organic Compounds (GC)								
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/17/21 19:32	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/17/21 19:32	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/17/21 19:32	1
m,p-Xylenes	<0.00399	U	0.00399	mg/Kg		02/17/21 14:54	02/17/21 19:32	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/17/21 19:32	1
Total BTEX	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/17/21 19:32	1
Xylenes, Total	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/17/21 19:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	99		70 - 130	02/17/21 14:54	02/17/21 19:32	1
4-Bromofluorobenzene (Surr)	101		70 - 130	02/17/21 14:54	02/17/21 19:32	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.1	U	50.1	mg/Kg		02/17/21 15:02	02/17/21 20:37	1
Total TPH	<50.1	U	50.1	mg/Kg		02/17/21 15:02	02/17/21 20:37	1
>C10-C28	<50.1	U	50.1	mg/Kg		02/17/21 15:02	02/17/21 20:37	1
>C28-C35	<50.1	U	50.1	mg/Kg		02/17/21 15:02	02/17/21 20:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 135	02/17/21 15:02	02/17/21 20:37	1
o-Terphenyl	117		70 - 135	02/17/21 15:02	02/17/21 20:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	370		9.98	mg/Kg			02/17/21 18:14	1

Client Sample ID: FS58

Lab Sample ID: 890-210-4

Date Collected: 02/17/21 10:12

Matrix: Solid

Date Received: 02/17/21 14:10

Method: 8021B - Volatile Organic Compounds (GC)								
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/17/21 19:55	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/17/21 19:55	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/17/21 19:55	1
m,p-Xylenes	<0.00401	U	0.00401	mg/Kg		02/17/21 14:54	02/17/21 19:55	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/17/21 19:55	1
Total BTEX	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/17/21 19:55	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-210-1
SDG: TE012920151

Client Sample ID: FS58

Lab Sample ID: 890-210-4

Date Collected: 02/17/21 10:12

Matrix: Solid

Date Received: 02/17/21 14:10

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/17/21 19:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	104		70 - 130			02/17/21 14:54	02/17/21 19:55	1
4-Bromofluorobenzene (Surr)	105		70 - 130			02/17/21 14:54	02/17/21 19:55	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<49.8	U	49.8	mg/Kg		02/17/21 15:02	02/17/21 20:56	1
Total TPH	<49.8	U	49.8	mg/Kg		02/17/21 15:02	02/17/21 20:56	1
>C10-C28	<49.8	U	49.8	mg/Kg		02/17/21 15:02	02/17/21 20:56	1
>C28-C35	<49.8	U	49.8	mg/Kg		02/17/21 15:02	02/17/21 20:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 135			02/17/21 15:02	02/17/21 20:56	1
o-Terphenyl	117		70 - 135			02/17/21 15:02	02/17/21 20:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	408		9.96	mg/Kg			02/17/21 18:20	1

Client Sample ID: FS59

Lab Sample ID: 890-210-5

Date Collected: 02/17/21 10:13

Matrix: Solid

Date Received: 02/17/21 14:10

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/17/21 20:17	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/17/21 20:17	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/17/21 20:17	1
m,p-Xylenes	<0.00399	U	0.00399	mg/Kg		02/17/21 14:54	02/17/21 20:17	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/17/21 20:17	1
Total BTEX	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/17/21 20:17	1
Xylenes, Total	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/17/21 20:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	97		70 - 130			02/17/21 14:54	02/17/21 20:17	1
4-Bromofluorobenzene (Surr)	106		70 - 130			02/17/21 14:54	02/17/21 20:17	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<49.8	U	49.8	mg/Kg		02/17/21 15:02	02/17/21 21:16	1
Total TPH	<49.8	U	49.8	mg/Kg		02/17/21 15:02	02/17/21 21:16	1
>C10-C28	<49.8	U	49.8	mg/Kg		02/17/21 15:02	02/17/21 21:16	1
>C28-C35	<49.8	U	49.8	mg/Kg		02/17/21 15:02	02/17/21 21:16	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	129		70 - 135			02/17/21 15:02	02/17/21 21:16	1
o-Terphenyl	125		70 - 135			02/17/21 15:02	02/17/21 21:16	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-210-1
SDG: TE012920151

Client Sample ID: FS59

Lab Sample ID: 890-210-5

Date Collected: 02/17/21 10:13

Matrix: Solid

Date Received: 02/17/21 14:10

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	453		10.1	mg/Kg			02/17/21 18:25	1

Client Sample ID: FS60

Lab Sample ID: 890-210-6

Date Collected: 02/17/21 10:15

Matrix: Solid

Date Received: 02/17/21 14:10

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		02/17/21 14:54	02/17/21 21:02	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		02/17/21 14:54	02/17/21 21:02	1
Toluene	<0.00199	U	0.00199	mg/Kg		02/17/21 14:54	02/17/21 21:02	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		02/17/21 14:54	02/17/21 21:02	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		02/17/21 14:54	02/17/21 21:02	1
Total BTEX	<0.00199	U	0.00199	mg/Kg		02/17/21 14:54	02/17/21 21:02	1
Xylenes, Total	<0.00199	U	0.00199	mg/Kg		02/17/21 14:54	02/17/21 21:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	100		70 - 130	02/17/21 14:54	02/17/21 21:02	1
4-Bromofluorobenzene (Surr)	104		70 - 130	02/17/21 14:54	02/17/21 21:02	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.1	U	50.1	mg/Kg		02/17/21 15:02	02/17/21 21:54	1
Total TPH	<50.1	U	50.1	mg/Kg		02/17/21 15:02	02/17/21 21:54	1
>C10-C28	<50.1	U	50.1	mg/Kg		02/17/21 15:02	02/17/21 21:54	1
>C28-C35	<50.1	U	50.1	mg/Kg		02/17/21 15:02	02/17/21 21:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 135	02/17/21 15:02	02/17/21 21:54	1
o-Terphenyl	119		70 - 135	02/17/21 15:02	02/17/21 21:54	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	521		10.0	mg/Kg			02/17/21 18:42	1

Client Sample ID: FS61

Lab Sample ID: 890-210-7

Date Collected: 02/17/21 10:16

Matrix: Solid

Date Received: 02/17/21 14:10

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		02/17/21 14:54	02/17/21 21:25	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		02/17/21 14:54	02/17/21 21:25	1
Toluene	<0.00202	U	0.00202	mg/Kg		02/17/21 14:54	02/17/21 21:25	1
m,p-Xylenes	<0.00403	U	0.00403	mg/Kg		02/17/21 14:54	02/17/21 21:25	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		02/17/21 14:54	02/17/21 21:25	1
Total BTEX	<0.00202	U	0.00202	mg/Kg		02/17/21 14:54	02/17/21 21:25	1
Xylenes, Total	<0.00202	U	0.00202	mg/Kg		02/17/21 14:54	02/17/21 21:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	104		70 - 130	02/17/21 14:54	02/17/21 21:25	1
4-Bromofluorobenzene (Surr)	108		70 - 130	02/17/21 14:54	02/17/21 21:25	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-210-1
SDG: TE012920151

Client Sample ID: FS61

Lab Sample ID: 890-210-7

Date Collected: 02/17/21 10:16

Matrix: Solid

Date Received: 02/17/21 14:10

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.2	U	50.2	mg/Kg		02/17/21 15:02	02/17/21 22:14	1
Total TPH	<50.2	U	50.2	mg/Kg		02/17/21 15:02	02/17/21 22:14	1
>C10-C28	<50.2	U	50.2	mg/Kg		02/17/21 15:02	02/17/21 22:14	1
>C28-C35	<50.2	U	50.2	mg/Kg		02/17/21 15:02	02/17/21 22:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 135	02/17/21 15:02	02/17/21 22:14	1
o-Terphenyl	116		70 - 135	02/17/21 15:02	02/17/21 22:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	428		9.92	mg/Kg			02/17/21 18:48	1

Client Sample ID: FS62

Lab Sample ID: 890-210-8

Date Collected: 02/17/21 10:18

Matrix: Solid

Date Received: 02/17/21 14:10

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		02/17/21 14:54	02/17/21 21:47	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		02/17/21 14:54	02/17/21 21:47	1
Toluene	<0.00201	U	0.00201	mg/Kg		02/17/21 14:54	02/17/21 21:47	1
m,p-Xylenes	<0.00402	U	0.00402	mg/Kg		02/17/21 14:54	02/17/21 21:47	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		02/17/21 14:54	02/17/21 21:47	1
Total BTEX	<0.00201	U	0.00201	mg/Kg		02/17/21 14:54	02/17/21 21:47	1
Xylenes, Total	<0.00201	U	0.00201	mg/Kg		02/17/21 14:54	02/17/21 21:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	100		70 - 130	02/17/21 14:54	02/17/21 21:47	1
4-Bromofluorobenzene (Surr)	109		70 - 130	02/17/21 14:54	02/17/21 21:47	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.0	U	50.0	mg/Kg		02/17/21 15:02	02/17/21 22:33	1
Total TPH	<50.0	U	50.0	mg/Kg		02/17/21 15:02	02/17/21 22:33	1
>C10-C28	<50.0	U	50.0	mg/Kg		02/17/21 15:02	02/17/21 22:33	1
>C28-C35	<50.0	U	50.0	mg/Kg		02/17/21 15:02	02/17/21 22:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 135	02/17/21 15:02	02/17/21 22:33	1
o-Terphenyl	110		70 - 135	02/17/21 15:02	02/17/21 22:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	107		9.98	mg/Kg			02/17/21 18:54	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-210-1
SDG: TE012920151

Client Sample ID: FS63

Lab Sample ID: 890-210-9

Date Collected: 02/17/21 10:19

Matrix: Solid

Date Received: 02/17/21 14:10

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/17/21 22:10	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/17/21 22:10	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/17/21 22:10	1
m,p-Xylenes	<0.00401	U	0.00401	mg/Kg		02/17/21 14:54	02/17/21 22:10	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/17/21 22:10	1
Total BTEX	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/17/21 22:10	1
Xylenes, Total	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/17/21 22:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	98		70 - 130	02/17/21 14:54	02/17/21 22:10	1
4-Bromofluorobenzene (Surr)	106		70 - 130	02/17/21 14:54	02/17/21 22:10	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.1	U	50.1	mg/Kg		02/17/21 15:02	02/17/21 22:52	1
Total TPH	<50.1	U	50.1	mg/Kg		02/17/21 15:02	02/17/21 22:52	1
>C10-C28	<50.1	U	50.1	mg/Kg		02/17/21 15:02	02/17/21 22:52	1
>C28-C35	<50.1	U	50.1	mg/Kg		02/17/21 15:02	02/17/21 22:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 135	02/17/21 15:02	02/17/21 22:52	1
o-Terphenyl	114		70 - 135	02/17/21 15:02	02/17/21 22:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3320		199	mg/Kg			02/17/21 18:59	20

Client Sample ID: FS64

Lab Sample ID: 890-210-10

Date Collected: 02/17/21 10:20

Matrix: Solid

Date Received: 02/17/21 14:10

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/17/21 22:32	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/17/21 22:32	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/17/21 22:32	1
m,p-Xylenes	<0.00399	U	0.00399	mg/Kg		02/17/21 14:54	02/17/21 22:32	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/17/21 22:32	1
Total BTEX	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/17/21 22:32	1
Xylenes, Total	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/17/21 22:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	99		70 - 130	02/17/21 14:54	02/17/21 22:32	1
4-Bromofluorobenzene (Surr)	108		70 - 130	02/17/21 14:54	02/17/21 22:32	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.0	U	50.0	mg/Kg		02/17/21 15:02	02/17/21 23:11	1
Total TPH	<50.0	U	50.0	mg/Kg		02/17/21 15:02	02/17/21 23:11	1
>C10-C28	<50.0	U	50.0	mg/Kg		02/17/21 15:02	02/17/21 23:11	1
>C28-C35	<50.0	U	50.0	mg/Kg		02/17/21 15:02	02/17/21 23:11	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-210-1
SDG: TE012920151

Client Sample ID: FS64

Lab Sample ID: 890-210-10

Date Collected: 02/17/21 10:20

Matrix: Solid

Date Received: 02/17/21 14:10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 135	02/17/21 15:02	02/17/21 23:11	1
o-Terphenyl	123		70 - 135	02/17/21 15:02	02/17/21 23:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4550		202	mg/Kg			02/17/21 19:05	20

Client Sample ID: FS65

Lab Sample ID: 890-210-11

Date Collected: 02/17/21 10:21

Matrix: Solid

Date Received: 02/17/21 14:10

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		02/17/21 14:54	02/17/21 22:55	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		02/17/21 14:54	02/17/21 22:55	1
Toluene	<0.00199	U	0.00199	mg/Kg		02/17/21 14:54	02/17/21 22:55	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		02/17/21 14:54	02/17/21 22:55	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		02/17/21 14:54	02/17/21 22:55	1
Total BTEX	<0.00199	U	0.00199	mg/Kg		02/17/21 14:54	02/17/21 22:55	1
Xylenes, Total	<0.00199	U	0.00199	mg/Kg		02/17/21 14:54	02/17/21 22:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	100		70 - 130	02/17/21 14:54	02/17/21 22:55	1
4-Bromofluorobenzene (Surr)	107		70 - 130	02/17/21 14:54	02/17/21 22:55	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.1	U	50.1	mg/Kg		02/17/21 15:05	02/17/21 19:00	1
Total TPH	<50.1	U	50.1	mg/Kg		02/17/21 15:05	02/17/21 19:00	1
>C10-C28	<50.1	U	50.1	mg/Kg		02/17/21 15:05	02/17/21 19:00	1
>C28-C35	<50.1	U	50.1	mg/Kg		02/17/21 15:05	02/17/21 19:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 135	02/17/21 15:05	02/17/21 19:00	1
o-Terphenyl	108		70 - 135	02/17/21 15:05	02/17/21 19:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6490		198	mg/Kg			02/17/21 19:11	20

Client Sample ID: FS66

Lab Sample ID: 890-210-12

Date Collected: 02/17/21 10:23

Matrix: Solid

Date Received: 02/17/21 14:10

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		02/17/21 14:54	02/17/21 23:17	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		02/17/21 14:54	02/17/21 23:17	1
Toluene	<0.00202	U	0.00202	mg/Kg		02/17/21 14:54	02/17/21 23:17	1
m,p-Xylenes	<0.00403	U	0.00403	mg/Kg		02/17/21 14:54	02/17/21 23:17	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		02/17/21 14:54	02/17/21 23:17	1
Total BTEX	<0.00202	U	0.00202	mg/Kg		02/17/21 14:54	02/17/21 23:17	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-210-1
SDG: TE012920151

Client Sample ID: FS66

Lab Sample ID: 890-210-12

Date Collected: 02/17/21 10:23

Matrix: Solid

Date Received: 02/17/21 14:10

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.00202	U	0.00202	mg/Kg		02/17/21 14:54	02/17/21 23:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	94		70 - 130			02/17/21 14:54	02/17/21 23:17	1
4-Bromofluorobenzene (Surr)	105		70 - 130			02/17/21 14:54	02/17/21 23:17	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<49.9	U	49.9	mg/Kg		02/17/21 15:05	02/17/21 19:58	1
Total TPH	<49.9	U	49.9	mg/Kg		02/17/21 15:05	02/17/21 19:58	1
>C10-C28	<49.9	U	49.9	mg/Kg		02/17/21 15:05	02/17/21 19:58	1
>C28-C35	<49.9	U	49.9	mg/Kg		02/17/21 15:05	02/17/21 19:58	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 135			02/17/21 15:05	02/17/21 19:58	1
o-Terphenyl	117		70 - 135			02/17/21 15:05	02/17/21 19:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7280		200	mg/Kg			02/17/21 19:28	20

Client Sample ID: FS67

Lab Sample ID: 890-210-13

Date Collected: 02/17/21 10:24

Matrix: Solid

Date Received: 02/17/21 14:10

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		02/17/21 14:54	02/17/21 23:39	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		02/17/21 14:54	02/17/21 23:39	1
Toluene	<0.00198	U	0.00198	mg/Kg		02/17/21 14:54	02/17/21 23:39	1
m,p-Xylenes	<0.00397	U	0.00397	mg/Kg		02/17/21 14:54	02/17/21 23:39	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		02/17/21 14:54	02/17/21 23:39	1
Total BTEX	<0.00198	U	0.00198	mg/Kg		02/17/21 14:54	02/17/21 23:39	1
Xylenes, Total	<0.00198	U	0.00198	mg/Kg		02/17/21 14:54	02/17/21 23:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	97		70 - 130			02/17/21 14:54	02/17/21 23:39	1
4-Bromofluorobenzene (Surr)	107		70 - 130			02/17/21 14:54	02/17/21 23:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.0	U	50.0	mg/Kg		02/17/21 15:05	02/17/21 20:18	1
Total TPH	<50.0	U	50.0	mg/Kg		02/17/21 15:05	02/17/21 20:18	1
>C10-C28	<50.0	U	50.0	mg/Kg		02/17/21 15:05	02/17/21 20:18	1
>C28-C35	<50.0	U	50.0	mg/Kg		02/17/21 15:05	02/17/21 20:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 135			02/17/21 15:05	02/17/21 20:18	1
o-Terphenyl	114		70 - 135			02/17/21 15:05	02/17/21 20:18	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-210-1
SDG: TE012920151

Client Sample ID: FS67

Lab Sample ID: 890-210-13

Date Collected: 02/17/21 10:24

Matrix: Solid

Date Received: 02/17/21 14:10

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8420		200	mg/Kg			02/17/21 19:33	20

Client Sample ID: FS68

Lab Sample ID: 890-210-14

Date Collected: 02/17/21 10:25

Matrix: Solid

Date Received: 02/17/21 14:10

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/18/21 00:02	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/18/21 00:02	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/18/21 00:02	1
m,p-Xylenes	<0.00399	U	0.00399	mg/Kg		02/17/21 14:54	02/18/21 00:02	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/18/21 00:02	1
Total BTEX	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/18/21 00:02	1
Xylenes, Total	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/18/21 00:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	101		70 - 130	02/17/21 14:54	02/18/21 00:02	1
4-Bromofluorobenzene (Surr)	109		70 - 130	02/17/21 14:54	02/18/21 00:02	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<49.8	U	49.8	mg/Kg		02/17/21 15:05	02/17/21 20:37	1
Total TPH	<49.8	U	49.8	mg/Kg		02/17/21 15:05	02/17/21 20:37	1
>C10-C28	<49.8	U	49.8	mg/Kg		02/17/21 15:05	02/17/21 20:37	1
>C28-C35	<49.8	U	49.8	mg/Kg		02/17/21 15:05	02/17/21 20:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 135	02/17/21 15:05	02/17/21 20:37	1
o-Terphenyl	115		70 - 135	02/17/21 15:05	02/17/21 20:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	215		9.98	mg/Kg			02/17/21 19:51	1

Client Sample ID: FS69

Lab Sample ID: 890-210-15

Date Collected: 02/17/21 10:26

Matrix: Solid

Date Received: 02/17/21 14:10

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		02/17/21 14:54	02/18/21 00:24	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		02/17/21 14:54	02/18/21 00:24	1
Toluene	<0.00199	U	0.00199	mg/Kg		02/17/21 14:54	02/18/21 00:24	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		02/17/21 14:54	02/18/21 00:24	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		02/17/21 14:54	02/18/21 00:24	1
Total BTEX	<0.00199	U	0.00199	mg/Kg		02/17/21 14:54	02/18/21 00:24	1
Xylenes, Total	<0.00199	U	0.00199	mg/Kg		02/17/21 14:54	02/18/21 00:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	101		70 - 130	02/17/21 14:54	02/18/21 00:24	1
4-Bromofluorobenzene (Surr)	107		70 - 130	02/17/21 14:54	02/18/21 00:24	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-210-1
SDG: TE012920151

Client Sample ID: FS69

Lab Sample ID: 890-210-15

Date Collected: 02/17/21 10:26

Matrix: Solid

Date Received: 02/17/21 14:10

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.2	U	50.2	mg/Kg		02/17/21 15:05	02/17/21 20:56	1
Total TPH	<50.2	U	50.2	mg/Kg		02/17/21 15:05	02/17/21 20:56	1
>C10-C28	<50.2	U	50.2	mg/Kg		02/17/21 15:05	02/17/21 20:56	1
>C28-C35	<50.2	U	50.2	mg/Kg		02/17/21 15:05	02/17/21 20:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 135			02/17/21 15:05	02/17/21 20:56	1
o-Terphenyl	111		70 - 135			02/17/21 15:05	02/17/21 20:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	777		50.3	mg/Kg			02/17/21 19:56	5

Client Sample ID: FS70

Lab Sample ID: 890-210-16

Date Collected: 02/17/21 10:28

Matrix: Solid

Date Received: 02/17/21 14:10

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		02/17/21 14:54	02/18/21 01:09	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		02/17/21 14:54	02/18/21 01:09	1
Toluene	<0.00202	U	0.00202	mg/Kg		02/17/21 14:54	02/18/21 01:09	1
m,p-Xylenes	<0.00403	U	0.00403	mg/Kg		02/17/21 14:54	02/18/21 01:09	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		02/17/21 14:54	02/18/21 01:09	1
Total BTEX	<0.00202	U	0.00202	mg/Kg		02/17/21 14:54	02/18/21 01:09	1
Xylenes, Total	<0.00202	U	0.00202	mg/Kg		02/17/21 14:54	02/18/21 01:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	98		70 - 130			02/17/21 14:54	02/18/21 01:09	1
4-Bromofluorobenzene (Surr)	105		70 - 130			02/17/21 14:54	02/18/21 01:09	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.1	U	50.1	mg/Kg		02/17/21 15:05	02/17/21 21:35	1
Total TPH	<50.1	U	50.1	mg/Kg		02/17/21 15:05	02/17/21 21:35	1
>C10-C28	<50.1	U	50.1	mg/Kg		02/17/21 15:05	02/17/21 21:35	1
>C28-C35	<50.1	U	50.1	mg/Kg		02/17/21 15:05	02/17/21 21:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 135			02/17/21 15:05	02/17/21 21:35	1
o-Terphenyl	101		70 - 135			02/17/21 15:05	02/17/21 21:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	344		10.1	mg/Kg			02/17/21 20:02	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-210-1
SDG: TE012920151

Client Sample ID: FS71

Lab Sample ID: 890-210-17

Date Collected: 02/17/21 10:30

Matrix: Solid

Date Received: 02/17/21 14:10

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/18/21 01:31	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/18/21 01:31	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/18/21 01:31	1
m,p-Xylenes	<0.00401	U	0.00401	mg/Kg		02/17/21 14:54	02/18/21 01:31	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/18/21 01:31	1
Total BTEX	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/18/21 01:31	1
Xylenes, Total	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/18/21 01:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	102		70 - 130	02/17/21 14:54	02/18/21 01:31	1
4-Bromofluorobenzene (Surr)	109		70 - 130	02/17/21 14:54	02/18/21 01:31	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.1	U	50.1	mg/Kg		02/17/21 15:05	02/17/21 21:54	1
Total TPH	<50.1	U	50.1	mg/Kg		02/17/21 15:05	02/17/21 21:54	1
>C10-C28	<50.1	U	50.1	mg/Kg		02/17/21 15:05	02/17/21 21:54	1
>C28-C35	<50.1	U	50.1	mg/Kg		02/17/21 15:05	02/17/21 21:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 135	02/17/21 15:05	02/17/21 21:54	1
o-Terphenyl	103		70 - 135	02/17/21 15:05	02/17/21 21:54	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2570		101	mg/Kg			02/17/21 20:08	10

Client Sample ID: FS72

Lab Sample ID: 890-210-18

Date Collected: 02/17/21 10:31

Matrix: Solid

Date Received: 02/17/21 14:10

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		02/17/21 14:54	02/18/21 01:54	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		02/17/21 14:54	02/18/21 01:54	1
Toluene	<0.00198	U	0.00198	mg/Kg		02/17/21 14:54	02/18/21 01:54	1
m,p-Xylenes	<0.00397	U	0.00397	mg/Kg		02/17/21 14:54	02/18/21 01:54	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		02/17/21 14:54	02/18/21 01:54	1
Total BTEX	<0.00198	U	0.00198	mg/Kg		02/17/21 14:54	02/18/21 01:54	1
Xylenes, Total	<0.00198	U	0.00198	mg/Kg		02/17/21 14:54	02/18/21 01:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	101		70 - 130	02/17/21 14:54	02/18/21 01:54	1
4-Bromofluorobenzene (Surr)	112		70 - 130	02/17/21 14:54	02/18/21 01:54	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.1	U	50.1	mg/Kg		02/17/21 15:05	02/17/21 22:14	1
Total TPH	<50.1	U	50.1	mg/Kg		02/17/21 15:05	02/17/21 22:14	1
>C10-C28	<50.1	U	50.1	mg/Kg		02/17/21 15:05	02/17/21 22:14	1
>C28-C35	<50.1	U	50.1	mg/Kg		02/17/21 15:05	02/17/21 22:14	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-210-1
SDG: TE012920151

Client Sample ID: FS72

Lab Sample ID: 890-210-18

Date Collected: 02/17/21 10:31

Matrix: Solid

Date Received: 02/17/21 14:10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 135	02/17/21 15:05	02/17/21 22:14	1
o-Terphenyl	120		70 - 135	02/17/21 15:05	02/17/21 22:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	140		9.98	mg/Kg			02/17/21 20:13	1

Client Sample ID: FS73

Lab Sample ID: 890-210-19

Date Collected: 02/17/21 10:33

Matrix: Solid

Date Received: 02/17/21 14:10

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/18/21 02:16	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/18/21 02:16	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/18/21 02:16	1
m,p-Xylenes	<0.00399	U	0.00399	mg/Kg		02/17/21 14:54	02/18/21 02:16	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/18/21 02:16	1
Total BTEX	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/18/21 02:16	1
Xylenes, Total	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/18/21 02:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	101		70 - 130	02/17/21 14:54	02/18/21 02:16	1
4-Bromofluorobenzene (Surr)	109		70 - 130	02/17/21 14:54	02/18/21 02:16	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.1	U	50.1	mg/Kg		02/17/21 15:05	02/17/21 22:33	1
Total TPH	<50.1	U	50.1	mg/Kg		02/17/21 15:05	02/17/21 22:33	1
>C10-C28	<50.1	U	50.1	mg/Kg		02/17/21 15:05	02/17/21 22:33	1
>C28-C35	<50.1	U	50.1	mg/Kg		02/17/21 15:05	02/17/21 22:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 135	02/17/21 15:05	02/17/21 22:33	1
o-Terphenyl	107		70 - 135	02/17/21 15:05	02/17/21 22:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	188		50.5	mg/Kg			02/17/21 20:19	5

Client Sample ID: FS74

Lab Sample ID: 890-210-20

Date Collected: 02/17/21 10:34

Matrix: Solid

Date Received: 02/17/21 14:10

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/18/21 02:39	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/18/21 02:39	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/18/21 02:39	1
m,p-Xylenes	<0.00401	U	0.00401	mg/Kg		02/17/21 14:54	02/18/21 02:39	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/18/21 02:39	1
Total BTEX	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/18/21 02:39	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-210-1
SDG: TE012920151

Client Sample ID: FS74

Lab Sample ID: 890-210-20

Date Collected: 02/17/21 10:34

Matrix: Solid

Date Received: 02/17/21 14:10

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/18/21 02:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	104		70 - 130	02/17/21 14:54	02/18/21 02:39	1
4-Bromofluorobenzene (Surr)	112		70 - 130	02/17/21 14:54	02/18/21 02:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.3	U	50.3	mg/Kg		02/17/21 15:05	02/17/21 22:52	1
Total TPH	<50.3	U	50.3	mg/Kg		02/17/21 15:05	02/17/21 22:52	1
>C10-C28	<50.3	U	50.3	mg/Kg		02/17/21 15:05	02/17/21 22:52	1
>C28-C35	<50.3	U	50.3	mg/Kg		02/17/21 15:05	02/17/21 22:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 135	02/17/21 15:05	02/17/21 22:52	1
o-Terphenyl	118		70 - 135	02/17/21 15:05	02/17/21 22:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	233		49.8	mg/Kg			02/17/21 20:25	5

Eurofins Xenco, Carlsbad

Surrogate Summary

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-210-1
SDG: TE012920151

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	DFBZ1	BFB1
		(70-130)	(70-130)
890-210-1	FS55	100	105
890-210-1 MS	FS55	96	97
890-210-1 MSD	FS55	87	95
890-210-2	FS56	105	111
890-210-3	FS57	99	101
890-210-4	FS58	104	105
890-210-5	FS59	97	106
890-210-6	FS60	100	104
890-210-7	FS61	104	108
890-210-8	FS62	100	109
890-210-9	FS63	98	106
890-210-10	FS64	99	108
890-210-11	FS65	100	107
890-210-12	FS66	94	105
890-210-13	FS67	97	107
890-210-14	FS68	101	109
890-210-15	FS69	101	107
890-210-16	FS70	98	105
890-210-17	FS71	102	109
890-210-18	FS72	101	112
890-210-19	FS73	101	109
890-210-20	FS74	104	112
LCS 890-283/2-A	Lab Control Sample	96	92
LCSD 890-283/3-A	Lab Control Sample Dup	95	94
MB 890-283/1-A	Method Blank	96	99

Surrogate Legend

DFBZ = 1,4-Difluorobenzene

BFB = 4-Bromofluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1	OTPH1
		(70-135)	(70-135)
890-210-1	FS55	110	108
890-210-1 MS	FS55	121	114
890-210-1 MSD	FS55	125	118
890-210-2	FS56	126	126
890-210-3	FS57	119	117
890-210-4	FS58	119	117
890-210-5	FS59	129	125
890-210-6	FS60	119	119
890-210-7	FS61	116	116
890-210-8	FS62	110	110
890-210-9	FS63	115	114
890-210-10	FS64	124	123
890-210-11	FS65	111	108
890-210-11 MS	FS65	124	115

Eurofins Xenco, Carlsbad

Surrogate Summary

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-210-1
SDG: TE012920151

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-135)	OTPH1 (70-135)
890-210-11 MSD	FS65	113	103
890-210-12	FS66	120	117
890-210-13	FS67	118	114
890-210-14	FS68	118	115
890-210-15	FS69	114	111
890-210-16	FS70	104	101
890-210-17	FS71	107	103
890-210-18	FS72	122	120
890-210-19	FS73	111	107
890-210-20	FS74	122	118
LCS 890-285/2-A	Lab Control Sample	114	104
LCS 890-286/2-A	Lab Control Sample	112	101
LCSD 890-285/3-A	Lab Control Sample Dup	118	108
LCSD 890-286/3-A	Lab Control Sample Dup	106	95
MB 890-285/1-A	Method Blank	94	92
MB 890-286/1-A	Method Blank	91	87

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-210-1
SDG: TE012920151

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 890-283/1-A

Matrix: Solid

Analysis Batch: 289

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 283

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/17/21 16:55	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/17/21 16:55	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/17/21 16:55	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		02/17/21 14:54	02/17/21 16:55	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/17/21 16:55	1
Total BTEX	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/17/21 16:55	1
Xylenes, Total	<0.00200	U	0.00200	mg/Kg		02/17/21 14:54	02/17/21 16:55	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	96		70 - 130	02/17/21 14:54	02/17/21 16:55	1
4-Bromofluorobenzene (Surr)	99		70 - 130	02/17/21 14:54	02/17/21 16:55	1

Lab Sample ID: LCS 890-283/2-A

Matrix: Solid

Analysis Batch: 289

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 283

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09489		mg/Kg		95	70 - 130
Ethylbenzene	0.100	0.09762		mg/Kg		98	71 - 129
Toluene	0.100	0.09556		mg/Kg		96	70 - 130
m,p-Xylenes	0.200	0.1986		mg/Kg		99	70 - 135
o-Xylene	0.100	0.09631		mg/Kg		96	71 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,4-Difluorobenzene	96		70 - 130
4-Bromofluorobenzene (Surr)	92		70 - 130

Lab Sample ID: LCSD 890-283/3-A

Matrix: Solid

Analysis Batch: 289

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 283

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.09509		mg/Kg		95	70 - 130	0	35
Ethylbenzene	0.100	0.09779		mg/Kg		98	71 - 129	0	35
Toluene	0.100	0.09762		mg/Kg		98	70 - 130	2	35
m,p-Xylenes	0.200	0.1991		mg/Kg		100	70 - 135	0	35
o-Xylene	0.100	0.09776		mg/Kg		98	71 - 133	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,4-Difluorobenzene	95		70 - 130
4-Bromofluorobenzene (Surr)	94		70 - 130

Lab Sample ID: 890-210-1 MS

Matrix: Solid

Analysis Batch: 289

Client Sample ID: FS55

Prep Type: Total/NA

Prep Batch: 283

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00198	U	0.0998	0.09343		mg/Kg		94	70 - 130

Eurofins Xenco, Carlsbad

QC Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-210-1
SDG: TE012920151

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

Lab Sample ID: 890-210-1 MS

Matrix: Solid

Analysis Batch: 289

Client Sample ID: FS55

Prep Type: Total/NA

Prep Batch: 283

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	<0.00198	U	0.0998	0.09621		mg/Kg		96	71 - 129
Toluene	<0.00198	U	0.0998	0.09677		mg/Kg		97	70 - 130
m,p-Xylenes	<0.00397	U	0.200	0.1991		mg/Kg		100	70 - 135
o-Xylene	<0.00198	U	0.0998	0.09932		mg/Kg		100	71 - 133
Surrogate	MS %Recovery	MS Qualifier	Limits						
1,4-Difluorobenzene	96		70 - 130						
4-Bromofluorobenzene (Surr)	97		70 - 130						

Lab Sample ID: 890-210-1 MSD

Matrix: Solid

Analysis Batch: 289

Client Sample ID: FS55

Prep Type: Total/NA

Prep Batch: 283

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.0996	0.08660		mg/Kg		87	70 - 130	8	35
Ethylbenzene	<0.00198	U	0.0996	0.09005		mg/Kg		90	71 - 129	7	35
Toluene	<0.00198	U	0.0996	0.08874		mg/Kg		89	70 - 130	9	35
m,p-Xylenes	<0.00397	U	0.199	0.1852		mg/Kg		93	70 - 135	7	35
o-Xylene	<0.00198	U	0.0996	0.09273		mg/Kg		93	71 - 133	7	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1,4-Difluorobenzene	87		70 - 130								
4-Bromofluorobenzene (Surr)	95		70 - 130								

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

Lab Sample ID: MB 890-285/1-A

Matrix: Solid

Analysis Batch: 281

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 285

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.0	U	50.0	mg/Kg		02/17/21 15:02	02/17/21 18:21	1
Total TPH	<50.0	U	50.0	mg/Kg		02/17/21 15:02	02/17/21 18:21	1
>C10-C28	<50.0	U	50.0	mg/Kg		02/17/21 15:02	02/17/21 18:21	1
>C28-C35	<50.0	U	50.0	mg/Kg		02/17/21 15:02	02/17/21 18:21	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 135			02/17/21 15:02	02/17/21 18:21	1
o-Terphenyl	92		70 - 135			02/17/21 15:02	02/17/21 18:21	1

Lab Sample ID: LCS 890-285/2-A

Matrix: Solid

Analysis Batch: 281

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 285

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C6-C10	1000	1033		mg/Kg		103	70 - 135
Total TPH	2000	2051		mg/Kg		103	
>C10-C28	1000	1018		mg/Kg		102	70 - 135

Eurofins Xenco, Carlsbad

QC Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-210-1
SDG: TE012920151

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

Lab Sample ID: LCS 890-285/2-A

Matrix: Solid

Analysis Batch: 281

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 285

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	114		70 - 135
o-Terphenyl	104		70 - 135

Lab Sample ID: LCSD 890-285/3-A

Matrix: Solid

Analysis Batch: 281

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 285

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C6-C10	1000	1064		mg/Kg		106	70 - 135	3	25
Total TPH	2000	2109		mg/Kg		105		3	
>C10-C28	1000	1045		mg/Kg		105	70 - 135	3	25

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	118		70 - 135
o-Terphenyl	108		70 - 135

Lab Sample ID: 890-210-1 MS

Matrix: Solid

Analysis Batch: 281

Client Sample ID: FS55

Prep Type: Total/NA

Prep Batch: 285

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
C6-C10	<50.2	U	1000	996.6		mg/Kg		99	70 - 135
Total TPH	<50.2	U	2010	1969		mg/Kg		98	
>C10-C28	<50.2	U	1000	972.3		mg/Kg		97	70 - 135

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	121		70 - 135
o-Terphenyl	114		70 - 135

Lab Sample ID: 890-210-1 MSD

Matrix: Solid

Analysis Batch: 281

Client Sample ID: FS55

Prep Type: Total/NA

Prep Batch: 285

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C6-C10	<50.2	U	1010	999.9		mg/Kg		99	70 - 135	0	35
Total TPH	<50.2	U	2010	1987		mg/Kg		99		1	
>C10-C28	<50.2	U	1010	987.4		mg/Kg		98	70 - 135	2	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	125		70 - 135
o-Terphenyl	118		70 - 135

Lab Sample ID: MB 890-286/1-A

Matrix: Solid

Analysis Batch: 282

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 286

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	<50.0	U	50.0	mg/Kg		02/17/21 15:05	02/17/21 18:02	1

Eurofins Xenco, Carlsbad

QC Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-210-1
SDG: TE012920151

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

Lab Sample ID: MB 890-286/1-A

Matrix: Solid

Analysis Batch: 282

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 286

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg		02/17/21 15:05	02/17/21 18:02	1
>C10-C28	<50.0	U	50.0	mg/Kg		02/17/21 15:05	02/17/21 18:02	1
>C28-C35	<50.0	U	50.0	mg/Kg		02/17/21 15:05	02/17/21 18:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 135	02/17/21 15:05	02/17/21 18:02	1
o-Terphenyl	87		70 - 135	02/17/21 15:05	02/17/21 18:02	1

Lab Sample ID: LCS 890-286/2-A

Matrix: Solid

Analysis Batch: 282

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 286

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C6-C10	1000	1139		mg/Kg		114	70 - 135
Total TPH	2000	2087		mg/Kg		104	
>C10-C28	1000	947.7		mg/Kg		95	70 - 135

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	112		70 - 135
o-Terphenyl	101		70 - 135

Lab Sample ID: LCSD 890-286/3-A

Matrix: Solid

Analysis Batch: 282

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 286

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
C6-C10	1000	1043		mg/Kg		104	70 - 135	9	25
Total TPH	2000	1926		mg/Kg		96		8	
>C10-C28	1000	883.3		mg/Kg		88	70 - 135	7	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	106		70 - 135
o-Terphenyl	95		70 - 135

Lab Sample ID: 890-210-11 MS

Matrix: Solid

Analysis Batch: 282

Client Sample ID: FS65

Prep Type: Total/NA

Prep Batch: 286

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
C6-C10	<50.1	U	995	1071		mg/Kg		108	70 - 135
Total TPH	<50.1	U	1990	1952		mg/Kg		98	
>C10-C28	<50.1	U	995	880.7		mg/Kg		89	70 - 135

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	124		70 - 135
o-Terphenyl	115		70 - 135

Eurofins Xenco, Carlsbad

QC Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-210-1
SDG: TE012920151

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

Lab Sample ID: 890-210-11 MSD

Matrix: Solid

Analysis Batch: 282

Client Sample ID: FS65

Prep Type: Total/NA

Prep Batch: 286

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C6-C10	<50.1	U	995	1041		mg/Kg		105	70 - 135	3	35
Total TPH	<50.1	U	1990	1920		mg/Kg		96		2	
>C10-C28	<50.1	U	995	879.1		mg/Kg		88	70 - 135	0	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	113		70 - 135								
o-Terphenyl	103		70 - 135								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 890-284/1-A

Matrix: Solid

Analysis Batch: 290

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0	mg/Kg			02/17/21 17:34	1

Lab Sample ID: LCS 890-284/2-A

Matrix: Solid

Analysis Batch: 290

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	500	516.7		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 890-284/3-A

Matrix: Solid

Analysis Batch: 290

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	500	517.1		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 890-210-1 MS

Matrix: Solid

Analysis Batch: 290

Client Sample ID: FS55

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	28.2		503	552.9		mg/Kg		104	90 - 110

Lab Sample ID: 890-210-1 MSD

Matrix: Solid

Analysis Batch: 290

Client Sample ID: FS55

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	28.2		504	554.2		mg/Kg		104	90 - 110	0	20

Eurofins Xenco, Carlsbad

QC Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-210-1
SDG: TE012920151

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-210-11 MS

Matrix: Solid

Analysis Batch: 290

Client Sample ID: FS65

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	6490		503	6849	4	mg/Kg		71	90 - 110

Lab Sample ID: 890-210-11 MSD

Matrix: Solid

Analysis Batch: 290

Client Sample ID: FS65

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	6490		502	6902	4	mg/Kg		82	90 - 110	1	20

QC Association Summary

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-210-1
SDG: TE012920151

GC VOA

Prep Batch: 283

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-210-1	FS55	Total/NA	Solid	5035	
890-210-2	FS56	Total/NA	Solid	5035	
890-210-3	FS57	Total/NA	Solid	5035	
890-210-4	FS58	Total/NA	Solid	5035	
890-210-5	FS59	Total/NA	Solid	5035	
890-210-6	FS60	Total/NA	Solid	5035	
890-210-7	FS61	Total/NA	Solid	5035	
890-210-8	FS62	Total/NA	Solid	5035	
890-210-9	FS63	Total/NA	Solid	5035	
890-210-10	FS64	Total/NA	Solid	5035	
890-210-11	FS65	Total/NA	Solid	5035	
890-210-12	FS66	Total/NA	Solid	5035	
890-210-13	FS67	Total/NA	Solid	5035	
890-210-14	FS68	Total/NA	Solid	5035	
890-210-15	FS69	Total/NA	Solid	5035	
890-210-16	FS70	Total/NA	Solid	5035	
890-210-17	FS71	Total/NA	Solid	5035	
890-210-18	FS72	Total/NA	Solid	5035	
890-210-19	FS73	Total/NA	Solid	5035	
890-210-20	FS74	Total/NA	Solid	5035	
MB 890-283/1-A	Method Blank	Total/NA	Solid	5035	
LCS 890-283/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 890-283/3-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-210-1 MS	FS55	Total/NA	Solid	5035	
890-210-1 MSD	FS55	Total/NA	Solid	5035	

Analysis Batch: 289

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-210-1	FS55	Total/NA	Solid	8021B	283
890-210-2	FS56	Total/NA	Solid	8021B	283
890-210-3	FS57	Total/NA	Solid	8021B	283
890-210-4	FS58	Total/NA	Solid	8021B	283
890-210-5	FS59	Total/NA	Solid	8021B	283
890-210-6	FS60	Total/NA	Solid	8021B	283
890-210-7	FS61	Total/NA	Solid	8021B	283
890-210-8	FS62	Total/NA	Solid	8021B	283
890-210-9	FS63	Total/NA	Solid	8021B	283
890-210-10	FS64	Total/NA	Solid	8021B	283
890-210-11	FS65	Total/NA	Solid	8021B	283
890-210-12	FS66	Total/NA	Solid	8021B	283
890-210-13	FS67	Total/NA	Solid	8021B	283
890-210-14	FS68	Total/NA	Solid	8021B	283
890-210-15	FS69	Total/NA	Solid	8021B	283
890-210-16	FS70	Total/NA	Solid	8021B	283
890-210-17	FS71	Total/NA	Solid	8021B	283
890-210-18	FS72	Total/NA	Solid	8021B	283
890-210-19	FS73	Total/NA	Solid	8021B	283
890-210-20	FS74	Total/NA	Solid	8021B	283
MB 890-283/1-A	Method Blank	Total/NA	Solid	8021B	283
LCS 890-283/2-A	Lab Control Sample	Total/NA	Solid	8021B	283
LCSD 890-283/3-A	Lab Control Sample Dup	Total/NA	Solid	8021B	283

Eurofins Xenco, Carlsbad

QC Association Summary

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-210-1
SDG: TE012920151

GC VOA (Continued)

Analysis Batch: 289 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-210-1 MS	FS55	Total/NA	Solid	8021B	283
890-210-1 MSD	FS55	Total/NA	Solid	8021B	283

GC Semi VOA

Analysis Batch: 281

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-210-1	FS55	Total/NA	Solid	8015B NM	285
890-210-2	FS56	Total/NA	Solid	8015B NM	285
890-210-3	FS57	Total/NA	Solid	8015B NM	285
890-210-4	FS58	Total/NA	Solid	8015B NM	285
890-210-5	FS59	Total/NA	Solid	8015B NM	285
890-210-6	FS60	Total/NA	Solid	8015B NM	285
890-210-7	FS61	Total/NA	Solid	8015B NM	285
890-210-8	FS62	Total/NA	Solid	8015B NM	285
890-210-9	FS63	Total/NA	Solid	8015B NM	285
890-210-10	FS64	Total/NA	Solid	8015B NM	285
MB 890-285/1-A	Method Blank	Total/NA	Solid	8015B NM	285
LCS 890-285/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	285
LCSD 890-285/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	285
890-210-1 MS	FS55	Total/NA	Solid	8015B NM	285
890-210-1 MSD	FS55	Total/NA	Solid	8015B NM	285

Analysis Batch: 282

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-210-11	FS65	Total/NA	Solid	8015B NM	286
890-210-12	FS66	Total/NA	Solid	8015B NM	286
890-210-13	FS67	Total/NA	Solid	8015B NM	286
890-210-14	FS68	Total/NA	Solid	8015B NM	286
890-210-15	FS69	Total/NA	Solid	8015B NM	286
890-210-16	FS70	Total/NA	Solid	8015B NM	286
890-210-17	FS71	Total/NA	Solid	8015B NM	286
890-210-18	FS72	Total/NA	Solid	8015B NM	286
890-210-19	FS73	Total/NA	Solid	8015B NM	286
890-210-20	FS74	Total/NA	Solid	8015B NM	286
MB 890-286/1-A	Method Blank	Total/NA	Solid	8015B NM	286
LCS 890-286/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	286
LCSD 890-286/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	286
890-210-11 MS	FS65	Total/NA	Solid	8015B NM	286
890-210-11 MSD	FS65	Total/NA	Solid	8015B NM	286

Prep Batch: 285

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-210-1	FS55	Total/NA	Solid	8015NM Prep	
890-210-2	FS56	Total/NA	Solid	8015NM Prep	
890-210-3	FS57	Total/NA	Solid	8015NM Prep	
890-210-4	FS58	Total/NA	Solid	8015NM Prep	
890-210-5	FS59	Total/NA	Solid	8015NM Prep	
890-210-6	FS60	Total/NA	Solid	8015NM Prep	
890-210-7	FS61	Total/NA	Solid	8015NM Prep	
890-210-8	FS62	Total/NA	Solid	8015NM Prep	

Eurofins Xenco, Carlsbad

QC Association Summary

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-210-1
SDG: TE012920151

GC Semi VOA (Continued)

Prep Batch: 285 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-210-9	FS63	Total/NA	Solid	8015NM Prep	
890-210-10	FS64	Total/NA	Solid	8015NM Prep	
MB 890-285/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 890-285/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 890-285/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-210-1 MS	FS55	Total/NA	Solid	8015NM Prep	
890-210-1 MSD	FS55	Total/NA	Solid	8015NM Prep	

Prep Batch: 286

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-210-11	FS65	Total/NA	Solid	8015NM Prep	
890-210-12	FS66	Total/NA	Solid	8015NM Prep	
890-210-13	FS67	Total/NA	Solid	8015NM Prep	
890-210-14	FS68	Total/NA	Solid	8015NM Prep	
890-210-15	FS69	Total/NA	Solid	8015NM Prep	
890-210-16	FS70	Total/NA	Solid	8015NM Prep	
890-210-17	FS71	Total/NA	Solid	8015NM Prep	
890-210-18	FS72	Total/NA	Solid	8015NM Prep	
890-210-19	FS73	Total/NA	Solid	8015NM Prep	
890-210-20	FS74	Total/NA	Solid	8015NM Prep	
MB 890-286/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 890-286/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 890-286/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-210-11 MS	FS65	Total/NA	Solid	8015NM Prep	
890-210-11 MSD	FS65	Total/NA	Solid	8015NM Prep	

HPLC/IC

Leach Batch: 284

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-210-1	FS55	Soluble	Solid	DI Leach	
890-210-2	FS56	Soluble	Solid	DI Leach	
890-210-3	FS57	Soluble	Solid	DI Leach	
890-210-4	FS58	Soluble	Solid	DI Leach	
890-210-5	FS59	Soluble	Solid	DI Leach	
890-210-6	FS60	Soluble	Solid	DI Leach	
890-210-7	FS61	Soluble	Solid	DI Leach	
890-210-8	FS62	Soluble	Solid	DI Leach	
890-210-9	FS63	Soluble	Solid	DI Leach	
890-210-10	FS64	Soluble	Solid	DI Leach	
890-210-11	FS65	Soluble	Solid	DI Leach	
890-210-12	FS66	Soluble	Solid	DI Leach	
890-210-13	FS67	Soluble	Solid	DI Leach	
890-210-14	FS68	Soluble	Solid	DI Leach	
890-210-15	FS69	Soluble	Solid	DI Leach	
890-210-16	FS70	Soluble	Solid	DI Leach	
890-210-17	FS71	Soluble	Solid	DI Leach	
890-210-18	FS72	Soluble	Solid	DI Leach	
890-210-19	FS73	Soluble	Solid	DI Leach	
890-210-20	FS74	Soluble	Solid	DI Leach	
MB 890-284/1-A	Method Blank	Soluble	Solid	DI Leach	

Eurofins Xenco, Carlsbad

QC Association Summary

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-210-1
SDG: TE012920151

HPLC/IC (Continued)

Leach Batch: 284 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 890-284/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 890-284/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-210-1 MS	FS55	Soluble	Solid	DI Leach	
890-210-1 MSD	FS55	Soluble	Solid	DI Leach	
890-210-11 MS	FS65	Soluble	Solid	DI Leach	
890-210-11 MSD	FS65	Soluble	Solid	DI Leach	

Analysis Batch: 290

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-210-1	FS55	Soluble	Solid	300.0	284
890-210-2	FS56	Soluble	Solid	300.0	284
890-210-3	FS57	Soluble	Solid	300.0	284
890-210-4	FS58	Soluble	Solid	300.0	284
890-210-5	FS59	Soluble	Solid	300.0	284
890-210-6	FS60	Soluble	Solid	300.0	284
890-210-7	FS61	Soluble	Solid	300.0	284
890-210-8	FS62	Soluble	Solid	300.0	284
890-210-9	FS63	Soluble	Solid	300.0	284
890-210-10	FS64	Soluble	Solid	300.0	284
890-210-11	FS65	Soluble	Solid	300.0	284
890-210-12	FS66	Soluble	Solid	300.0	284
890-210-13	FS67	Soluble	Solid	300.0	284
890-210-14	FS68	Soluble	Solid	300.0	284
890-210-15	FS69	Soluble	Solid	300.0	284
890-210-16	FS70	Soluble	Solid	300.0	284
890-210-17	FS71	Soluble	Solid	300.0	284
890-210-18	FS72	Soluble	Solid	300.0	284
890-210-19	FS73	Soluble	Solid	300.0	284
890-210-20	FS74	Soluble	Solid	300.0	284
MB 890-284/1-A	Method Blank	Soluble	Solid	300.0	284
LCS 890-284/2-A	Lab Control Sample	Soluble	Solid	300.0	284
LCSD 890-284/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	284
890-210-1 MS	FS55	Soluble	Solid	300.0	284
890-210-1 MSD	FS55	Soluble	Solid	300.0	284
890-210-11 MS	FS65	Soluble	Solid	300.0	284
890-210-11 MSD	FS65	Soluble	Solid	300.0	284

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-210-1
SDG: TE012920151

Client Sample ID: FS55

Lab Sample ID: 890-210-1

Date Collected: 02/17/21 10:08

Matrix: Solid

Date Received: 02/17/21 14:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			283	02/17/21 14:54	MC	XC
Total/NA	Analysis	8021B		1	289	02/17/21 18:02	PXS	XC
Total/NA	Prep	8015NM Prep			285	02/17/21 15:02	MC	XC
Total/NA	Analysis	8015B NM		1	281	02/17/21 19:19	T1S	XC
Soluble	Leach	DI Leach			284	02/17/21 14:58	MC	XC
Soluble	Analysis	300.0		1	290	02/17/21 17:51	A1S	XC

Client Sample ID: FS56

Lab Sample ID: 890-210-2

Date Collected: 02/17/21 10:09

Matrix: Solid

Date Received: 02/17/21 14:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			283	02/17/21 14:54	MC	XC
Total/NA	Analysis	8021B		1	289	02/17/21 19:10	PXS	XC
Total/NA	Prep	8015NM Prep			285	02/17/21 15:02	MC	XC
Total/NA	Analysis	8015B NM		1	281	02/17/21 20:18	T1S	XC
Soluble	Leach	DI Leach			284	02/17/21 14:58	MC	XC
Soluble	Analysis	300.0		5	290	02/17/21 18:08	A1S	XC

Client Sample ID: FS57

Lab Sample ID: 890-210-3

Date Collected: 02/17/21 10:11

Matrix: Solid

Date Received: 02/17/21 14:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			283	02/17/21 14:54	MC	XC
Total/NA	Analysis	8021B		1	289	02/17/21 19:32	PXS	XC
Total/NA	Prep	8015NM Prep			285	02/17/21 15:02	MC	XC
Total/NA	Analysis	8015B NM		1	281	02/17/21 20:37	T1S	XC
Soluble	Leach	DI Leach			284	02/17/21 14:58	MC	XC
Soluble	Analysis	300.0		1	290	02/17/21 18:14	A1S	XC

Client Sample ID: FS58

Lab Sample ID: 890-210-4

Date Collected: 02/17/21 10:12

Matrix: Solid

Date Received: 02/17/21 14:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			283	02/17/21 14:54	MC	XC
Total/NA	Analysis	8021B		1	289	02/17/21 19:55	PXS	XC
Total/NA	Prep	8015NM Prep			285	02/17/21 15:02	MC	XC
Total/NA	Analysis	8015B NM		1	281	02/17/21 20:56	T1S	XC
Soluble	Leach	DI Leach			284	02/17/21 14:58	MC	XC
Soluble	Analysis	300.0		1	290	02/17/21 18:20	A1S	XC

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-210-1
SDG: TE012920151

Client Sample ID: FS59

Lab Sample ID: 890-210-5

Date Collected: 02/17/21 10:13

Matrix: Solid

Date Received: 02/17/21 14:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			283	02/17/21 14:54	MC	XC
Total/NA	Analysis	8021B		1	289	02/17/21 20:17	PXS	XC
Total/NA	Prep	8015NM Prep			285	02/17/21 15:02	MC	XC
Total/NA	Analysis	8015B NM		1	281	02/17/21 21:16	T1S	XC
Soluble	Leach	DI Leach			284	02/17/21 14:58	MC	XC
Soluble	Analysis	300.0		1	290	02/17/21 18:25	A1S	XC

Client Sample ID: FS60

Lab Sample ID: 890-210-6

Date Collected: 02/17/21 10:15

Matrix: Solid

Date Received: 02/17/21 14:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			283	02/17/21 14:54	MC	XC
Total/NA	Analysis	8021B		1	289	02/17/21 21:02	PXS	XC
Total/NA	Prep	8015NM Prep			285	02/17/21 15:02	MC	XC
Total/NA	Analysis	8015B NM		1	281	02/17/21 21:54	T1S	XC
Soluble	Leach	DI Leach			284	02/17/21 14:58	MC	XC
Soluble	Analysis	300.0		1	290	02/17/21 18:42	A1S	XC

Client Sample ID: FS61

Lab Sample ID: 890-210-7

Date Collected: 02/17/21 10:16

Matrix: Solid

Date Received: 02/17/21 14:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			283	02/17/21 14:54	MC	XC
Total/NA	Analysis	8021B		1	289	02/17/21 21:25	PXS	XC
Total/NA	Prep	8015NM Prep			285	02/17/21 15:02	MC	XC
Total/NA	Analysis	8015B NM		1	281	02/17/21 22:14	T1S	XC
Soluble	Leach	DI Leach			284	02/17/21 14:58	MC	XC
Soluble	Analysis	300.0		1	290	02/17/21 18:48	A1S	XC

Client Sample ID: FS62

Lab Sample ID: 890-210-8

Date Collected: 02/17/21 10:18

Matrix: Solid

Date Received: 02/17/21 14:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			283	02/17/21 14:54	MC	XC
Total/NA	Analysis	8021B		1	289	02/17/21 21:47	PXS	XC
Total/NA	Prep	8015NM Prep			285	02/17/21 15:02	MC	XC
Total/NA	Analysis	8015B NM		1	281	02/17/21 22:33	T1S	XC
Soluble	Leach	DI Leach			284	02/17/21 14:58	MC	XC
Soluble	Analysis	300.0		1	290	02/17/21 18:54	A1S	XC

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-210-1
SDG: TE012920151

Client Sample ID: FS63

Lab Sample ID: 890-210-9

Date Collected: 02/17/21 10:19

Matrix: Solid

Date Received: 02/17/21 14:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			283	02/17/21 14:54	MC	XC
Total/NA	Analysis	8021B		1	289	02/17/21 22:10	PXS	XC
Total/NA	Prep	8015NM Prep			285	02/17/21 15:02	MC	XC
Total/NA	Analysis	8015B NM		1	281	02/17/21 22:52	T1S	XC
Soluble	Leach	DI Leach			284	02/17/21 14:58	MC	XC
Soluble	Analysis	300.0		20	290	02/17/21 18:59	A1S	XC

Client Sample ID: FS64

Lab Sample ID: 890-210-10

Date Collected: 02/17/21 10:20

Matrix: Solid

Date Received: 02/17/21 14:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			283	02/17/21 14:54	MC	XC
Total/NA	Analysis	8021B		1	289	02/17/21 22:32	PXS	XC
Total/NA	Prep	8015NM Prep			285	02/17/21 15:02	MC	XC
Total/NA	Analysis	8015B NM		1	281	02/17/21 23:11	T1S	XC
Soluble	Leach	DI Leach			284	02/17/21 14:58	MC	XC
Soluble	Analysis	300.0		20	290	02/17/21 19:05	A1S	XC

Client Sample ID: FS65

Lab Sample ID: 890-210-11

Date Collected: 02/17/21 10:21

Matrix: Solid

Date Received: 02/17/21 14:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			283	02/17/21 14:54	MC	XC
Total/NA	Analysis	8021B		1	289	02/17/21 22:55	PXS	XC
Total/NA	Prep	8015NM Prep			286	02/17/21 15:05	MC	XC
Total/NA	Analysis	8015B NM		1	282	02/17/21 19:00	T1S	XC
Soluble	Leach	DI Leach			284	02/17/21 14:58	MC	XC
Soluble	Analysis	300.0		20	290	02/17/21 19:11	A1S	XC

Client Sample ID: FS66

Lab Sample ID: 890-210-12

Date Collected: 02/17/21 10:23

Matrix: Solid

Date Received: 02/17/21 14:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			283	02/17/21 14:54	MC	XC
Total/NA	Analysis	8021B		1	289	02/17/21 23:17	PXS	XC
Total/NA	Prep	8015NM Prep			286	02/17/21 15:05	MC	XC
Total/NA	Analysis	8015B NM		1	282	02/17/21 19:58	T1S	XC
Soluble	Leach	DI Leach			284	02/17/21 14:58	MC	XC
Soluble	Analysis	300.0		20	290	02/17/21 19:28	A1S	XC

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-210-1
SDG: TE012920151

Client Sample ID: FS67

Lab Sample ID: 890-210-13

Date Collected: 02/17/21 10:24

Matrix: Solid

Date Received: 02/17/21 14:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			283	02/17/21 14:54	MC	XC
Total/NA	Analysis	8021B		1	289	02/17/21 23:39	PXS	XC
Total/NA	Prep	8015NM Prep			286	02/17/21 15:05	MC	XC
Total/NA	Analysis	8015B NM		1	282	02/17/21 20:18	T1S	XC
Soluble	Leach	DI Leach			284	02/17/21 14:58	MC	XC
Soluble	Analysis	300.0		20	290	02/17/21 19:33	A1S	XC

Client Sample ID: FS68

Lab Sample ID: 890-210-14

Date Collected: 02/17/21 10:25

Matrix: Solid

Date Received: 02/17/21 14:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			283	02/17/21 14:54	MC	XC
Total/NA	Analysis	8021B		1	289	02/18/21 00:02	PXS	XC
Total/NA	Prep	8015NM Prep			286	02/17/21 15:05	MC	XC
Total/NA	Analysis	8015B NM		1	282	02/17/21 20:37	T1S	XC
Soluble	Leach	DI Leach			284	02/17/21 14:58	MC	XC
Soluble	Analysis	300.0		1	290	02/17/21 19:51	A1S	XC

Client Sample ID: FS69

Lab Sample ID: 890-210-15

Date Collected: 02/17/21 10:26

Matrix: Solid

Date Received: 02/17/21 14:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			283	02/17/21 14:54	MC	XC
Total/NA	Analysis	8021B		1	289	02/18/21 00:24	PXS	XC
Total/NA	Prep	8015NM Prep			286	02/17/21 15:05	MC	XC
Total/NA	Analysis	8015B NM		1	282	02/17/21 20:56	T1S	XC
Soluble	Leach	DI Leach			284	02/17/21 14:58	MC	XC
Soluble	Analysis	300.0		5	290	02/17/21 19:56	A1S	XC

Client Sample ID: FS70

Lab Sample ID: 890-210-16

Date Collected: 02/17/21 10:28

Matrix: Solid

Date Received: 02/17/21 14:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			283	02/17/21 14:54	MC	XC
Total/NA	Analysis	8021B		1	289	02/18/21 01:09	PXS	XC
Total/NA	Prep	8015NM Prep			286	02/17/21 15:05	MC	XC
Total/NA	Analysis	8015B NM		1	282	02/17/21 21:35	T1S	XC
Soluble	Leach	DI Leach			284	02/17/21 14:58	MC	XC
Soluble	Analysis	300.0		1	290	02/17/21 20:02	A1S	XC

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-210-1
SDG: TE012920151

Client Sample ID: FS71

Lab Sample ID: 890-210-17

Date Collected: 02/17/21 10:30

Matrix: Solid

Date Received: 02/17/21 14:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			283	02/17/21 14:54	MC	XC
Total/NA	Analysis	8021B		1	289	02/18/21 01:31	PXS	XC
Total/NA	Prep	8015NM Prep			286	02/17/21 15:05	MC	XC
Total/NA	Analysis	8015B NM		1	282	02/17/21 21:54	T1S	XC
Soluble	Leach	DI Leach			284	02/17/21 14:58	MC	XC
Soluble	Analysis	300.0		10	290	02/17/21 20:08	A1S	XC

Client Sample ID: FS72

Lab Sample ID: 890-210-18

Date Collected: 02/17/21 10:31

Matrix: Solid

Date Received: 02/17/21 14:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			283	02/17/21 14:54	MC	XC
Total/NA	Analysis	8021B		1	289	02/18/21 01:54	PXS	XC
Total/NA	Prep	8015NM Prep			286	02/17/21 15:05	MC	XC
Total/NA	Analysis	8015B NM		1	282	02/17/21 22:14	T1S	XC
Soluble	Leach	DI Leach			284	02/17/21 14:58	MC	XC
Soluble	Analysis	300.0		1	290	02/17/21 20:13	A1S	XC

Client Sample ID: FS73

Lab Sample ID: 890-210-19

Date Collected: 02/17/21 10:33

Matrix: Solid

Date Received: 02/17/21 14:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			283	02/17/21 14:54	MC	XC
Total/NA	Analysis	8021B		1	289	02/18/21 02:16	PXS	XC
Total/NA	Prep	8015NM Prep			286	02/17/21 15:05	MC	XC
Total/NA	Analysis	8015B NM		1	282	02/17/21 22:33	T1S	XC
Soluble	Leach	DI Leach			284	02/17/21 14:58	MC	XC
Soluble	Analysis	300.0		5	290	02/17/21 20:19	A1S	XC

Client Sample ID: FS74

Lab Sample ID: 890-210-20

Date Collected: 02/17/21 10:34

Matrix: Solid

Date Received: 02/17/21 14:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			283	02/17/21 14:54	MC	XC
Total/NA	Analysis	8021B		1	289	02/18/21 02:39	PXS	XC
Total/NA	Prep	8015NM Prep			286	02/17/21 15:05	MC	XC
Total/NA	Analysis	8015B NM		1	282	02/17/21 22:52	T1S	XC
Soluble	Leach	DI Leach			284	02/17/21 14:58	MC	XC
Soluble	Analysis	300.0		5	290	02/17/21 20:25	A1S	XC

Laboratory References:

XC = Eurofins Xenco, Carlsbad, 1089 N Canal St., Carlsbad, NM 88220, TEL (575)988-3199

Eurofins Xenco, Carlsbad

Accreditation/Certification Summary

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-210-1
SDG: TE012920151

Laboratory: Eurofins Xenco, Carlsbad

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

Authority	Program	Identification Number	Expiration Date
Louisiana	NELAP	05092	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

Eurofins Xenco, Carlsbad

Method Summary

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-210-1
SDG: TE012920151

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

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:

XC = Eurofins Xenco, Carlsbad, 1089 N Canal St., Carlsbad, NM 88220, TEL (575)988-3199

Eurofins Xenco, Carlsbad

Sample Summary

Client: WSP USA Inc.
Project/Site: Corral Canyon 10

Job ID: 890-210-1
SDG: TE012920151

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
890-210-1	FS55	Solid	02/17/21 10:08	02/17/21 14:10	
890-210-2	FS56	Solid	02/17/21 10:09	02/17/21 14:10	
890-210-3	FS57	Solid	02/17/21 10:11	02/17/21 14:10	
890-210-4	FS58	Solid	02/17/21 10:12	02/17/21 14:10	
890-210-5	FS59	Solid	02/17/21 10:13	02/17/21 14:10	
890-210-6	FS60	Solid	02/17/21 10:15	02/17/21 14:10	
890-210-7	FS61	Solid	02/17/21 10:16	02/17/21 14:10	
890-210-8	FS62	Solid	02/17/21 10:18	02/17/21 14:10	
890-210-9	FS63	Solid	02/17/21 10:19	02/17/21 14:10	
890-210-10	FS64	Solid	02/17/21 10:20	02/17/21 14:10	
890-210-11	FS65	Solid	02/17/21 10:21	02/17/21 14:10	
890-210-12	FS66	Solid	02/17/21 10:23	02/17/21 14:10	
890-210-13	FS67	Solid	02/17/21 10:24	02/17/21 14:10	
890-210-14	FS68	Solid	02/17/21 10:25	02/17/21 14:10	
890-210-15	FS69	Solid	02/17/21 10:26	02/17/21 14:10	
890-210-16	FS70	Solid	02/17/21 10:28	02/17/21 14:10	
890-210-17	FS71	Solid	02/17/21 10:30	02/17/21 14:10	
890-210-18	FS72	Solid	02/17/21 10:31	02/17/21 14:10	
890-210-19	FS73	Solid	02/17/21 10:33	02/17/21 14:10	
890-210-20	FS74	Solid	02/17/21 10:34	02/17/21 14:10	

Eurofins Xenco, Carlsbad



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

www.xenco.com

Page 1 of 2

Chain of Custody

Work Order No: _____

2/19/2021

Project Manager:	Tacomca Mollisset	Bill to: (if different)	Kyle Little
Company Name:	WSP USA Inc., Permian office	Company Name:	XTO Energy
Address:	3300 North A St. Bldg 1, Unit 222	Address:	3104 E Greene St.
City, State ZIP:	Midland, TX 79705	City, State ZIP:	Carlsbad, NM
Phone:	(432) 704-5178	Email:	travis.casey@wsp.com, kalei.jennings@wsp.com, dan.moir@wsp.com

Program: ☐ UST/PST ☐ PRP ☐ Brownfields ☐ RC ☐ Superfund State of Project: NM Reporting Level: ☐ I ☐ II ☐ III ☐ IV ☐ V ☐ VI Deliverables: EDD ☐ ADAPT ☐ Other:		Work Order Comments Work Order Notes
---	--	---

Project Name:	Corral Canyon	Turn Around	10
Project Number:	TE012920151	Routine	X
P.O. Number:		Rush:	
Sampler's Name:	Travis Casey	Due Date:	

SAMPLE RECEIPT	Temp Blank:	Yes	No	Wet Ice:	Yes	No
Temperature (°C):	0.8/5.6	Thermometer ID				
Received Intact:	Yes	No	Correction Factor:	-0.2		
Cooler Custody Seals:	Yes	No	Total Containers:	20		
Sample Custody Seals:	Yes	No				

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth
-----------------------	--------	--------------	--------------	-------

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers	TPH (EPA 8015)	BTEX (EPA 8021)	Chloride (EPA 300.0)	ANALYSIS REQUEST	Work Order Notes
ES55	S	2-17-21	1008	1'	1	X	X	X		
ES56			1009		1	X	X	X		
ES57			1011		1	X	X	X		
ES58			1012		1	X	X	X		
ES59			1013		1	X	X	X		
ES60			1015		1	X	X	X		
ES61			1016		1	X	X	X		
ES62			1018		1	X	X	X		
ES63			1019		1	X	X	X		
ES64			1020		1	X	X	X		

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	Ti	Sn	U	V	Zn
Circle Method(s) and Metal(s) to be analyzed		TCLP / SPLP 6010: 8RCRA		Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Pb	Mn	Mo	Ni	Se	Ag	Ti	U										

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
		2-17-21 14:10			



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 (575-332-7550) Phoenix, AZ (480-355-0900) Atlanta, GA (770-449-8800) Tampa, FL (813-620-2000)

Chain of Custody

Work Order No: _____

www.xenco.com Page 2 of 2

2/19/2021

Project Manager:	<i>T. Acosta Morrissey</i>	Bill to: (if different)	Kyle Littell
Company Name:	WSP USA Inc., Permian office	Company Name:	XTO Energy
Address:	3300 North A St. Bldg 1, Unit 222	Address:	3104 E Greene St.
City, State ZIP:	Midland, TX 79705	City, State ZIP:	Carlsbad, NM
Phone:	(432) 704-5178	Email:	travis.casey@wsp.com, kalej.jennings@wsp.com, dan.moir@wsp.com

Work Order Comments Program: ☐ UST/PRP ☐ PRP ☐ Brownfields ☐ RC ☐ Superfund ☐ State of Project: NM Reporting Level: ☐ I ☐ II ☐ III ☐ IV ☐ V ☐ VI ☐ VII ☐ VIII ☐ IX ☐ X Deliverables: EDD ☐ ADAPT ☐ Other:	
--	--

Project Name:	<i>Comal Canyon 12</i>	Turn Around	
Project Number:	<i>TE012920151</i>	Routine	☒
P.O. Number:		Rush:	
Sampler's Name:	Travis Casey	Due Date:	

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

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number	TPH (EPA 8015)	BTEX (EPA 8021)	Chloride (EPA 8022)											Sample Comments
TS65	S	2-17-21	1921	1'	1	X	X	X											Discrete
TS66			1923		1	X	X	X											
TS67			1924		1	X	X	X											
TS68			1925		1	X	X	X											
TS69			1026		1	X	X	X											
TS70			1028		1	X	X	X											
TS71			1030		1	X	X	X											
TS72			1031		1	X	X	X											
TS73			1033		1	X	X	X											
TS74			1034		1	X	X	X											

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	Ti	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	Ti	U												

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	2-17-21 1410			

Login Sample Receipt Checklist

Client: WSP USA Inc.

Job Number: 890-210-1

SDG Number: TE012920151

Login Number: 210

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").	True	

Certificate of Analysis Summary 676812



LT Environmental, Inc., Arvada, CO

Project Name: Corral Canyon 10 East

Project Id: 012920151
Contact: Dan Moir
Project Location: Eddy County, New Mexico

Date Received in Lab: Tue 11.03.2020 15:38
Report Date: 11.05.2020 10:53
Project Manager: Jessica Kramer

Analysis Requested	Lab Id:	676812-001	676812-002	676812-003	676812-004	676812-005	676812-006
	Field Id:	SS01	SS02	SS03	SS04	SS05	SS06
	Depth:	0.5- ft	0.5- ft	0.5- ft	0.5- ft	0.5- ft	0.5- ft
	Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Sampled:	11.03.2020 10:40	11.03.2020 10:45	11.03.2020 10:50	11.03.2020 10:55	11.03.2020 11:30	11.03.2020 11:35
BTEX by EPA 8021B	Extracted:	11.03.2020 16:11	11.03.2020 16:11	11.04.2020 10:00	11.04.2020 10:00	11.04.2020 10:00	11.04.2020 10:00
	Analyzed:	11.04.2020 08:41	11.04.2020 09:03	11.04.2020 14:01	11.04.2020 14:23	11.04.2020 14:45	11.04.2020 15:08
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
	Benzene	<0.00201 0.00201	<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00198 0.00198	<0.00199 0.00199
	Toluene	<0.00201 0.00201	<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00198 0.00198	<0.00199 0.00199
Ethylbenzene		<0.00201 0.00201	<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00198 0.00198	<0.00199 0.00199
m,p-Xylenes		<0.00402 0.00402	<0.00398 0.00398	<0.00401 0.00401	<0.00399 0.00399	<0.00397 0.00397	<0.00398 0.00398
o-Xylene		<0.00201 0.00201	<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00198 0.00198	<0.00199 0.00199
Total Xylenes		<0.00201 0.00201	<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00198 0.00198	<0.00199 0.00199
Total BTEX		<0.00201 0.00201	<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00198 0.00198	<0.00199 0.00199
Chloride by EPA 300	Extracted:	11.03.2020 17:13	11.03.2020 17:13	11.03.2020 17:13	11.03.2020 17:13	11.03.2020 17:13	11.03.2020 17:13
	Analyzed:	11.03.2020 22:22	11.03.2020 22:39	11.03.2020 22:28	11.03.2020 22:33	11.03.2020 22:55	11.03.2020 23:01
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
	Chloride	10300 199	12000 200	17800 199	17700 202	12000 202	11000 201
TPH by SW8015 Mod	Extracted:	11.04.2020 13:00	11.04.2020 13:00	11.04.2020 13:00	11.04.2020 13:00	11.04.2020 13:00	11.04.2020 13:00
	Analyzed:	11.04.2020 20:09	11.04.2020 20:50	11.04.2020 21:10	11.04.2020 21:30	11.04.2020 21:50	11.04.2020 22:10
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
	Gasoline Range Hydrocarbons (GRO)	<50.0 50.0	<50.0 50.0	<50.3 50.3	<50.1 50.1	<49.8 49.8	<50.1 50.1
	Diesel Range Organics (DRO)	<50.0 50.0	<50.0 50.0	<50.3 50.3	<50.1 50.1	<49.8 49.8	<50.1 50.1
Motor Oil Range Hydrocarbons (MRO)		<50.0 50.0	<50.0 50.0	<50.3 50.3	<50.1 50.1	<49.8 49.8	<50.1 50.1
Total GRO-DRO		<50.0 50.0	<50.0 50.0	<50.3 50.3	<50.1 50.1	<49.8 49.8	<50.1 50.1
Total TPH		<50.0 50.0	<50.0 50.0	<50.3 50.3	<50.1 50.1	<49.8 49.8	<50.1 50.1

BRL - Below Reporting Limit

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Certificate of Analysis Summary 676812



LT Environmental, Inc., Arvada, CO

Project Name: Corral Canyon 10 East

Project Id: 012920151
Contact: Dan Moir
Project Location: Eddy County, New Mexico

Date Received in Lab: Tue 11.03.2020 15:38
Report Date: 11.05.2020 10:53
Project Manager: Jessica Kramer

Analysis Requested	Lab Id:	676812-007	676812-008	676812-009			
	Field Id:	SS07	SS08	SS09			
	Depth:	0.5- ft	0.5- ft	0.5- ft			
	Matrix:	SOIL	SOIL	SOIL			
	Sampled:	11.03.2020 11:40	11.03.2020 11:45	11.03.2020 11:50			
BTEX by EPA 8021B	Extracted:	11.04.2020 10:00	11.04.2020 10:00	11.04.2020 10:00			
	Analyzed:	11.04.2020 15:30	11.04.2020 15:53	11.04.2020 16:15			
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL			
		<0.00201 0.00201	<0.00200 0.00200	<0.00199 0.00199			
Benzene							
Toluene							
Ethylbenzene							
m,p-Xylenes							
o-Xylene							
Total Xylenes							
Total BTEX							
Chloride by EPA 300	Extracted:	11.03.2020 17:13	11.03.2020 17:13	11.03.2020 17:13			
	Analyzed:	11.03.2020 23:17	11.03.2020 23:23	11.03.2020 23:28			
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL			
		13100 199	11400 200	16100 199			
Chloride							
TPH by SW8015 Mod	Extracted:	11.04.2020 13:00	11.04.2020 13:00	11.04.2020 13:00			
	Analyzed:	11.04.2020 22:31	11.04.2020 22:51	11.04.2020 23:11			
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL			
		<50.1 50.1	<49.8 49.8	<50.0 50.0			
Gasoline Range Hydrocarbons (GRO)							
Diesel Range Organics (DRO)							
Motor Oil Range Hydrocarbons (MRO)							
Total GRO-DRO							
Total TPH							

BRL - Below Reporting Limit

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico



Analytical Report 676812

for

LT Environmental, Inc.

Project Manager: Dan Moir

Corral Canyon 10 East

012920151

11.05.2020

Collected By: Client

**1089 N Canal Street
Carlsbad, NM 88220**

Xenco-Houston (EPA Lab Code: TX00122):
Texas (T104704215-20-38), Arizona (AZ0765), Florida (E871002-33), Louisiana (03054)
Oklahoma (2020-014), North Carolina (681), Arkansas (20-035-0)

Xenco-Dallas (EPA Lab Code: TX01468):
Texas (T104704295-20-26), Arizona (AZ0809)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-20-18)
Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-20-23)
Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-19-21)
Xenco-Carlsbad (LELAP): Louisiana (05092)
Xenco-San Antonio (EPA Lab Code: TN102385): Texas (T104704534-20-8)
Xenco-Tampa: Florida (E87429), North Carolina (483)



11.05.2020

Project Manager: **Dan Moir**

LT Environmental, Inc.

4600 W. 60th Avenue

Arvada, CO 80003

Reference: Eurofins Xenco, LLC Report No(s): **676812**

Corral Canyon 10 East

Project Address: Eddy County, New Mexico

Dan Moir:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the Eurofins Xenco, LLC Report Number(s) 676812. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by Eurofins Xenco, LLC. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 676812 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting Eurofins Xenco, LLC to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

A handwritten signature in black ink that reads "Jessica Kramer".

Jessica Kramer

Project Manager

A Small Business and Minority Company

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

**Sample Cross Reference 676812****LT Environmental, Inc., Arvada, CO**

Corral Canyon 10 East

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SS01	S	11.03.2020 10:40	0.5 ft	676812-001
SS02	S	11.03.2020 10:45	0.5 ft	676812-002
SS03	S	11.03.2020 10:50	0.5 ft	676812-003
SS04	S	11.03.2020 10:55	0.5 ft	676812-004
SS05	S	11.03.2020 11:30	0.5 ft	676812-005
SS06	S	11.03.2020 11:35	0.5 ft	676812-006
SS07	S	11.03.2020 11:40	0.5 ft	676812-007
SS08	S	11.03.2020 11:45	0.5 ft	676812-008
SS09	S	11.03.2020 11:50	0.5 ft	676812-009



CASE NARRATIVE

Client Name: *LT Environmental, Inc.*

Project Name: *Corral Canyon 10 East*

Project ID: 012920151
Work Order Number(s): 676812

Report Date: 11.05.2020
Date Received: 11.03.2020

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None



Certificate of Analytical Results 676812

LT Environmental, Inc., Arvada, CO

Corral Canyon 10 East

Sample Id: **SS01** Matrix: Soil Date Received: 11.03.2020 15:38
 Lab Sample Id: 676812-001 Date Collected: 11.03.2020 10:40 Sample Depth: 0.5 ft
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: MAB
 Analyst: MAB Date Prep: 11.03.2020 17:13 % Moisture:
 Seq Number: 3141308 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	10300	199	mg/kg	11.03.2020 22:22		20

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
 Tech: MAB
 Analyst: CAC Date Prep: 11.04.2020 13:00 % Moisture:
 Seq Number: 3141396 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	11.04.2020 20:09	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	11.04.2020 20:09	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	11.04.2020 20:09	U	1
Total GRO-DRO	PHC628	<50.0	50.0	mg/kg	11.04.2020 20:09	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	11.04.2020 20:09	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	104	%	70-135	11.04.2020 20:09	
o-Terphenyl	84-15-1	108	%	70-135	11.04.2020 20:09	



Certificate of Analytical Results 676812

LT Environmental, Inc., Arvada, CO

Corral Canyon 10 East

Sample Id: **SS01**
Lab Sample Id: 676812-001

Matrix: Soil
Date Collected: 11.03.2020 10:40

Date Received: 11.03.2020 15:38
Sample Depth: 0.5 ft

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: MAB

Analyst: MAB

Date Prep: 11.03.2020 16:11

% Moisture:
Basis: Wet Weight

Seq Number: 3141313

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	11.04.2020 08:41	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	11.04.2020 08:41	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	11.04.2020 08:41	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	11.04.2020 08:41	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	11.04.2020 08:41	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	11.04.2020 08:41	U	1
Total BTEX		<0.00201	0.00201	mg/kg	11.04.2020 08:41	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	104	%	70-130	11.04.2020 08:41	
4-Bromofluorobenzene	460-00-4	120	%	70-130	11.04.2020 08:41	



Certificate of Analytical Results 676812

LT Environmental, Inc., Arvada, CO

Corral Canyon 10 East

Sample Id: **SS02** Matrix: Soil Date Received: 11.03.2020 15:38
 Lab Sample Id: 676812-002 Date Collected: 11.03.2020 10:45 Sample Depth: 0.5 ft
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: MAB
 Analyst: MAB Date Prep: 11.03.2020 17:13 % Moisture:
 Seq Number: 3141308 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	12000	200	mg/kg	11.03.2020 22:39		20

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
 Tech: MAB
 Analyst: CAC Date Prep: 11.04.2020 13:00 % Moisture:
 Seq Number: 3141396 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	11.04.2020 20:50	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	11.04.2020 20:50	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	11.04.2020 20:50	U	1
Total GRO-DRO	PHC628	<50.0	50.0	mg/kg	11.04.2020 20:50	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	11.04.2020 20:50	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	112	%	70-135	11.04.2020 20:50	
o-Terphenyl	84-15-1	106	%	70-135	11.04.2020 20:50	



Certificate of Analytical Results 676812

LT Environmental, Inc., Arvada, CO

Corral Canyon 10 East

Sample Id: **SS02**
Lab Sample Id: 676812-002

Matrix: Soil
Date Collected: 11.03.2020 10:45

Date Received: 11.03.2020 15:38
Sample Depth: 0.5 ft

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: MAB

Analyst: MAB

Date Prep: 11.03.2020 16:11

% Moisture:
Basis: Wet Weight

Seq Number: 3141313

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	11.04.2020 09:03	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	11.04.2020 09:03	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	11.04.2020 09:03	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	11.04.2020 09:03	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	11.04.2020 09:03	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	11.04.2020 09:03	U	1
Total BTEX		<0.00199	0.00199	mg/kg	11.04.2020 09:03	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	106	%	70-130	11.04.2020 09:03	
4-Bromofluorobenzene	460-00-4	119	%	70-130	11.04.2020 09:03	



Certificate of Analytical Results 676812

LT Environmental, Inc., Arvada, CO

Corral Canyon 10 East

Sample Id: **SS03** Matrix: Soil Date Received: 11.03.2020 15:38
 Lab Sample Id: 676812-003 Date Collected: 11.03.2020 10:50 Sample Depth: 0.5 ft
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: MAB
 Analyst: MAB Date Prep: 11.03.2020 17:13 % Moisture:
 Seq Number: 3141308 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	17800	199	mg/kg	11.03.2020 22:28		20

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
 Tech: MAB
 Analyst: CAC Date Prep: 11.04.2020 13:00 % Moisture:
 Seq Number: 3141396 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.3	50.3	mg/kg	11.04.2020 21:10	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.3	50.3	mg/kg	11.04.2020 21:10	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.3	50.3	mg/kg	11.04.2020 21:10	U	1
Total GRO-DRO	PHC628	<50.3	50.3	mg/kg	11.04.2020 21:10	U	1
Total TPH	PHC635	<50.3	50.3	mg/kg	11.04.2020 21:10	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	108	%	70-135	11.04.2020 21:10	
o-Terphenyl	84-15-1	105	%	70-135	11.04.2020 21:10	



Certificate of Analytical Results 676812

LT Environmental, Inc., Arvada, CO

Corral Canyon 10 East

Sample Id: **SS03**
Lab Sample Id: 676812-003

Matrix: Soil
Date Collected: 11.03.2020 10:50

Date Received: 11.03.2020 15:38
Sample Depth: 0.5 ft

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: MAB

Analyst: MAB

Date Prep: 11.04.2020 10:00

% Moisture:
Basis: Wet Weight

Seq Number: 3141398

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	11.04.2020 14:01	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	11.04.2020 14:01	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	11.04.2020 14:01	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	11.04.2020 14:01	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	11.04.2020 14:01	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	11.04.2020 14:01	U	1
Total BTEX		<0.00200	0.00200	mg/kg	11.04.2020 14:01	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	91	%	70-130	11.04.2020 14:01	
1,4-Difluorobenzene	540-36-3	105	%	70-130	11.04.2020 14:01	



Certificate of Analytical Results 676812

LT Environmental, Inc., Arvada, CO

Corral Canyon 10 East

Sample Id: **SS04**
Lab Sample Id: 676812-004

Matrix: Soil
Date Collected: 11.03.2020 10:55

Date Received: 11.03.2020 15:38
Sample Depth: 0.5 ft

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: MAB

Analyst: MAB

Date Prep: 11.03.2020 17:13

% Moisture:
Basis: Wet Weight

Seq Number: 3141308

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	17700	202	mg/kg	11.03.2020 22:33		20

Analytical Method: TPH by SW8015 Mod

Prep Method: SW8015P

Tech: MAB

Analyst: CAC

Date Prep: 11.04.2020 13:00

% Moisture:
Basis: Wet Weight

Seq Number: 3141396

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.1	50.1	mg/kg	11.04.2020 21:30	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.1	50.1	mg/kg	11.04.2020 21:30	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.1	50.1	mg/kg	11.04.2020 21:30	U	1
Total GRO-DRO	PHC628	<50.1	50.1	mg/kg	11.04.2020 21:30	U	1
Total TPH	PHC635	<50.1	50.1	mg/kg	11.04.2020 21:30	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	104	%	70-135	11.04.2020 21:30	
o-Terphenyl	84-15-1	101	%	70-135	11.04.2020 21:30	



Certificate of Analytical Results 676812

LT Environmental, Inc., Arvada, CO

Corral Canyon 10 East

Sample Id: **SS04**
Lab Sample Id: 676812-004

Matrix: Soil
Date Collected: 11.03.2020 10:55

Date Received: 11.03.2020 15:38
Sample Depth: 0.5 ft

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: MAB

Analyst: MAB

Date Prep: 11.04.2020 10:00

% Moisture:
Basis: Wet Weight

Seq Number: 3141398

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	11.04.2020 14:23	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	11.04.2020 14:23	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	11.04.2020 14:23	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	11.04.2020 14:23	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	11.04.2020 14:23	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	11.04.2020 14:23	U	1
Total BTEX		<0.00200	0.00200	mg/kg	11.04.2020 14:23	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	86	%	70-130	11.04.2020 14:23	
1,4-Difluorobenzene	540-36-3	102	%	70-130	11.04.2020 14:23	



Certificate of Analytical Results 676812

LT Environmental, Inc., Arvada, CO

Corral Canyon 10 East

Sample Id: **SS05** Matrix: Soil Date Received: 11.03.2020 15:38
 Lab Sample Id: 676812-005 Date Collected: 11.03.2020 11:30 Sample Depth: 0.5 ft
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: MAB
 Analyst: MAB Date Prep: 11.03.2020 17:13 % Moisture:
 Seq Number: 3141308 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	12000	202	mg/kg	11.03.2020 22:55		20

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
 Tech: MAB
 Analyst: CAC Date Prep: 11.04.2020 13:00 % Moisture:
 Seq Number: 3141396 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	11.04.2020 21:50	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	11.04.2020 21:50	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	11.04.2020 21:50	U	1
Total GRO-DRO	PHC628	<49.8	49.8	mg/kg	11.04.2020 21:50	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	11.04.2020 21:50	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	103	%	70-135	11.04.2020 21:50	
o-Terphenyl	84-15-1	98	%	70-135	11.04.2020 21:50	



Certificate of Analytical Results 676812

LT Environmental, Inc., Arvada, CO

Corral Canyon 10 East

Sample Id: **SS05**
Lab Sample Id: 676812-005

Matrix: Soil
Date Collected: 11.03.2020 11:30

Date Received: 11.03.2020 15:38
Sample Depth: 0.5 ft

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: MAB

Analyst: MAB

Date Prep: 11.04.2020 10:00

% Moisture:
Basis: Wet Weight

Seq Number: 3141398

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	11.04.2020 14:45	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	11.04.2020 14:45	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	11.04.2020 14:45	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	11.04.2020 14:45	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	11.04.2020 14:45	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	11.04.2020 14:45	U	1
Total BTEX		<0.00198	0.00198	mg/kg	11.04.2020 14:45	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	95	%	70-130	11.04.2020 14:45		
1,4-Difluorobenzene	540-36-3	104	%	70-130	11.04.2020 14:45		



Certificate of Analytical Results 676812

LT Environmental, Inc., Arvada, CO

Corral Canyon 10 East

Sample Id: **SS06** Matrix: Soil Date Received: 11.03.2020 15:38
 Lab Sample Id: 676812-006 Date Collected: 11.03.2020 11:35 Sample Depth: 0.5 ft
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: MAB
 Analyst: MAB Date Prep: 11.03.2020 17:13 % Moisture:
 Seq Number: 3141308 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	11000	201	mg/kg	11.03.2020 23:01		20

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
 Tech: MAB
 Analyst: CAC Date Prep: 11.04.2020 13:00 % Moisture:
 Seq Number: 3141396 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.1	50.1	mg/kg	11.04.2020 22:10	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.1	50.1	mg/kg	11.04.2020 22:10	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.1	50.1	mg/kg	11.04.2020 22:10	U	1
Total GRO-DRO	PHC628	<50.1	50.1	mg/kg	11.04.2020 22:10	U	1
Total TPH	PHC635	<50.1	50.1	mg/kg	11.04.2020 22:10	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	104	%	70-135	11.04.2020 22:10	
o-Terphenyl	84-15-1	99	%	70-135	11.04.2020 22:10	



Certificate of Analytical Results 676812

LT Environmental, Inc., Arvada, CO

Corral Canyon 10 East

Sample Id: **SS06**
Lab Sample Id: 676812-006

Matrix: Soil
Date Collected: 11.03.2020 11:35

Date Received: 11.03.2020 15:38
Sample Depth: 0.5 ft

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: MAB

Analyst: MAB

Date Prep: 11.04.2020 10:00

% Moisture:
Basis: Wet Weight

Seq Number: 3141398

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	11.04.2020 15:08	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	11.04.2020 15:08	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	11.04.2020 15:08	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	11.04.2020 15:08	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	11.04.2020 15:08	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	11.04.2020 15:08	U	1
Total BTEX		<0.00199	0.00199	mg/kg	11.04.2020 15:08	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	105	%	70-130	11.04.2020 15:08		
4-Bromofluorobenzene	460-00-4	90	%	70-130	11.04.2020 15:08		



Certificate of Analytical Results 676812

LT Environmental, Inc., Arvada, CO

Corral Canyon 10 East

Sample Id: **SS07** Matrix: Soil Date Received: 11.03.2020 15:38
 Lab Sample Id: 676812-007 Date Collected: 11.03.2020 11:40 Sample Depth: 0.5 ft
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: MAB
 Analyst: MAB Date Prep: 11.03.2020 17:13 % Moisture:
 Seq Number: 3141308 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	13100	199	mg/kg	11.03.2020 23:17		20

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
 Tech: MAB
 Analyst: CAC Date Prep: 11.04.2020 13:00 % Moisture:
 Seq Number: 3141396 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.1	50.1	mg/kg	11.04.2020 22:31	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.1	50.1	mg/kg	11.04.2020 22:31	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.1	50.1	mg/kg	11.04.2020 22:31	U	1
Total GRO-DRO	PHC628	<50.1	50.1	mg/kg	11.04.2020 22:31	U	1
Total TPH	PHC635	<50.1	50.1	mg/kg	11.04.2020 22:31	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	106	%	70-135	11.04.2020 22:31	
o-Terphenyl	84-15-1	100	%	70-135	11.04.2020 22:31	



Certificate of Analytical Results 676812

LT Environmental, Inc., Arvada, CO

Corral Canyon 10 East

Sample Id: **SS07**
Lab Sample Id: 676812-007

Matrix: Soil
Date Collected: 11.03.2020 11:40

Date Received: 11.03.2020 15:38
Sample Depth: 0.5 ft

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: MAB

Analyst: MAB

Date Prep: 11.04.2020 10:00

% Moisture:
Basis: Wet Weight

Seq Number: 3141398

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	11.04.2020 15:30	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	11.04.2020 15:30	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	11.04.2020 15:30	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	11.04.2020 15:30	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	11.04.2020 15:30	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	11.04.2020 15:30	U	1
Total BTEX		<0.00201	0.00201	mg/kg	11.04.2020 15:30	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	91	%	70-130	11.04.2020 15:30	
1,4-Difluorobenzene	540-36-3	104	%	70-130	11.04.2020 15:30	



Certificate of Analytical Results 676812

LT Environmental, Inc., Arvada, CO

Corral Canyon 10 East

Sample Id: **SS08** Matrix: Soil Date Received: 11.03.2020 15:38
 Lab Sample Id: 676812-008 Date Collected: 11.03.2020 11:45 Sample Depth: 0.5 ft
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: MAB
 Analyst: MAB Date Prep: 11.03.2020 17:13 % Moisture:
 Seq Number: 3141308 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	11400	200	mg/kg	11.03.2020 23:23		20

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
 Tech: MAB
 Analyst: CAC Date Prep: 11.04.2020 13:00 % Moisture:
 Seq Number: 3141396 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	11.04.2020 22:51	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	11.04.2020 22:51	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	11.04.2020 22:51	U	1
Total GRO-DRO	PHC628	<49.8	49.8	mg/kg	11.04.2020 22:51	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	11.04.2020 22:51	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	108	%	70-135	11.04.2020 22:51	
o-Terphenyl	84-15-1	102	%	70-135	11.04.2020 22:51	



Certificate of Analytical Results 676812

LT Environmental, Inc., Arvada, CO

Corral Canyon 10 East

Sample Id: **SS08**
Lab Sample Id: 676812-008

Matrix: Soil
Date Collected: 11.03.2020 11:45

Date Received: 11.03.2020 15:38
Sample Depth: 0.5 ft

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: MAB

Analyst: MAB

Date Prep: 11.04.2020 10:00

% Moisture:
Basis: Wet Weight

Seq Number: 3141398

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	11.04.2020 15:53	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	11.04.2020 15:53	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	11.04.2020 15:53	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	11.04.2020 15:53	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	11.04.2020 15:53	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	11.04.2020 15:53	U	1
Total BTEX		<0.00200	0.00200	mg/kg	11.04.2020 15:53	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	93	%	70-130	11.04.2020 15:53	
1,4-Difluorobenzene	540-36-3	105	%	70-130	11.04.2020 15:53	



Certificate of Analytical Results 676812

LT Environmental, Inc., Arvada, CO

Corral Canyon 10 East

Sample Id: **SS09** Matrix: Soil Date Received: 11.03.2020 15:38
 Lab Sample Id: 676812-009 Date Collected: 11.03.2020 11:50 Sample Depth: 0.5 ft
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: MAB
 Analyst: MAB Date Prep: 11.03.2020 17:13 % Moisture:
 Seq Number: 3141308 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	16100	199	mg/kg	11.03.2020 23:28		20

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
 Tech: MAB
 Analyst: CAC Date Prep: 11.04.2020 13:00 % Moisture:
 Seq Number: 3141396 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	11.04.2020 23:11	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	11.04.2020 23:11	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	11.04.2020 23:11	U	1
Total GRO-DRO	PHC628	<50.0	50.0	mg/kg	11.04.2020 23:11	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	11.04.2020 23:11	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	112	%	70-135	11.04.2020 23:11	
o-Terphenyl	84-15-1	106	%	70-135	11.04.2020 23:11	



Certificate of Analytical Results 676812

LT Environmental, Inc., Arvada, CO

Corral Canyon 10 East

Sample Id: **SS09**
Lab Sample Id: 676812-009

Matrix: Soil
Date Collected: 11.03.2020 11:50

Date Received: 11.03.2020 15:38
Sample Depth: 0.5 ft

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: MAB

Analyst: MAB

Date Prep: 11.04.2020 10:00

% Moisture:
Basis: Wet Weight

Seq Number: 3141398

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	11.04.2020 16:15	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	11.04.2020 16:15	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	11.04.2020 16:15	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	11.04.2020 16:15	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	11.04.2020 16:15	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	11.04.2020 16:15	U	1
Total BTEX		<0.00199	0.00199	mg/kg	11.04.2020 16:15	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	91	%	70-130	11.04.2020 16:15	
1,4-Difluorobenzene	540-36-3	104	%	70-130	11.04.2020 16:15	

Flagging Criteria

- X** In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.
- B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E** The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F** RPD exceeded lab control limits.
- J** The target analyte was positively identified below the quantitation limit and above the detection limit.
- U** Analyte was not detected.
- L** The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K** Sample analyzed outside of recommended hold time.
- JN** A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit. **ND** Not Detected.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

SMP Client Sample **BLK** Method Blank

BKS/LCS Blank Spike/Laboratory Control Sample **BKSD/LCSD** Blank Spike Duplicate/Laboratory Control Sample Duplicate

MD/SD Method Duplicate/Sample Duplicate **MS** Matrix Spike **MSD:** Matrix Spike Duplicate

+ NELAC certification not offered for this compound.

* (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation



LT Environmental, Inc.
Corral Canyon 10 East

Analytical Method: Chloride by EPA 300

Seq Number: 3141308

MB Sample Id: 7714459-1-BLK

Matrix: Solid

LCS Sample Id: 7714459-1-BKS

Prep Method: E300P

Date Prep: 11.03.2020

LCSD Sample Id: 7714459-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<10.0	250	261	104	260	104	90-110	0	20	mg/kg	11.03.2020 21:11	

Analytical Method: Chloride by EPA 300

Seq Number: 3141308

Parent Sample Id: 676786-006

Matrix: Soil

MS Sample Id: 676786-006 S

Prep Method: E300P

Date Prep: 11.03.2020

MSD Sample Id: 676786-006 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	578	200	769	96	771	97	90-110	0	20	mg/kg	11.03.2020 21:28	

Analytical Method: Chloride by EPA 300

Seq Number: 3141308

Parent Sample Id: 676812-002

Matrix: Soil

MS Sample Id: 676812-002 S

Prep Method: E300P

Date Prep: 11.03.2020

MSD Sample Id: 676812-002 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	12000	494	12500	101	12500	101	90-110	0	20	mg/kg	11.03.2020 22:44	

Analytical Method: TPH by SW8015 Mod

Seq Number: 3141396

MB Sample Id: 7714497-1-BLK

Matrix: Solid

LCS Sample Id: 7714497-1-BKS

Prep Method: SW8015P

Date Prep: 11.04.2020

LCSD Sample Id: 7714497-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<50.0	1000	968	97	934	93	70-135	4	35	mg/kg	11.04.2020 15:46	
Diesel Range Organics (DRO)	<50.0	1000	1090	109	1040	104	70-135	5	35	mg/kg	11.04.2020 15:46	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	103		132		130		70-135	%	11.04.2020 15:46
o-Terphenyl	103		108		104		70-135	%	11.04.2020 15:46

Analytical Method: TPH by SW8015 Mod

Seq Number: 3141396

Matrix: Solid

MB Sample Id: 7714497-1-BLK

Prep Method: SW8015P

Date Prep: 11.04.2020

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	11.04.2020 15:25	

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec



LT Environmental, Inc.
Corral Canyon 10 East

Analytical Method: TPH by SW8015 Mod

Seq Number: 3141396

Parent Sample Id: 676786-001

Matrix: Soil

MS Sample Id: 676786-001 S

Prep Method: SW8015P

Date Prep: 11.04.2020

MSD Sample Id: 676786-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<50.0	999	856	86	849	85	70-135	1	35	mg/kg	11.04.2020 16:46	
Diesel Range Organics (DRO)	<50.0	999	937	94	958	96	70-135	2	35	mg/kg	11.04.2020 16:46	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	122		134		70-135	%	11.04.2020 16:46
o-Terphenyl	110		115		70-135	%	11.04.2020 16:46

Analytical Method: BTEX by EPA 8021B

Seq Number: 3141313

MB Sample Id: 7714467-1-BLK

Matrix: Solid

LCS Sample Id: 7714467-1-BKS

Prep Method: SW5035A

Date Prep: 11.03.2020

LCSD Sample Id: 7714467-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.0865	87	0.0906	91	70-130	5	35	mg/kg	11.03.2020 22:56	
Toluene	<0.00200	0.100	0.0841	84	0.0865	87	70-130	3	35	mg/kg	11.03.2020 22:56	
Ethylbenzene	<0.00200	0.100	0.0856	86	0.0907	91	71-129	6	35	mg/kg	11.03.2020 22:56	
m,p-Xylenes	<0.00400	0.200	0.175	88	0.185	93	70-135	6	35	mg/kg	11.03.2020 22:56	
o-Xylene	<0.00200	0.100	0.0876	88	0.0889	89	71-133	1	35	mg/kg	11.03.2020 22:56	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	102		97		102		70-130	%	11.03.2020 22:56
4-Bromofluorobenzene	108		104		110		70-130	%	11.03.2020 22:56

Analytical Method: BTEX by EPA 8021B

Seq Number: 3141398

MB Sample Id: 7714469-1-BLK

Matrix: Solid

LCS Sample Id: 7714469-1-BKS

Prep Method: SW5035A

Date Prep: 11.04.2020

LCSD Sample Id: 7714469-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.0966	97	0.0913	91	70-130	6	35	mg/kg	11.04.2020 11:35	
Toluene	<0.00200	0.100	0.0943	94	0.0898	90	70-130	5	35	mg/kg	11.04.2020 11:35	
Ethylbenzene	<0.00200	0.100	0.0874	87	0.0835	84	71-129	5	35	mg/kg	11.04.2020 11:35	
m,p-Xylenes	<0.00400	0.200	0.176	88	0.168	84	70-135	5	35	mg/kg	11.04.2020 11:35	
o-Xylene	<0.00200	0.100	0.0864	86	0.0828	83	71-133	4	35	mg/kg	11.04.2020 11:35	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	103		100		100		70-130	%	11.04.2020 11:35
4-Bromofluorobenzene	88		86		84		70-130	%	11.04.2020 11:35

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec



LT Environmental, Inc.
Corral Canyon 10 East

Analytical Method: BTEX by EPA 8021B

Seq Number: 3141313

Parent Sample Id: 676778-009

Matrix: Soil

MS Sample Id: 676778-009 S

Prep Method: SW5035A

Date Prep: 11.03.2020

MSD Sample Id: 676778-009 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00199	0.0994	0.100	101	0.108	108	70-130	8	35	mg/kg	11.03.2020 23:41	
Toluene	<0.00199	0.0994	0.0891	90	0.0983	99	70-130	10	35	mg/kg	11.03.2020 23:41	
Ethylbenzene	<0.00199	0.0994	0.0862	87	0.100	100	71-129	15	35	mg/kg	11.03.2020 23:41	
m,p-Xylenes	<0.00398	0.199	0.173	87	0.203	102	70-135	16	35	mg/kg	11.03.2020 23:41	
o-Xylene	<0.00199	0.0994	0.0918	92	0.102	102	71-133	11	35	mg/kg	11.03.2020 23:41	

Surrogate

	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	99		104		70-130	%	11.03.2020 23:41
4-Bromofluorobenzene	110		111		70-130	%	11.03.2020 23:41

Analytical Method: BTEX by EPA 8021B

Seq Number: 3141398

Parent Sample Id: 676812-003

Matrix: Soil

MS Sample Id: 676812-003 S

Prep Method: SW5035A

Date Prep: 11.04.2020

MSD Sample Id: 676812-003 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00201	0.101	0.0849	84	0.0877	88	70-130	3	35	mg/kg	11.04.2020 13:38	
Toluene	<0.00201	0.101	0.0867	86	0.0856	86	70-130	1	35	mg/kg	11.04.2020 13:38	
Ethylbenzene	<0.00201	0.101	0.0806	80	0.0786	79	71-129	3	35	mg/kg	11.04.2020 13:38	
m,p-Xylenes	<0.00402	0.201	0.162	81	0.157	78	70-135	3	35	mg/kg	11.04.2020 13:38	
o-Xylene	<0.00201	0.101	0.0785	78	0.0764	76	71-133	3	35	mg/kg	11.04.2020 13:38	

Surrogate

	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	96		99		70-130	%	11.04.2020 13:38
4-Bromofluorobenzene	82		81		70-130	%	11.04.2020 13:38

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec



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)

Chain of Custody

Work Order No: 676812

www.xenco.com

Page 1 of 1

Project Manager:	Dan Moir	Bill to: (if different)	Kyle Litrell
Company Name:	LT Environmental, Inc., Permian office	Company Name:	XTO Energy
Address:	3300 North A Street	Address:	522 West Mermond
City, State ZIP:	Midland, Tx 79705	City, State ZIP:	Carlsbad, NM 88220
Phone:	(432) 236-3849	Email:	enaka@ltenv.com, dmoir@ltenv.com

Work Order Comments	
Program: UST/PST	☐ RP ☐ Growfields ☐ RC ☐ \$perfund
State of Project:	
Reporting Level II	☐ Level III ☐ \$T/UST ☐ RP ☐ Level IV
Deliverables: EDD	☐ ADAPT ☐ Other:

Project Name:	Corral Canyon 10 East	Turn Around	
Project Number:	012920151	Routine	X
P.O. Number:		Rush:	
Sampler's Name:	Elizabeth Naka	Due Date:	

SAMPLE RECEIPT	Temp Blank:	☒ Yes ☐ No	Wet Ice:	☒ Yes ☐ No
Temperature (°C):	3.2 / 3.0	Thermometer ID		
Received In tact:	☒ Yes ☐ No	Correction Factor: -0.2		
Cooler Custody Seals:	☒ Yes ☐ No	Total Containers: 9		
Sample Custody Seals:	☒ Yes ☐ No			

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers			ANALYSIS REQUEST										Work Order Notes	
								TPH (EPA 8015)											
								BTEX (EPA 0-8021)											
								Chloride (EPA 300.0)											
SS01	S	11/03/10	1040	0.5'	1	X	X	X											
SS02																			
SS03																			
SS04																			
SS05																			
SS06																			
SS07																			
SS08																			
SS09																			

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 Ti 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 Ti 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
<i>Elmer Naka</i>	<i>Elmer Naka</i>	11-3-26 15:38 ²			

Eurofins Xenco, LLC

Prelogin/Nonconformance Report- Sample Log-In

Client: LT Environmental, Inc.

Date/ Time Received: 11.03.2020 03.38.00 PM

Work Order #: 676812

Acceptable Temperature Range: 0 - 6 degC

Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : T_NM_007

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	3
#2 *Shipping container in good condition?	Yes
#3 *Samples received on ice?	Yes
#4 *Custody Seals intact on shipping container/ cooler?	Yes
#5 Custody Seals intact on sample bottles?	Yes
#6 *Custody Seals Signed and dated?	Yes
#7 *Chain of Custody present?	Yes
#8 Any missing/extra samples?	No
#9 Chain of Custody signed when relinquished/ received?	Yes
#10 Chain of Custody agrees with sample labels/matrix?	Yes
#11 Container label(s) legible and intact?	Yes
#12 Samples in proper container/ bottle?	Yes
#13 Samples properly preserved?	Yes
#14 Sample container(s) intact?	Yes
#15 Sufficient sample amount for indicated test(s)?	Yes
#16 All samples received within hold time?	Yes
#17 Subcontract of sample(s)?	No
#18 Water VOC samples have zero headspace?	N/A

Samples received in bulk containers.

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst:

PH Device/Lot#:

Checklist completed by:



Cloe Clifton

Date: 11.03.2020

Checklist reviewed by:



Jessica Kramer

Date: 11.04.2020



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 890-407-1

Client Project/Site: Corral Canyon 10 East

For:

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

Attn: Dan Moir

A handwritten signature in black ink that reads "Jessica Kramer".

Authorized for release by:
4/9/2021 4:27:27 PM

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

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:

www.eurofinsus.com/Env

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: Corral Canyon 10 East

Laboratory Job ID: 890-407-1

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Client Sample Results	5
Surrogate Summary	15
QC Sample Results	17
QC Association Summary	23
Lab Chronicle	27
Certification Summary	31
Method Summary	32
Sample Summary	33
Chain of Custody	34
Receipt Checklists	38

1

2

3

4

5

6

7

8

9

10

11

12

13

14

Definitions/Glossary

Client: WSP USA Inc.
Project/Site: Corral Canyon 10 East

Job ID: 890-407-1

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance 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.
α	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: Corral Canyon 10 East

Job ID: 890-407-1

Job ID: 890-407-1

Laboratory: Eurofins Xenco, Carlsbad

Narrative

Job Narrative
890-407-1

Receipt

The samples were received on 3/22/2021 4:50 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.0°C

Receipt Exceptions

The following samples analyzed for method BTEX were received and analyzed from an unpreserved bulk soil jar: PH01 (890-407-1), PH01A (890-407-2), PH02 (890-407-3), PH02A (890-407-4), PH03 (890-407-5), PH03A (890-407-6), PH04 (890-407-7), PH04A (890-407-8), PH05 (890-407-9), PH05A (890-407-10), PH06 (890-407-11), PH06A (890-407-12), BH01 (890-407-13) and BH01 A (890-407-14).

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10 East

Job ID: 890-407-1

Client Sample ID: PH01

Lab Sample ID: 890-407-1

Date Collected: 03/22/21 10:20

Matrix: Solid

Date Received: 03/22/21 16:50

Sample Depth: - 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0829		0.00200	mg/Kg		03/31/21 12:11	04/02/21 12:01	1
Ethylbenzene	0.0846		0.00200	mg/Kg		03/31/21 12:11	04/02/21 12:01	1
Toluene	0.0891		0.00200	mg/Kg		03/31/21 12:11	04/02/21 12:01	1
Total BTEX	0.521		0.00200	mg/Kg		03/31/21 12:11	04/02/21 12:01	1
Xylenes, Total	0.264		0.00399	mg/Kg		03/31/21 12:11	04/02/21 12:01	1
m-Xylene & p-Xylene	0.171		0.00399	mg/Kg		03/31/21 12:11	04/02/21 12:01	1
o-Xylene	0.0934		0.00200	mg/Kg		03/31/21 12:11	04/02/21 12:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	03/31/21 12:11	04/02/21 12:01	1
4-Bromofluorobenzene (Surr)	99		70 - 130	03/31/21 12:11	04/02/21 12:26	1
4-Bromofluorobenzene (Surr)	109		70 - 130	03/31/21 12:11	04/02/21 14:10	1
1,4-Difluorobenzene (Surr)	101		70 - 130	03/31/21 12:11	04/02/21 12:01	1
1,4-Difluorobenzene (Surr)	108		70 - 130	03/31/21 12:11	04/02/21 12:26	1
1,4-Difluorobenzene (Surr)	89		70 - 130	03/31/21 12:11	04/02/21 14:10	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		04/03/21 09:58	04/04/21 14:05	1
Total TPH	<49.9	U	49.9	mg/Kg		04/03/21 09:58	04/04/21 14:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/03/21 09:58	04/04/21 14:05	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/03/21 09:58	04/04/21 14:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130	04/03/21 09:58	04/04/21 14:05	1
o-Terphenyl	106		70 - 130	04/03/21 09:58	04/04/21 14:05	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	166		25.3	mg/Kg			04/08/21 22:41	5

Client Sample ID: PH01A

Lab Sample ID: 890-407-2

Date Collected: 03/22/21 10:25

Matrix: Solid

Date Received: 03/22/21 16:50

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		03/31/21 12:11	04/02/21 14:35	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		03/31/21 12:11	04/02/21 14:35	1
Toluene	<0.00200	U	0.00200	mg/Kg		03/31/21 12:11	04/02/21 14:35	1
Total BTEX	<0.00200	U	0.00200	mg/Kg		03/31/21 12:11	04/02/21 14:35	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		03/31/21 12:11	04/02/21 14:35	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		03/31/21 12:11	04/02/21 14:35	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		03/31/21 12:11	04/02/21 14:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	03/31/21 12:11	04/02/21 14:35	1
1,4-Difluorobenzene (Surr)	97		70 - 130	03/31/21 12:11	04/02/21 14:35	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10 East

Job ID: 890-407-1

Client Sample ID: PH01A

Lab Sample ID: 890-407-2

Date Collected: 03/22/21 10:25

Matrix: Solid

Date Received: 03/22/21 16:50

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		04/03/21 09:58	04/04/21 15:08	1
Total TPH	<49.9	U	49.9	mg/Kg		04/03/21 09:58	04/04/21 15:08	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/03/21 09:58	04/04/21 15:08	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/03/21 09:58	04/04/21 15:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130	04/03/21 09:58	04/04/21 15:08	1
o-Terphenyl	111		70 - 130	04/03/21 09:58	04/04/21 15:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	144		5.04	mg/Kg			04/08/21 22:57	1

Client Sample ID: PH02

Lab Sample ID: 890-407-3

Date Collected: 03/22/21 10:35

Matrix: Solid

Date Received: 03/22/21 16:50

Sample Depth: - 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		03/31/21 12:11	04/02/21 15:00	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		03/31/21 12:11	04/02/21 15:00	1
Toluene	<0.00201	U	0.00201	mg/Kg		03/31/21 12:11	04/02/21 15:00	1
Total BTEX	<0.00201	U	0.00201	mg/Kg		03/31/21 12:11	04/02/21 15:00	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		03/31/21 12:11	04/02/21 15:00	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		03/31/21 12:11	04/02/21 15:00	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		03/31/21 12:11	04/02/21 15:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	03/31/21 12:11	04/02/21 15:00	1
1,4-Difluorobenzene (Surr)	101		70 - 130	03/31/21 12:11	04/02/21 15:00	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		04/03/21 09:58	04/04/21 15:30	1
Total TPH	<49.9	U	49.9	mg/Kg		04/03/21 09:58	04/04/21 15:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/03/21 09:58	04/04/21 15:30	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/03/21 09:58	04/04/21 15:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130	04/03/21 09:58	04/04/21 15:30	1
o-Terphenyl	113		70 - 130	04/03/21 09:58	04/04/21 15:30	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	193		25.2	mg/Kg			04/08/21 23:03	5

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10 East

Job ID: 890-407-1

Client Sample ID: PH02A

Lab Sample ID: 890-407-4

Date Collected: 03/22/21 10:40

Matrix: Solid

Date Received: 03/22/21 16:50

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		03/31/21 12:11	04/02/21 16:09	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		03/31/21 12:11	04/02/21 16:09	1
Toluene	<0.00201	U	0.00201	mg/Kg		03/31/21 12:11	04/02/21 16:09	1
Total BTEX	<0.00201	U	0.00201	mg/Kg		03/31/21 12:11	04/02/21 16:09	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		03/31/21 12:11	04/02/21 16:09	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		03/31/21 12:11	04/02/21 16:09	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		03/31/21 12:11	04/02/21 16:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	03/31/21 12:11	04/02/21 16:09	1
1,4-Difluorobenzene (Surr)	99		70 - 130	03/31/21 12:11	04/02/21 16:09	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		04/03/21 09:58	04/04/21 15:52	1
Total TPH	<50.0	U	50.0	mg/Kg		04/03/21 09:58	04/04/21 15:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/03/21 09:58	04/04/21 15:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/03/21 09:58	04/04/21 15:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130	04/03/21 09:58	04/04/21 15:52	1
o-Terphenyl	104		70 - 130	04/03/21 09:58	04/04/21 15:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	73.4		4.97	mg/Kg			04/08/21 23:08	1

Client Sample ID: PH03

Lab Sample ID: 890-407-5

Date Collected: 03/22/21 10:50

Matrix: Solid

Date Received: 03/22/21 16:50

Sample Depth: - 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		03/31/21 12:11	04/02/21 16:34	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		03/31/21 12:11	04/02/21 16:34	1
Toluene	<0.00202	U	0.00202	mg/Kg		03/31/21 12:11	04/02/21 16:34	1
Total BTEX	<0.00202	U	0.00202	mg/Kg		03/31/21 12:11	04/02/21 16:34	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		03/31/21 12:11	04/02/21 16:34	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		03/31/21 12:11	04/02/21 16:34	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		03/31/21 12:11	04/02/21 16:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	03/31/21 12:11	04/02/21 16:34	1
1,4-Difluorobenzene (Surr)	106		70 - 130	03/31/21 12:11	04/02/21 16:34	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10 East

Job ID: 890-407-1

Client Sample ID: PH03

Lab Sample ID: 890-407-5

Date Collected: 03/22/21 10:50

Matrix: Solid

Date Received: 03/22/21 16:50

Sample Depth: - 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		04/03/21 09:58	04/04/21 16:13	1
Total TPH	<50.0	U	50.0	mg/Kg		04/03/21 09:58	04/04/21 16:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/03/21 09:58	04/04/21 16:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/03/21 09:58	04/04/21 16:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130	04/03/21 09:58	04/04/21 16:13	1
o-Terphenyl	112		70 - 130	04/03/21 09:58	04/04/21 16:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	342		4.96	mg/Kg			04/08/21 23:14	1

Client Sample ID: PH03A

Lab Sample ID: 890-407-6

Date Collected: 03/22/21 10:55

Matrix: Solid

Date Received: 03/22/21 16:50

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		03/31/21 12:11	04/02/21 16:59	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		03/31/21 12:11	04/02/21 16:59	1
Toluene	<0.00202	U	0.00202	mg/Kg		03/31/21 12:11	04/02/21 16:59	1
Total BTEX	<0.00202	U	0.00202	mg/Kg		03/31/21 12:11	04/02/21 16:59	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		03/31/21 12:11	04/02/21 16:59	1
m-Xylene & p-Xylene	<0.00403	U	0.00403	mg/Kg		03/31/21 12:11	04/02/21 16:59	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		03/31/21 12:11	04/02/21 16:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	03/31/21 12:11	04/02/21 16:59	1
1,4-Difluorobenzene (Surr)	104		70 - 130	03/31/21 12:11	04/02/21 16:59	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		04/03/21 09:58	04/04/21 16:35	1
Total TPH	<49.9	U	49.9	mg/Kg		04/03/21 09:58	04/04/21 16:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/03/21 09:58	04/04/21 16:35	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/03/21 09:58	04/04/21 16:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	04/03/21 09:58	04/04/21 16:35	1
o-Terphenyl	105		70 - 130	04/03/21 09:58	04/04/21 16:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.1		4.97	mg/Kg			04/08/21 23:20	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10 East

Job ID: 890-407-1

Client Sample ID: PH04

Lab Sample ID: 890-407-7

Date Collected: 03/22/21 11:05

Matrix: Solid

Date Received: 03/22/21 16:50

Sample Depth: - 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		03/31/21 12:11	04/02/21 17:24	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		03/31/21 12:11	04/02/21 17:24	1
Toluene	<0.00200	U	0.00200	mg/Kg		03/31/21 12:11	04/02/21 17:24	1
Total BTEX	<0.00200	U	0.00200	mg/Kg		03/31/21 12:11	04/02/21 17:24	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		03/31/21 12:11	04/02/21 17:24	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		03/31/21 12:11	04/02/21 17:24	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		03/31/21 12:11	04/02/21 17:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	03/31/21 12:11	04/02/21 17:24	1
1,4-Difluorobenzene (Surr)	102		70 - 130	03/31/21 12:11	04/02/21 17:24	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		04/03/21 09:58	04/04/21 16:56	1
Total TPH	<49.9	U	49.9	mg/Kg		04/03/21 09:58	04/04/21 16:56	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/03/21 09:58	04/04/21 16:56	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/03/21 09:58	04/04/21 16:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	04/03/21 09:58	04/04/21 16:56	1
o-Terphenyl	111		70 - 130	04/03/21 09:58	04/04/21 16:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1110		4.98	mg/Kg			04/08/21 20:17	1

Client Sample ID: PH04A

Lab Sample ID: 890-407-8

Date Collected: 03/22/21 11:10

Matrix: Solid

Date Received: 03/22/21 16:50

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		03/31/21 12:11	04/02/21 17:50	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		03/31/21 12:11	04/02/21 17:50	1
Toluene	<0.00200	U	0.00200	mg/Kg		03/31/21 12:11	04/02/21 17:50	1
Total BTEX	<0.00200	U	0.00200	mg/Kg		03/31/21 12:11	04/02/21 17:50	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		03/31/21 12:11	04/02/21 17:50	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		03/31/21 12:11	04/02/21 17:50	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		03/31/21 12:11	04/02/21 17:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	03/31/21 12:11	04/02/21 17:50	1
1,4-Difluorobenzene (Surr)	102		70 - 130	03/31/21 12:11	04/02/21 17:50	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10 East

Job ID: 890-407-1

Client Sample ID: PH04A

Lab Sample ID: 890-407-8

Date Collected: 03/22/21 11:10

Matrix: Solid

Date Received: 03/22/21 16:50

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	<49.8	U **	49.8	mg/Kg		04/03/21 09:58	04/04/21 17:18	1
Total TPH	<49.8	U	49.8	mg/Kg		04/03/21 09:58	04/04/21 17:18	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		04/03/21 09:58	04/04/21 17:18	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		04/03/21 09:58	04/04/21 17:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130			04/03/21 09:58	04/04/21 17:18	1
o-Terphenyl	115		70 - 130			04/03/21 09:58	04/04/21 17:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.4		4.95	mg/Kg			04/07/21 23:20	1

Client Sample ID: PH05

Lab Sample ID: 890-407-9

Date Collected: 03/22/21 11:20

Matrix: Solid

Date Received: 03/22/21 16:50

Sample Depth: - 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		03/31/21 12:11	04/02/21 18:15	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		03/31/21 12:11	04/02/21 18:15	1
Toluene	<0.00199	U	0.00199	mg/Kg		03/31/21 12:11	04/02/21 18:15	1
Total BTEX	<0.00199	U	0.00199	mg/Kg		03/31/21 12:11	04/02/21 18:15	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		03/31/21 12:11	04/02/21 18:15	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		03/31/21 12:11	04/02/21 18:15	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		03/31/21 12:11	04/02/21 18:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130			03/31/21 12:11	04/02/21 18:15	1
1,4-Difluorobenzene (Surr)	100		70 - 130			03/31/21 12:11	04/02/21 18:15	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		04/03/21 09:58	04/04/21 17:40	1
Total TPH	<50.0	U	50.0	mg/Kg		04/03/21 09:58	04/04/21 17:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/03/21 09:58	04/04/21 17:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/03/21 09:58	04/04/21 17:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130			04/03/21 09:58	04/04/21 17:40	1
o-Terphenyl	92		70 - 130			04/03/21 09:58	04/04/21 17:40	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	256		4.96	mg/Kg			04/07/21 23:25	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10 East

Job ID: 890-407-1

Client Sample ID: PH05A

Lab Sample ID: 890-407-10

Date Collected: 03/22/21 11:25

Matrix: Solid

Date Received: 03/22/21 16:50

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		03/31/21 12:11	04/02/21 18:40	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		03/31/21 12:11	04/02/21 18:40	1
Toluene	<0.00199	U	0.00199	mg/Kg		03/31/21 12:11	04/02/21 18:40	1
Total BTEX	<0.00199	U	0.00199	mg/Kg		03/31/21 12:11	04/02/21 18:40	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		03/31/21 12:11	04/02/21 18:40	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		03/31/21 12:11	04/02/21 18:40	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		03/31/21 12:11	04/02/21 18:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	03/31/21 12:11	04/02/21 18:40	1
1,4-Difluorobenzene (Surr)	102		70 - 130	03/31/21 12:11	04/02/21 18:40	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		04/03/21 09:58	04/04/21 18:01	1
Total TPH	<49.9	U	49.9	mg/Kg		04/03/21 09:58	04/04/21 18:01	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/03/21 09:58	04/04/21 18:01	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/03/21 09:58	04/04/21 18:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130	04/03/21 09:58	04/04/21 18:01	1
o-Terphenyl	111		70 - 130	04/03/21 09:58	04/04/21 18:01	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	67.7		4.99	mg/Kg			04/07/21 23:30	1

Client Sample ID: PH06

Lab Sample ID: 890-407-11

Date Collected: 03/22/21 11:35

Matrix: Solid

Date Received: 03/22/21 16:50

Sample Depth: - 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		03/31/21 12:11	04/02/21 20:23	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		03/31/21 12:11	04/02/21 20:23	1
Toluene	<0.00200	U	0.00200	mg/Kg		03/31/21 12:11	04/02/21 20:23	1
Total BTEX	<0.00200	U	0.00200	mg/Kg		03/31/21 12:11	04/02/21 20:23	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		03/31/21 12:11	04/02/21 20:23	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		03/31/21 12:11	04/02/21 20:23	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		03/31/21 12:11	04/02/21 20:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	03/31/21 12:11	04/02/21 20:23	1
1,4-Difluorobenzene (Surr)	92		70 - 130	03/31/21 12:11	04/02/21 20:23	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10 East

Job ID: 890-407-1

Client Sample ID: PH06

Lab Sample ID: 890-407-11

Date Collected: 03/22/21 11:35

Matrix: Solid

Date Received: 03/22/21 16:50

Sample Depth: - 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		04/03/21 09:58	04/04/21 18:45	1
Total TPH	<49.7	U	49.7	mg/Kg		04/03/21 09:58	04/04/21 18:45	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7	mg/Kg		04/03/21 09:58	04/04/21 18:45	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7	mg/Kg		04/03/21 09:58	04/04/21 18:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130	04/03/21 09:58	04/04/21 18:45	1
o-Terphenyl	110		70 - 130	04/03/21 09:58	04/04/21 18:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	316		4.97	mg/Kg			04/07/21 23:35	1

Client Sample ID: PH06A

Lab Sample ID: 890-407-12

Date Collected: 03/22/21 11:40

Matrix: Solid

Date Received: 03/22/21 16:50

Sample Depth: - 2'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		03/31/21 12:11	04/02/21 20:48	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		03/31/21 12:11	04/02/21 20:48	1
Toluene	<0.00198	U	0.00198	mg/Kg		03/31/21 12:11	04/02/21 20:48	1
Total BTEX	<0.00198	U	0.00198	mg/Kg		03/31/21 12:11	04/02/21 20:48	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		03/31/21 12:11	04/02/21 20:48	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		03/31/21 12:11	04/02/21 20:48	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		03/31/21 12:11	04/02/21 20:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	03/31/21 12:11	04/02/21 20:48	1
1,4-Difluorobenzene (Surr)	104		70 - 130	03/31/21 12:11	04/02/21 20:48	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		04/03/21 09:58	04/04/21 19:06	1
Total TPH	<49.9	U	49.9	mg/Kg		04/03/21 09:58	04/04/21 19:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/03/21 09:58	04/04/21 19:06	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/03/21 09:58	04/04/21 19:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130	04/03/21 09:58	04/04/21 19:06	1
o-Terphenyl	122		70 - 130	04/03/21 09:58	04/04/21 19:06	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	353		4.98	mg/Kg			04/07/21 23:40	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10 East

Job ID: 890-407-1

Client Sample ID: BH01

Lab Sample ID: 890-407-13

Date Collected: 03/22/21 12:40

Matrix: Solid

Date Received: 03/22/21 16:50

Sample Depth: - 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		03/31/21 12:11	04/02/21 21:39	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		03/31/21 12:11	04/02/21 21:39	1
Toluene	<0.00198	U	0.00198	mg/Kg		03/31/21 12:11	04/02/21 21:39	1
Total BTEX	<0.00198	U	0.00198	mg/Kg		03/31/21 12:11	04/02/21 21:39	1
Xylenes, Total	<0.00397	U	0.00397	mg/Kg		03/31/21 12:11	04/02/21 21:39	1
m-Xylene & p-Xylene	<0.00397	U	0.00397	mg/Kg		03/31/21 12:11	04/02/21 21:39	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		03/31/21 12:11	04/02/21 21:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	03/31/21 12:11	04/02/21 21:39	1
1,4-Difluorobenzene (Surr)	105		70 - 130	03/31/21 12:11	04/02/21 21:39	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		04/03/21 09:58	04/04/21 19:28	1
Total TPH	<49.8	U	49.8	mg/Kg		04/03/21 09:58	04/04/21 19:28	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		04/03/21 09:58	04/04/21 19:28	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		04/03/21 09:58	04/04/21 19:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130	04/03/21 09:58	04/04/21 19:28	1
o-Terphenyl	113		70 - 130	04/03/21 09:58	04/04/21 19:28	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	35.3		5.05	mg/Kg			04/07/21 23:45	1

Client Sample ID: BH01 A

Lab Sample ID: 890-407-14

Date Collected: 03/22/21 12:50

Matrix: Solid

Date Received: 03/22/21 16:50

Sample Depth: - 1.5'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		03/31/21 12:11	04/02/21 22:04	1
Ethylbenzene	0.00214		0.00200	mg/Kg		03/31/21 12:11	04/02/21 22:04	1
Toluene	<0.00200	U	0.00200	mg/Kg		03/31/21 12:11	04/02/21 22:04	1
Total BTEX	0.00214		0.00200	mg/Kg		03/31/21 12:11	04/02/21 22:04	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		03/31/21 12:11	04/02/21 22:04	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		03/31/21 12:11	04/02/21 22:04	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		03/31/21 12:11	04/02/21 22:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	03/31/21 12:11	04/02/21 22:04	1
1,4-Difluorobenzene (Surr)	92		70 - 130	03/31/21 12:11	04/02/21 22:04	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10 East

Job ID: 890-407-1

Client Sample ID: BH01 A

Lab Sample ID: 890-407-14

Date Collected: 03/22/21 12:50

Matrix: Solid

Date Received: 03/22/21 16:50

Sample Depth: - 1.5'

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1	mg/Kg		04/01/21 16:36	04/02/21 09:54	1
Total TPH	<50.1	U	50.1	mg/Kg		04/01/21 16:36	04/02/21 09:54	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1	mg/Kg		04/01/21 16:36	04/02/21 09:54	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1	mg/Kg		04/01/21 16:36	04/02/21 09:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130	04/01/21 16:36	04/02/21 09:54	1
o-Terphenyl	89		70 - 130	04/01/21 16:36	04/02/21 09:54	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4360		24.9	mg/Kg			04/08/21 00:00	5

Eurofins Xenco, Carlsbad

Surrogate Summary

Client: WSP USA Inc.
Project/Site: Corral Canyon 10 East

Job ID: 890-407-1

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-407-1	PH01	109	89
890-407-1	PH01	103	101
890-407-1	PH01	99	108
890-407-2	PH01A	99	97
890-407-3	PH02	104	101
890-407-4	PH02A	113	99
890-407-5	PH03	116	106
890-407-6	PH03A	110	104
890-407-7	PH04	111	102
890-407-8	PH04A	114	102
890-407-9	PH05	110	100
890-407-10	PH05A	110	102
890-407-11	PH06	112	92
890-407-12	PH06A	108	104
890-407-13	BH01	119	105
890-407-14	BH01 A	119	92
LCS 880-1104/1-A	Lab Control Sample	89	106
LCS 880-1114/1-A	Lab Control Sample	88	91
LCSD 880-1104/2-A	Lab Control Sample Dup	107	108
LCSD 880-1114/2-A	Lab Control Sample Dup	110	105
MB 880-1104/5-A	Method Blank	70	83
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)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-407-1	PH01	101	106
890-407-1 MS	PH01	113	107
890-407-1 MSD	PH01	117	113
890-407-2	PH01A	114	111
890-407-3	PH02	111	113
890-407-4	PH02A	106	104
890-407-5	PH03	113	112
890-407-6	PH03A	107	105
890-407-7	PH04	107	111
890-407-8	PH04A	110	115
890-407-9	PH05	91	92
890-407-10	PH05A	118	111
890-407-11	PH06	108	110
890-407-12	PH06A	119	122
890-407-13	BH01	116	113
890-407-14	BH01 A	90	89
LCS 880-1211/2-A	Lab Control Sample	105	92
LCS 880-1266/2-A	Lab Control Sample	130	124

Eurofins Xenco, Carlsbad

Surrogate Summary

Client: WSP USA Inc.

Job ID: 890-407-1

Project/Site: Corral Canyon 10 East

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
LCSD 880-1211/3-A	Lab Control Sample Dup	105	90
LCSD 880-1266/3-A	Lab Control Sample Dup	130	121
MB 880-1211/1-A	Method Blank	104	104
MB 880-1266/1-A	Method Blank	99	101
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

Eurofins Xenco, Carlsbad

QC Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10 East

Job ID: 890-407-1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-1104/5-A

Matrix: Solid

Analysis Batch: 1233

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1104

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		03/31/21 12:11	04/02/21 13:44	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		03/31/21 12:11	04/02/21 13:44	1
Toluene	<0.00200	U	0.00200	mg/Kg		03/31/21 12:11	04/02/21 13:44	1
Total BTEX	<0.00200	U	0.00200	mg/Kg		03/31/21 12:11	04/02/21 13:44	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		03/31/21 12:11	04/02/21 13:44	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		03/31/21 12:11	04/02/21 13:44	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		03/31/21 12:11	04/02/21 13:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	70		70 - 130	03/31/21 12:11	04/02/21 13:44	1
1,4-Difluorobenzene (Surr)	83		70 - 130	03/31/21 12:11	04/02/21 13:44	1

Lab Sample ID: LCS 880-1104/1-A

Matrix: Solid

Analysis Batch: 1233

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1104

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09863		mg/Kg		99	70 - 130
Ethylbenzene	0.100	0.1020		mg/Kg		102	70 - 130
Toluene	0.100	0.1088		mg/Kg		109	70 - 130
m-Xylene & p-Xylene	0.200	0.2057		mg/Kg		103	70 - 130
o-Xylene	0.100	0.1108		mg/Kg		111	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	89		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: LCSD 880-1104/2-A

Matrix: Solid

Analysis Batch: 1233

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1104

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.1057		mg/Kg		106	70 - 130	7	35
Ethylbenzene	0.100	0.1119		mg/Kg		112	70 - 130	9	35
Toluene	0.100	0.1158		mg/Kg		116	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.2277		mg/Kg		114	70 - 130	10	35
o-Xylene	0.100	0.1254		mg/Kg		125	70 - 130	12	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: LCS 880-1114/1-A

Matrix: Solid

Analysis Batch: 1233

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1114

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.08721		mg/Kg		87	70 - 130

Eurofins Xenco, Carlsbad

QC Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10 East

Job ID: 890-407-1

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

Lab Sample ID: LCS 880-1114/1-A

Matrix: Solid

Analysis Batch: 1233

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1114

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	0.100	0.08365		mg/Kg		84	70 - 130
Toluene	0.100	0.08112		mg/Kg		81	70 - 130
m-Xylene & p-Xylene	0.200	0.1709		mg/Kg		85	70 - 130
o-Xylene	0.100	0.09292		mg/Kg		93	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	88		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

Lab Sample ID: LCSD 880-1114/2-A

Matrix: Solid

Analysis Batch: 1233

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1114

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.09820		mg/Kg		98	70 - 130	12	35
Ethylbenzene	0.100	0.09745		mg/Kg		97	70 - 130	15	35
Toluene	0.100	0.1084		mg/Kg		108	70 - 130	29	35
m-Xylene & p-Xylene	0.200	0.1993		mg/Kg		100	70 - 130	15	35
o-Xylene	0.100	0.1108		mg/Kg		111	70 - 130	18	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

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

Lab Sample ID: MB 880-1211/1-A

Matrix: Solid

Analysis Batch: 1157

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1211

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		04/01/21 16:36	04/02/21 01:30	1
Total TPH	78.53		50.0	mg/Kg		04/01/21 16:36	04/02/21 01:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/01/21 16:36	04/02/21 01:30	1
Oil Range Organics (Over C28-C36)	78.53		50.0	mg/Kg		04/01/21 16:36	04/02/21 01:30	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	04/01/21 16:36	04/02/21 01:30	1
o-Terphenyl	104		70 - 130	04/01/21 16:36	04/02/21 01:30	1

Lab Sample ID: LCS 880-1211/2-A

Matrix: Solid

Analysis Batch: 1157

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1211

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	953.8		mg/Kg		95	70 - 130

Eurofins Xenco, Carlsbad

QC Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10 East

Job ID: 890-407-1

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

Lab Sample ID: LCS 880-1211/2-A

Matrix: Solid

Analysis Batch: 1157

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1211

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics (Over C10-C28)	1000	853.6		mg/Kg		85	70 - 130
Surrogate	%Recovery	LCS Qualifier	LCS	Limits			
1-Chlorooctane	105			70 - 130			
o-Terphenyl	92			70 - 130			

Lab Sample ID: LCSD 880-1211/3-A

Matrix: Solid

Analysis Batch: 1157

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1211

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	966.7		mg/Kg		97	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	834.1		mg/Kg		83	70 - 130	2	20
Surrogate	%Recovery	LCSD Qualifier	LCSD	Limits					
1-Chlorooctane	105			70 - 130					
o-Terphenyl	90			70 - 130					

Lab Sample ID: MB 880-1266/1-A

Matrix: Solid

Analysis Batch: 1289

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1266

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/03/21 09:58	04/04/21 13:01	1
Total TPH	<50.0	U	50.0	mg/Kg		04/03/21 09:58	04/04/21 13:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/03/21 09:58	04/04/21 13:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/03/21 09:58	04/04/21 13:01	1
Surrogate	MB	MB	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130			04/03/21 09:58	04/04/21 13:01	1
o-Terphenyl	101		70 - 130			04/03/21 09:58	04/04/21 13:01	1

Lab Sample ID: LCS 880-1266/2-A

Matrix: Solid

Analysis Batch: 1289

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1266

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1335	*+	mg/Kg		133	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1066		mg/Kg		107	70 - 130
Surrogate	%Recovery	LCS Qualifier	LCS	Limits			
1-Chlorooctane	130			70 - 130			

Eurofins Xenco, Carlsbad

QC Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10 East

Job ID: 890-407-1

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

Lab Sample ID: LCS 880-1266/2-A

Matrix: Solid

Analysis Batch: 1289

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1266

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	124		70 - 130

Lab Sample ID: LCSD 880-1266/3-A

Matrix: Solid

Analysis Batch: 1289

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1266

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1333	*+	mg/Kg		133	70 - 130	0	20
Diesel Range Organics (Over C10-C28)			1000	1058		mg/Kg		106	70 - 130	1	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	130		70 - 130
<i>o</i> -Terphenyl	121		70 - 130

Lab Sample ID: 890-407-1 MS

Matrix: Solid

Analysis Batch: 1289

Client Sample ID: PH01

Prep Type: Total/NA

Prep Batch: 1266

	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	1000	1066		mg/Kg		107	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	1004		mg/Kg		100	70 - 130		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	113		70 - 130
<i>o</i> -Terphenyl	107		70 - 130

Lab Sample ID: 890-407-1 MSD

Matrix: Solid

Analysis Batch: 1289

Client Sample ID: PH01

Prep Type: Total/NA

Prep Batch: 1266

	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	998	1129		mg/Kg		113	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	<49.9	U	998	1079		mg/Kg		108	70 - 130	7	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	117		70 - 130
<i>o</i> -Terphenyl	113		70 - 130

Eurofins Xenco, Carlsbad

QC Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10 East

Job ID: 890-407-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-1381/1-A

Matrix: Solid

Analysis Batch: 1460

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			04/07/21 22:21	1

Lab Sample ID: LCS 880-1381/2-A

Matrix: Solid

Analysis Batch: 1460

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	267.3		mg/Kg		107	90 - 110

Lab Sample ID: LCSD 880-1381/3-A

Matrix: Solid

Analysis Batch: 1460

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	267.7		mg/Kg		107	90 - 110	0	20

Lab Sample ID: 890-407-13 MS

Matrix: Solid

Analysis Batch: 1460

Client Sample ID: BH01

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	35.3		253	299.9		mg/Kg		105	90 - 110

Lab Sample ID: 890-407-13 MSD

Matrix: Solid

Analysis Batch: 1460

Client Sample ID: BH01

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	35.3		253	301.6		mg/Kg		105	90 - 110	1	20

Lab Sample ID: MB 880-1521/1-A

Matrix: Solid

Analysis Batch: 1548

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			04/08/21 17:31	1

Lab Sample ID: LCS 880-1521/2-A

Matrix: Solid

Analysis Batch: 1548

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	253.4		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-1521/3-A

Matrix: Solid

Analysis Batch: 1548

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	0	20

Eurofins Xenco, Carlsbad

QC Sample Results

Client: WSP USA Inc.
Project/Site: Corral Canyon 10 East

Job ID: 890-407-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-1514/1-A

Matrix: Solid

Analysis Batch: 1552

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			04/08/21 20:45	1

Lab Sample ID: LCS 880-1514/2-A

Matrix: Solid

Analysis Batch: 1552

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	255.5		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-1514/3-A

Matrix: Solid

Analysis Batch: 1552

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	255.9		mg/Kg		102	90 - 110	0	20

QC Association Summary

Client: WSP USA Inc.
Project/Site: Corral Canyon 10 East

Job ID: 890-407-1

GC VOA

Prep Batch: 1104

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-407-1	PH01	Total/NA	Solid	5035	
890-407-1	PH01	Total/NA	Solid	5035	
890-407-1	PH01	Total/NA	Solid	5035	
890-407-2	PH01A	Total/NA	Solid	5035	
890-407-3	PH02	Total/NA	Solid	5035	
890-407-4	PH02A	Total/NA	Solid	5035	
890-407-5	PH03	Total/NA	Solid	5035	
890-407-6	PH03A	Total/NA	Solid	5035	
890-407-7	PH04	Total/NA	Solid	5035	
890-407-8	PH04A	Total/NA	Solid	5035	
890-407-9	PH05	Total/NA	Solid	5035	
890-407-10	PH05A	Total/NA	Solid	5035	
890-407-11	PH06	Total/NA	Solid	5035	
890-407-12	PH06A	Total/NA	Solid	5035	
890-407-13	BH01	Total/NA	Solid	5035	
890-407-14	BH01 A	Total/NA	Solid	5035	
MB 880-1104/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-1104/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-1104/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 1114

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-1114/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-1114/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 1233

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-407-1	PH01	Total/NA	Solid	8021B	1104
890-407-1	PH01	Total/NA	Solid	8021B	1104
890-407-1	PH01	Total/NA	Solid	8021B	1104
890-407-2	PH01A	Total/NA	Solid	8021B	1104
890-407-3	PH02	Total/NA	Solid	8021B	1104
890-407-4	PH02A	Total/NA	Solid	8021B	1104
890-407-5	PH03	Total/NA	Solid	8021B	1104
890-407-6	PH03A	Total/NA	Solid	8021B	1104
890-407-7	PH04	Total/NA	Solid	8021B	1104
890-407-8	PH04A	Total/NA	Solid	8021B	1104
890-407-9	PH05	Total/NA	Solid	8021B	1104
890-407-10	PH05A	Total/NA	Solid	8021B	1104
890-407-11	PH06	Total/NA	Solid	8021B	1104
890-407-12	PH06A	Total/NA	Solid	8021B	1104
890-407-13	BH01	Total/NA	Solid	8021B	1104
890-407-14	BH01 A	Total/NA	Solid	8021B	1104
MB 880-1104/5-A	Method Blank	Total/NA	Solid	8021B	1104
LCS 880-1104/1-A	Lab Control Sample	Total/NA	Solid	8021B	1104
LCS 880-1114/1-A	Lab Control Sample	Total/NA	Solid	8021B	1114
LCSD 880-1104/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	1104
LCSD 880-1114/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	1114

Eurofins Xenco, Carlsbad

QC Association Summary

Client: WSP USA Inc.

Job ID: 890-407-1

Project/Site: Corral Canyon 10 East

GC Semi VOA

Analysis Batch: 1157

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-407-14	BH01 A	Total/NA	Solid	8015B NM	1211
MB 880-1211/1-A	Method Blank	Total/NA	Solid	8015B NM	1211
LCS 880-1211/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	1211
LCSD 880-1211/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	1211

Prep Batch: 1211

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-407-14	BH01 A	Total/NA	Solid	8015NM Prep	
MB 880-1211/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-1211/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-1211/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 1266

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-407-1	PH01	Total/NA	Solid	8015NM Prep	
890-407-2	PH01A	Total/NA	Solid	8015NM Prep	
890-407-3	PH02	Total/NA	Solid	8015NM Prep	
890-407-4	PH02A	Total/NA	Solid	8015NM Prep	
890-407-5	PH03	Total/NA	Solid	8015NM Prep	
890-407-6	PH03A	Total/NA	Solid	8015NM Prep	
890-407-7	PH04	Total/NA	Solid	8015NM Prep	
890-407-8	PH04A	Total/NA	Solid	8015NM Prep	
890-407-9	PH05	Total/NA	Solid	8015NM Prep	
890-407-10	PH05A	Total/NA	Solid	8015NM Prep	
890-407-11	PH06	Total/NA	Solid	8015NM Prep	
890-407-12	PH06A	Total/NA	Solid	8015NM Prep	
890-407-13	BH01	Total/NA	Solid	8015NM Prep	
MB 880-1266/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-1266/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-1266/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-407-1 MS	PH01	Total/NA	Solid	8015NM Prep	
890-407-1 MSD	PH01	Total/NA	Solid	8015NM Prep	

Analysis Batch: 1289

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-407-1	PH01	Total/NA	Solid	8015B NM	1266
890-407-2	PH01A	Total/NA	Solid	8015B NM	1266
890-407-3	PH02	Total/NA	Solid	8015B NM	1266
890-407-4	PH02A	Total/NA	Solid	8015B NM	1266
890-407-5	PH03	Total/NA	Solid	8015B NM	1266
890-407-6	PH03A	Total/NA	Solid	8015B NM	1266
890-407-7	PH04	Total/NA	Solid	8015B NM	1266
890-407-8	PH04A	Total/NA	Solid	8015B NM	1266
890-407-9	PH05	Total/NA	Solid	8015B NM	1266
890-407-10	PH05A	Total/NA	Solid	8015B NM	1266
890-407-11	PH06	Total/NA	Solid	8015B NM	1266
890-407-12	PH06A	Total/NA	Solid	8015B NM	1266
890-407-13	BH01	Total/NA	Solid	8015B NM	1266
MB 880-1266/1-A	Method Blank	Total/NA	Solid	8015B NM	1266
LCS 880-1266/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	1266
LCSD 880-1266/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	1266

Eurofins Xenco, Carlsbad

QC Association Summary

Client: WSP USA Inc.
Project/Site: Corral Canyon 10 East

Job ID: 890-407-1

GC Semi VOA (Continued)

Analysis Batch: 1289 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-407-1 MS	PH01	Total/NA	Solid	8015B NM	1266
890-407-1 MSD	PH01	Total/NA	Solid	8015B NM	1266

HPLC/IC

Leach Batch: 1381

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-407-8	PH04A	Soluble	Solid	DI Leach	
890-407-9	PH05	Soluble	Solid	DI Leach	
890-407-10	PH05A	Soluble	Solid	DI Leach	
890-407-11	PH06	Soluble	Solid	DI Leach	
890-407-12	PH06A	Soluble	Solid	DI Leach	
890-407-13	BH01	Soluble	Solid	DI Leach	
890-407-14	BH01 A	Soluble	Solid	DI Leach	
MB 880-1381/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-1381/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-1381/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-407-13 MS	BH01	Soluble	Solid	DI Leach	
890-407-13 MSD	BH01	Soluble	Solid	DI Leach	

Analysis Batch: 1460

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-407-8	PH04A	Soluble	Solid	300.0	1381
890-407-9	PH05	Soluble	Solid	300.0	1381
890-407-10	PH05A	Soluble	Solid	300.0	1381
890-407-11	PH06	Soluble	Solid	300.0	1381
890-407-12	PH06A	Soluble	Solid	300.0	1381
890-407-13	BH01	Soluble	Solid	300.0	1381
890-407-14	BH01 A	Soluble	Solid	300.0	1381
MB 880-1381/1-A	Method Blank	Soluble	Solid	300.0	1381
LCS 880-1381/2-A	Lab Control Sample	Soluble	Solid	300.0	1381
LCSD 880-1381/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	1381
890-407-13 MS	BH01	Soluble	Solid	300.0	1381
890-407-13 MSD	BH01	Soluble	Solid	300.0	1381

Leach Batch: 1514

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-407-1	PH01	Soluble	Solid	DI Leach	
890-407-2	PH01A	Soluble	Solid	DI Leach	
890-407-3	PH02	Soluble	Solid	DI Leach	
890-407-4	PH02A	Soluble	Solid	DI Leach	
890-407-5	PH03	Soluble	Solid	DI Leach	
890-407-6	PH03A	Soluble	Solid	DI Leach	
MB 880-1514/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-1514/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-1514/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Leach Batch: 1521

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-407-7	PH04	Soluble	Solid	DI Leach	
MB 880-1521/1-A	Method Blank	Soluble	Solid	DI Leach	

Eurofins Xenco, Carlsbad

QC Association Summary

Client: WSP USA Inc.
Project/Site: Corral Canyon 10 East

Job ID: 890-407-1

HPLC/IC (Continued)

Leach Batch: 1521 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-1521/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-1521/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 1548

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-407-7	PH04	Soluble	Solid	300.0	1521
MB 880-1521/1-A	Method Blank	Soluble	Solid	300.0	1521
LCS 880-1521/2-A	Lab Control Sample	Soluble	Solid	300.0	1521
LCSD 880-1521/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	1521

Analysis Batch: 1552

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-407-1	PH01	Soluble	Solid	300.0	1514
890-407-2	PH01A	Soluble	Solid	300.0	1514
890-407-3	PH02	Soluble	Solid	300.0	1514
890-407-4	PH02A	Soluble	Solid	300.0	1514
890-407-5	PH03	Soluble	Solid	300.0	1514
890-407-6	PH03A	Soluble	Solid	300.0	1514
MB 880-1514/1-A	Method Blank	Soluble	Solid	300.0	1514
LCS 880-1514/2-A	Lab Control Sample	Soluble	Solid	300.0	1514
LCSD 880-1514/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	1514

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: WSP USA Inc.
Project/Site: Corral Canyon 10 East

Job ID: 890-407-1

Client Sample ID: PH01

Lab Sample ID: 890-407-1

Date Collected: 03/22/21 10:20

Matrix: Solid

Date Received: 03/22/21 16:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1104	03/31/21 12:11	MR	XM
Total/NA	Analysis	8021B		1	1233	04/02/21 12:01	KL	XM
Total/NA	Prep	5035			1104	03/31/21 12:11	MR	XM
Total/NA	Analysis	8021B		1	1233	04/02/21 12:26	KL	XM
Total/NA	Prep	5035			1104	03/31/21 12:11	MR	XM
Total/NA	Analysis	8021B		1	1233	04/02/21 14:10	KL	XM
Total/NA	Prep	8015NM Prep			1266	04/03/21 09:58	DM	XM
Total/NA	Analysis	8015B NM		1	1289	04/04/21 14:05	AJ	XM
Soluble	Leach	DI Leach			1514	04/08/21 11:26	SC	XM
Soluble	Analysis	300.0		5	1552	04/08/21 22:41	WP	XM

Client Sample ID: PH01A

Lab Sample ID: 890-407-2

Date Collected: 03/22/21 10:25

Matrix: Solid

Date Received: 03/22/21 16:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1104	03/31/21 12:11	MR	XM
Total/NA	Analysis	8021B		1	1233	04/02/21 14:35	KL	XM
Total/NA	Prep	8015NM Prep			1266	04/03/21 09:58	DM	XM
Total/NA	Analysis	8015B NM		1	1289	04/04/21 15:08	AJ	XM
Soluble	Leach	DI Leach			1514	04/08/21 11:26	SC	XM
Soluble	Analysis	300.0		1	1552	04/08/21 22:57	WP	XM

Client Sample ID: PH02

Lab Sample ID: 890-407-3

Date Collected: 03/22/21 10:35

Matrix: Solid

Date Received: 03/22/21 16:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1104	03/31/21 12:11	MR	XM
Total/NA	Analysis	8021B		1	1233	04/02/21 15:00	KL	XM
Total/NA	Prep	8015NM Prep			1266	04/03/21 09:58	DM	XM
Total/NA	Analysis	8015B NM		1	1289	04/04/21 15:30	AJ	XM
Soluble	Leach	DI Leach			1514	04/08/21 11:26	SC	XM
Soluble	Analysis	300.0		5	1552	04/08/21 23:03	WP	XM

Client Sample ID: PH02A

Lab Sample ID: 890-407-4

Date Collected: 03/22/21 10:40

Matrix: Solid

Date Received: 03/22/21 16:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1104	03/31/21 12:11	MR	XM
Total/NA	Analysis	8021B		1	1233	04/02/21 16:09	KL	XM
Total/NA	Prep	8015NM Prep			1266	04/03/21 09:58	DM	XM
Total/NA	Analysis	8015B NM		1	1289	04/04/21 15:52	AJ	XM

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: WSP USA Inc.
Project/Site: Corral Canyon 10 East

Job ID: 890-407-1

Client Sample ID: PH02A

Lab Sample ID: 890-407-4

Date Collected: 03/22/21 10:40

Matrix: Solid

Date Received: 03/22/21 16:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			1514	04/08/21 11:26	SC	XM
Soluble	Analysis	300.0		1	1552	04/08/21 23:08	WP	XM

Client Sample ID: PH03

Lab Sample ID: 890-407-5

Date Collected: 03/22/21 10:50

Matrix: Solid

Date Received: 03/22/21 16:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1104	03/31/21 12:11	MR	XM
Total/NA	Analysis	8021B		1	1233	04/02/21 16:34	KL	XM
Total/NA	Prep	8015NM Prep			1266	04/03/21 09:58	DM	XM
Total/NA	Analysis	8015B NM		1	1289	04/04/21 16:13	AJ	XM
Soluble	Leach	DI Leach			1514	04/08/21 11:26	SC	XM
Soluble	Analysis	300.0		1	1552	04/08/21 23:14	WP	XM

Client Sample ID: PH03A

Lab Sample ID: 890-407-6

Date Collected: 03/22/21 10:55

Matrix: Solid

Date Received: 03/22/21 16:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1104	03/31/21 12:11	MR	XM
Total/NA	Analysis	8021B		1	1233	04/02/21 16:59	KL	XM
Total/NA	Prep	8015NM Prep			1266	04/03/21 09:58	DM	XM
Total/NA	Analysis	8015B NM		1	1289	04/04/21 16:35	AJ	XM
Soluble	Leach	DI Leach			1514	04/08/21 11:26	SC	XM
Soluble	Analysis	300.0		1	1552	04/08/21 23:20	WP	XM

Client Sample ID: PH04

Lab Sample ID: 890-407-7

Date Collected: 03/22/21 11:05

Matrix: Solid

Date Received: 03/22/21 16:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1104	03/31/21 12:11	MR	XM
Total/NA	Analysis	8021B		1	1233	04/02/21 17:24	KL	XM
Total/NA	Prep	8015NM Prep			1266	04/03/21 09:58	DM	XM
Total/NA	Analysis	8015B NM		1	1289	04/04/21 16:56	AJ	XM
Soluble	Leach	DI Leach			1521	04/08/21 12:04	SC	XM
Soluble	Analysis	300.0		1	1548	04/08/21 20:17	CH	XM

Client Sample ID: PH04A

Lab Sample ID: 890-407-8

Date Collected: 03/22/21 11:10

Matrix: Solid

Date Received: 03/22/21 16:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1104	03/31/21 12:11	MR	XM
Total/NA	Analysis	8021B		1	1233	04/02/21 17:50	KL	XM

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: WSP USA Inc.
Project/Site: Corral Canyon 10 East

Job ID: 890-407-1

Client Sample ID: PH04A

Lab Sample ID: 890-407-8

Date Collected: 03/22/21 11:10

Matrix: Solid

Date Received: 03/22/21 16:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8015NM Prep			1266	04/03/21 09:58	DM	XM
Total/NA	Analysis	8015B NM		1	1289	04/04/21 17:18	AJ	XM
Soluble	Leach	DI Leach			1381	04/06/21 14:30	CH	XM
Soluble	Analysis	300.0		1	1460	04/07/21 23:20	CH	XM

Client Sample ID: PH05

Lab Sample ID: 890-407-9

Date Collected: 03/22/21 11:20

Matrix: Solid

Date Received: 03/22/21 16:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1104	03/31/21 12:11	MR	XM
Total/NA	Analysis	8021B		1	1233	04/02/21 18:15	KL	XM
Total/NA	Prep	8015NM Prep			1266	04/03/21 09:58	DM	XM
Total/NA	Analysis	8015B NM		1	1289	04/04/21 17:40	AJ	XM
Soluble	Leach	DI Leach			1381	04/06/21 14:30	CH	XM
Soluble	Analysis	300.0		1	1460	04/07/21 23:25	CH	XM

Client Sample ID: PH05A

Lab Sample ID: 890-407-10

Date Collected: 03/22/21 11:25

Matrix: Solid

Date Received: 03/22/21 16:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1104	03/31/21 12:11	MR	XM
Total/NA	Analysis	8021B		1	1233	04/02/21 18:40	KL	XM
Total/NA	Prep	8015NM Prep			1266	04/03/21 09:58	DM	XM
Total/NA	Analysis	8015B NM		1	1289	04/04/21 18:01	AJ	XM
Soluble	Leach	DI Leach			1381	04/06/21 14:30	CH	XM
Soluble	Analysis	300.0		1	1460	04/07/21 23:30	CH	XM

Client Sample ID: PH06

Lab Sample ID: 890-407-11

Date Collected: 03/22/21 11:35

Matrix: Solid

Date Received: 03/22/21 16:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1104	03/31/21 12:11	MR	XM
Total/NA	Analysis	8021B		1	1233	04/02/21 20:23	KL	XM
Total/NA	Prep	8015NM Prep			1266	04/03/21 09:58	DM	XM
Total/NA	Analysis	8015B NM		1	1289	04/04/21 18:45	AJ	XM
Soluble	Leach	DI Leach			1381	04/06/21 14:30	CH	XM
Soluble	Analysis	300.0		1	1460	04/07/21 23:35	CH	XM

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: WSP USA Inc.
Project/Site: Corral Canyon 10 East

Job ID: 890-407-1

Client Sample ID: PH06A

Lab Sample ID: 890-407-12

Date Collected: 03/22/21 11:40

Matrix: Solid

Date Received: 03/22/21 16:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1104	03/31/21 12:11	MR	XM
Total/NA	Analysis	8021B		1	1233	04/02/21 20:48	KL	XM
Total/NA	Prep	8015NM Prep			1266	04/03/21 09:58	DM	XM
Total/NA	Analysis	8015B NM		1	1289	04/04/21 19:06	AJ	XM
Soluble	Leach	DI Leach			1381	04/06/21 14:30	CH	XM
Soluble	Analysis	300.0		1	1460	04/07/21 23:40	CH	XM

Client Sample ID: BH01

Lab Sample ID: 890-407-13

Date Collected: 03/22/21 12:40

Matrix: Solid

Date Received: 03/22/21 16:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1104	03/31/21 12:11	MR	XM
Total/NA	Analysis	8021B		1	1233	04/02/21 21:39	KL	XM
Total/NA	Prep	8015NM Prep			1266	04/03/21 09:58	DM	XM
Total/NA	Analysis	8015B NM		1	1289	04/04/21 19:28	AJ	XM
Soluble	Leach	DI Leach			1381	04/06/21 14:30	CH	XM
Soluble	Analysis	300.0		1	1460	04/07/21 23:45	CH	XM

Client Sample ID: BH01 A

Lab Sample ID: 890-407-14

Date Collected: 03/22/21 12:50

Matrix: Solid

Date Received: 03/22/21 16:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1104	03/31/21 12:11	MR	XM
Total/NA	Analysis	8021B		1	1233	04/02/21 22:04	KL	XM
Total/NA	Prep	8015NM Prep			1211	04/01/21 16:36	DM	XM
Total/NA	Analysis	8015B NM		1	1157	04/02/21 09:54	AJ	XM
Soluble	Leach	DI Leach			1381	04/06/21 14:30	CH	XM
Soluble	Analysis	300.0		5	1460	04/08/21 00:00	CH	XM

Laboratory References:

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

Eurofins Xenco, Carlsbad

Accreditation/Certification Summary

Client: WSP USA Inc.
Project/Site: Corral Canyon 10 East

Job ID: 890-407-1

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: Corral Canyon 10 East

Job ID: 890-407-1

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: Corral Canyon 10 East

Job ID: 890-407-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-407-1	PH01	Solid	03/22/21 10:20	03/22/21 16:50	- 1'
890-407-2	PH01A	Solid	03/22/21 10:25	03/22/21 16:50	- 2'
890-407-3	PH02	Solid	03/22/21 10:35	03/22/21 16:50	- 1'
890-407-4	PH02A	Solid	03/22/21 10:40	03/22/21 16:50	- 2'
890-407-5	PH03	Solid	03/22/21 10:50	03/22/21 16:50	- 1'
890-407-6	PH03A	Solid	03/22/21 10:55	03/22/21 16:50	- 2'
890-407-7	PH04	Solid	03/22/21 11:05	03/22/21 16:50	- 1'
890-407-8	PH04A	Solid	03/22/21 11:10	03/22/21 16:50	- 2'
890-407-9	PH05	Solid	03/22/21 11:20	03/22/21 16:50	- 1'
890-407-10	PH05A	Solid	03/22/21 11:25	03/22/21 16:50	- 2'
890-407-11	PH06	Solid	03/22/21 11:35	03/22/21 16:50	- 1'
890-407-12	PH06A	Solid	03/22/21 11:40	03/22/21 16:50	- 2'
890-407-13	BH01	Solid	03/22/21 12:40	03/22/21 16:50	- 1'
890-407-14	BH01 A	Solid	03/22/21 12:50	03/22/21 16:50	- 1.5'



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 (505) 392-7550 Phoenix, AZ (480) 355-0900 Atlanta, GA (770) 449-8800 Tampa, FL (813) 620-2000

www.xenco.com

Page 1 of 2

Chain of Custody

Work Order No: 407

Project Manager:	Dan Moir	Bill to: (if different)	Kyle Little
Company Name:	WSP	Company Name:	XTO Energy
Address:	3300 North A Street	Address:	3104 East Green Street
City, State ZIP:	Midland, TX 79705	City, State ZIP:	Carlsbad, NM 88220
Phone:	(303) 887-2946	Email:	Spencer.Lo@wsp.com, Tacoma.Morrissey@wsp.com, Dan.Moir@wsp.com

Program: UST/ST	☐ RRP	☐ Brownfields	☐ RRC	☐ Superfund
State of Project:				
Reporting Level II	☐ Level III	☐ ST/UST	☐ RRP	☐ Level IV
Deliverables: EDD	☐ ADAPT	Other:		

Project Name:	Corral Canyon 10 East	Turn Around	
Project Number:	TE012920151	Routine	☒
P.O. Number:		Rush:	
Sampler's Name:	Spencer Lo	Due Date:	

SAMPLE RECEIPT	Temp Blank	Yes	No	Well	Yes	No	
Temperature (°C):	121.0	Thermometer ID					
Received Intact:	Yes	No	Correction Factor				
Cooler Custody Seals:	Yes	No	Total Containers:				
Sample Custody Seals:	Yes	No					

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers	TPH (EPA 8015)	BTEX (EPA 0-8021)	Chloride (EPA 300.0)	ANALYSIS REQUEST	Work Order Notes	Sample Comments
PH01	S	3/22/2021	1020	1'	1	X	X	X		Incident ID: NRM2030042354 Cost Center: 1056571001 AFE Number: EW 2020.05494 EXP 01	TAT starts the day received by the lab, if received by 4:30pm
PH01A	S	3/22/2021	1025	2'	1	X	X	X			
PH02	S	3/22/2021	1035	1'	1	X	X	X			
PH02A	S	3/22/2021	1040	2'	1	X	X	X			
PH03	S	3/22/2021	1050	1'	1	X	X	X			
PH03A	S	3/22/2021	1055	2'	1	X	X	X			
PH04	S	3/22/2021	1105	1'	1	X	X	X			
PH04A	S	3/22/2021	1110	2'	1	X	X	X			
PH05	S	3/22/2021	1120	1'	1	X	X	X			
PH05A	S	3/22/2021	1125	2'	1	X	X	X			

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 Ti 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 Ti 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 \$7500 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
		3-22-21 1649			



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

Page 2 of 2

Chain of Custody

Work Order No: _____

Project Manager:	Dan Moir	Bill to: (if different)	Kyle Littlell
Company Name:	WSP	Company Name:	XTO Energy
Address:	3300 North A Street	Address:	3104 East Green Street
City, State ZIP:	Midland, TX 79705	City, State ZIP:	Carlsbad, NM 88220
Phone:	(303) 887-2946	Email:	Spencer.Lo@wsp.com Tacoma.Morrissey@wsp.com Dan.Moir@wsp.com

Program: UST/PT	☐ TRP	☐ Brownfields	☐ RRC	☐ Superfund
State of Project:				
Reporting Level II	☐ Level III	☐ ST/UST	☐ RRP	☐ Level IV
Deliverables: EDD	☐	ADAPT	☐	Other:

Project Name:	Corral Canyon 10 East	Turn Around	
Project Number:	TE012920151	Routine	☒
P.O. Number:		Rush:	
Sampler's Name:	Spencer Lo	Due Date:	

SAMPLE RECEIPT	Temp Blank:	Yes	No	Wetlee:	Yes	No
Temperature (°C):		Thermometer ID				
Received Intact:	Yes	No	Set by 1			
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	TPH (EPA 8015)	BTEX (EPA 8015)	Chloride (EPA 8015)												Sample Comments
PH06	S	3/22/2021	1135	1'	1	X	X	X												
PH06A	S	3/22/2021	1140	2'	1	X	X	X												
BH01	S	3/22/2021	1240	1'	1	X	X	X												
BH01A	S	3/22/2021	1250	1.5'	1	X	X	X												
																				

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 Ti 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 Ti 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
		3-22-21 16:44			

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:	Carrier Tracking No(s):	COC No:					
Client Contact:	Phone:		Kramer, Jessica		890-121 1					
Shipping/Receiving	E-Mail:		jessica.kramer@eurofins.com	State of Origin:	Page 1 of 2					
Company:	Accreditations Required (See note):		NE LAP - Louisiana, NE LAP - Texas							
Address:	Due Date Requested:			Job #:	890-407-1					
1211 W. Florida Ave.	3/29/2021			Preservation Codes:						
City:	TAT Requested (days):			A - HCL	M - Hexane					
Midland				B - NaOH	N - None					
State, Zip:				C - Zn Acetate	O - AsHClO2					
TX, 79701				D - Nitric Acid	P - Na2O4S					
Phone:	PO #:			E - NaHSO4	Q - Na2SO3					
432-704-5440(Tel)				F - MeOH	R - Na2S2O3					
Email:	WO #:			G - Ammonia	S - H2SO4					
				H - Ascorbic Acid	T - TSP Dodecahydrate					
Project Name:	Project #:			I - Ice	U - Acetone					
Corral Canyon 10 East	89000004			J - DI Water	V - MCAA					
Site:	SSOM#:			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=soil, B=biomass, A=air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Analysis Requested	Total Number of containers	Special Instructions/Note:
PH01 (890-407-1)	3/22/21	10:20	Mountain	Solid		X	X			
PH01A (890-407-2)	3/22/21	10:25	Mountain	Solid		X	X			
PH02 (890-407-3)	3/22/21	10:35	Mountain	Solid		X	X			
PH02A (890-407-4)	3/22/21	10:40	Mountain	Solid		X	X			
PH03 (890-407-5)	3/22/21	10:50	Mountain	Solid		X	X			
PH03A (890-407-6)	3/22/21	10:55	Mountain	Solid		X	X			
PH04 (890-407-7)	3/22/21	11:05	Mountain	Solid		X	X			
PH04A (890-407-8)	3/22/21	11:10	Mountain	Solid		X	X			
PH05 (890-407-9)	3/22/21	11:20	Mountain	Solid		X	X			
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/assessments 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 compliance to Eurofins Xenco LLC.										
Possible Hazard Identification										
Unconfirmed										
Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank: 2										
Empty Kit Relinquished by: Date: Time: Method of Shipment:										
Relinquished by: Date/Time: Company: Received by: Date/Time: 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:										

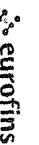
1
2
3
4
5
6
7
8
9
10
11
12
13
14

Eurofins Xenco, Carlsbad

1089 N Canal St.
Carlsbad, NM 88220

Phone 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

Environment Testing
America

Client Information (Sub Contract Lab)		Sampler	Lab PM	Carrier Tracking No(s)	COC No:							
Client Contact:	Phone:		Kramer, Jessica		890-121 2							
Shipping/Receiving	E-Mail:		jessica.kramer@eurofins.com	State of Origin:	Page 2 of 2							
Company:				Accreditations Required (See note):								
Eurofins Xenco				NE LAP - Louisiana, NE LAP - Texas								
Address:	Due Date Requested:		Analysis Requested									
1211 W. Florida Ave.	3/29/2021											
City:	TAT Requested (days)											
Midland												
State Zip:												
TX, 79701												
Phone:	PO #:											
432-704-5440(Tel)												
Email:	WO #:											
Project Name:	Project #:											
Corral Canyon 10 East	89000004											
Site:	SSOW#:											
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (We-water, S-solid, O-organic, B-bioactive, A-ash)	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/6036FP_Calc BTEX	Total Number of containers	Special Instructions/Note:
PH05A (890-407-10)	3/22/21	11 25	Mountain	Solid		X	X	X			1	
PH06 (890-407-11)	3/22/21	11 35	Mountain	Solid		X	X	X			1	
PH06A (890-407-12)	3/22/21	11 40	Mountain	Solid		X	X	X			1	
BH01 (890-407-13)	3/22/21	12 40	Mountain	Solid		X	X	X			1	
BH01 A (890-407-14)	3/22/21	12 50	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/shipment, 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 compliance 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:		Date/Time:	Company:	Received by:		Date/Time:	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												

Login Sample Receipt Checklist

Client: WSP USA Inc.

Job Number: 890-407-1

SDG Number:

Login Number: 407

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: 890-407-1

SDG Number:

Login Number: 407

List Number: 2

Creator: Copeland, Tatiana

List Source: Eurofins Midland

List Creation: 03/23/21 03:12 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	

ATTACHMENT 4: LITHOLOGIC/SAMPLING LOGS

 WSP USA 508 West Stevens Street Carlsbad, New Mexico 88220								BH or PH Name: PH01		Date: 3/22/2021	
								Site Name: Corral Canyon 10 East			
								RP or Incident Number: NRM2030042354			
								LTE Job Number:			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By SL		Method: Trackhoe	
Lat/Long: 32.150853,-103.971360				Field Screening: Chloride, PID				Hole Diameter: -		Total Depth: 2'	
Comments: Chloride field screening values include 60% error factor.											
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithology/Remarks			
D	224	0.0	N	PH01	1'	1	CCHE	0-1.5' Caliche, tan, gravel sized, no odor, no stain, well sorted sand, m-f			
D	186	0.0	N	PH01A	2'	2	SP-SM	1.5'-2' Sand, brown, no odor, no stain, well sorted, m-f, trace silt			
								TD @ 2'			
						3					
						4					
						5					
						6					
						7					
						8					
						9					
						10					
						11					
						12					

 WSP USA 508 West Stevens Street Carlsbad, New Mexico 88220								BH or PH Name: PH02		Date: 3/22/2021	
								Site Name: Corral Canyon 10 East			
								RP or Incident Number: NRM2030042354			
								LTE Job Number:			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By SL		Method: Trackhoe	
Lat/Long: 32.150790,-103.971432				Field Screening: Chloride, PID				Hole Diameter: -		Total Depth: 2'	
Comments: Chloride field screening values include 60% error factor.											
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithology/Remarks			
D	<186	0.0	N	PH02	1'	1	CCHE	0-1.5' Caliche, tan, gravel sized, no odor, no stain, well sorted sand, m-f			
D	<186	0.0	N	PH02A	2'	2	SP-SM	1.5'-2' Sand, brown, no odor, no stain, well sorted, m-f, trace silt			
								TD @ 2'			
						3					
						4					
						5					
						6					
						7					
						8					
						9					
						10					
						11					
						12					

 WSP USA 508 West Stevens Street Carlsbad, New Mexico 88220								BH or PH Name: PH03		Date: 3/22/2021	
								Site Name: Corral Canyon 10 East			
								RP or Incident Number: NRM2030042354			
								LTE Job Number:			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By SL		Method: Trackhoe	
Lat/Long: 32.150701,-103.971439				Field Screening: Chloride, PID				Hole Diameter: -		Total Depth: 2'	
Comments: Chloride field screening values include 60% error factor.											
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithology/Remarks			
D	554	0.0	N	PH03	1'	1	CCHE	0-1.5' Caliche, tan, gravel sized, no odor, no stain, well sorted sand, m-f			
D	<186	0.0	N	PH03A	2'	2	SP-SM	1.5'-2' Sand, brown, no odor, no stain, well sorted, m-f, trace silt			
								TD @ 2'			
						3					
						4					
						5					
						6					
						7					
						8					
						9					
						10					
						11					
						12					

 WSP USA 508 West Stevens Street Carlsbad, New Mexico 88220								BH or PH Name: PH04		Date: 3/22/2021	
								Site Name: Corral Canyon 10 East			
								RP or Incident Number: NRM2030042354			
								LTE Job Number:			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By SL		Method: Trackhoe	
Lat/Long: 32.150618,-103.971394				Field Screening: Chloride, PID				Hole Diameter: -		Total Depth: 2'	
Comments: Chloride field screening values include 60% error factor.											
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithology/Remarks			
D	1,772	0.0	N	PH04	1'	1	CCHE	0-1.5' Caliche, tan, gravel sized, no odor, no stain, well sorted sand, m-f			
D	<186	0.0	N	PH04A	2'	2	SP-SM	1.5'-2' Sand, brown, no odor, no stain, well sorted, m-f, trace silt			
								TD @ 2'			
						3					
						4					
						5					
						6					
						7					
						8					
						9					
						10					
						11					
						12					

 WSP USA 508 West Stevens Street Carlsbad, New Mexico 88220								BH or PH Name: PH05		Date: 3/22/2021	
								Site Name: Corral Canyon 10 East			
								RP or Incident Number: NRM2030042354			
								LTE Job Number:			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By SL		Method: Trackhoe	
Lat/Long: 32.150610,-103.971203				Field Screening: Chloride, PID				Hole Diameter: -		Total Depth: 2'	
Comments: Chloride field screening values include 60% error factor.											
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithology/Remarks			
D	2976	0.0	N	PH05	1'	1	CCHE	0-1.5' Caliche, tan, gravel sized, no odor, no stain, well sorted sand, m-f			
D	<186	0.0	N	PH05A	2'	2	SP-SM	1.5'-2' Sand, brown, no odor, no stain, well sorted, m-f, trace silt			
								TD @ 2'			
						3					
						4					
						5					
						6					
						7					
						8					
						9					
						10					
						11					
						12					

 WSP USA 508 West Stevens Street Carlsbad, New Mexico 88220								BH or PH Name: PH06		Date: 3/22/2021	
								Site Name: Corral Canyon 10 East			
								RP or Incident Number: NRM2030042354			
								LTE Job Number:			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By SL		Method: Trackhoe	
Lat/Long: 32.150855,-103.971190				Field Screening: Chloride, PID				Hole Diameter: -		Total Depth: 2'	
Comments: Chloride field screening values include 60% error factor.											
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithology/Remarks			
D	435	0.0	N	PH06	1'	1	CCHE	0-1.5' Caliche, tan, gravel sized, no odor, no stain, well sorted sand, m-f			
D	<186	0.0	N	PH06A	2'	2	SP-SM	1.5'-2' Sand, brown, no odor, no stain, well sorted, m-f, trace silt			
								TD @ 2'			
						3					
						4					
						5					
						6					
						7					
						8					
						9					
						10					
						11					
						12					

 WSP USA 508 West Stevens Street Carlsbad, New Mexico 88220								BH or PH Name: BH01		Date: 3/22/2021	
								Site Name: Corral Canyon 10 East			
								RP or Incident Number: NRM2030042354			
								LTE Job Number:			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By SL		Method: Hand Auger	
Lat/Long: 32.150736,-103.971191				Field Screening: Chloride, PID				Hole Diameter: 3"		Total Depth: 1.5'	
Comments: Chloride field screening values include 60% error factor.											
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithology/Remarks			
						0		0-1.5' Caliche, tan, gravel sized, no odor,no stain, well sorted sand, m-f			
D	6637	0.0	N	BH01	1'	1	CCHE				
D	6637	0.0	N	BH01A	1.5'						
						2		TD @ 1.5' - Auger Refusal			
						12					

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 34287

CONDITIONS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 34287
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
chensley	None	7/19/2021