

| | |
|----------------|----------------|
| Incident ID | nAPP2101331137 |
| District RP | |
| Facility ID | |
| Application ID | |

Remediation Plan

Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- ☐ Detailed description of proposed remediation technique
- ☐ Scaled sitemap with GPS coordinates showing delineation points
- ☐ Estimated volume of material to be remediated
- ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☒ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☒ Extents of contamination must be fully delineated.
- ☒ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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: Kyle Littrell Title: Environmental Manager

Signature:  Date: 05/25/2021

email: Kyle.Littrell@exxonmobil.com Telephone: (432)-221-7331

OCD Only

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☒ Deferral Approved

Signature:  Date: 06/28/2022



WSP USA

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

May 28, 2021

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

**RE: Deferral Request
 Goldenchild CTB
 Incident Numbers nAPP2035256230, nAPP2101331137, nAPP2101335437,
 nAPP2102237559
 Eddy County, New Mexico**

To Whom It May Concern:

WSP USA Inc. (WSP), on behalf of XTO Energy, Inc. (XTO), presents the following Deferral Request detailing site assessment, excavation, and soil sampling activities at the Goldenchild Central Tank Battery (CTB) (Site) in Unit P, Section 6, Township 25 South, Range 29 East, in Eddy County, New Mexico (Figure 1). The purpose of the site assessment, excavation, and soil sampling activities was to address impacts to soil following four flare fire release events at the Site. Based on the excavation activities and soil sample laboratory analytical results, XTO is submitting this Deferral Request, describing remediation that has occurred and requesting deferral of final remediation for Incident Numbers nAPP2035256230, nAPP2101331137, nAPP2101335437, and nAPP2102237559 until the Site is reconstructed, and/or the well pad is abandoned.

RELEASE BACKGROUND

On December 4, 2020, the low-pressure flare malfunctioned, resulting in the release of approximately 0.04 barrels (bbls) of crude oil through the flare stack which resulted in a small fire. The fire extinguished itself and there were no standing fluids to recover. XTO immediately reported the release to the New Mexico Oil Conservation Division (NMOCD) via email on December 4, 2020. A Release Notification and Corrective Action Form C-141 (Form C-141) was submitted on December 17, 2020 and the release was assigned Incident Number nAPP2035256230.

On January 7, 2021, the low-pressure flare malfunctioned due to the jatco pot, resulting in the release of approximately 0.03 bbls of condensate through the flare stack which resulted in a small fire. The fire extinguished itself and there were no standing fluids to recover. XTO reported the release to the NMOCD via email on January 7, 2021. A Form C-141 was submitted on January 13, 2021 and the release was assigned Incident Number nAPP2101331137.



On January 8, 2021, a flare stack malfunctioned, resulting in the release of approximately 0.12 bbls of condensate onto the surface of the well pad. The fire extinguished itself and there were no standing fluids to recover. XTO reported the release to the NMOCD via email on January 8, 2021. A Form C-141 was submitted on January 13, 2021 and the release was assigned Incident Number nAPP2101335437.

On January 15, 2021, the low-pressure flare malfunctioned, resulting in the release of approximately 0.11 bbls of condensate through the flare stack which resulted in a small fire. The fire extinguished itself and there were no standing fluids to recover. XTO reported the release to the NMOCD via email on January 15, 2021. A Form C-141 was submitted on January 22, 2021 and the release was assigned Incident Number nAPP2102237559.

SITE CHARACTERIZATION

WSP characterized the Site according to Table 1, *Closure Criteria for Soils Impacted by a Release*, of Title 19, Chapter 15, Part 29, Section 12 (19.15.29.12) of the New Mexico Administrative Code (NMAC). Depth to groundwater at the Site is estimated to be less than 50 feet below ground surface (bgs) based on a recent soil boring drilled for determination of regional groundwater depth. During November 2020, WSP installed a soil boring (C-4493) within 0.5 miles of the Site utilizing a truck-mounted hollow-stem auger rig. Soil boring C-4493 was drilled to a depth of 57 feet bgs. A WSP geologist logged and described soils continuously. The well record and log are included in Attachment 1. The location of the borehole is approximately 0.16 miles south of the Site and is depicted on Figure 1. The borehole was left open for over 72 hours to allow for potential slow infill of groundwater. After the 72-hour waiting period, it was confirmed that groundwater beneath the Site is 39 feet bgs. The borehole was properly abandoned with drill cuttings and hydrated bentonite chips.

The closest continuously flowing or significant watercourse to the Site is the Pecos River, located approximately 1,895 feet west 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): 100 mg/kg
- Chloride: 600 mg/kg

SITE ASSESSMENT ACTIVITIES AND ANALYTICAL RESULTS

On February 1, 2021, WSP personnel visited the Site to evaluate the release extents based on information provided on the Form C-141s and visual observations. The release extents from the four flare fires overlapped and were evaluated simultaneously. WSP personnel collected three preliminary assessment soil samples (SS01 through SS03) within the release extents from a depth of approximately 0.5 feet bgs to assess the lateral extent of the releases. Soil was field screened for volatile aromatic hydrocarbons and chloride utilizing a calibrated photoionization detector (PID) and Hach® chloride QuanTab® test strips, respectively. The combined release extents 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 Eurofins Laboratories (Eurofins) in Carlsbad, New Mexico, for analysis of BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-gasoline range organics, TPH-diesel range organics, and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following EPA Method 300.0.

Laboratory analytical results for preliminary soil sample SS01 indicated TPH and chloride concentrations exceeded the Closure Criteria. Laboratory analytical results for preliminary soil samples SS02 and SS03 indicated chloride concentrations exceeded the Closure Criteria. Based on visible staining in the release area, field screening activities, and laboratory analytical results for the preliminary soil samples, delineation and excavation activities were warranted.

EXCAVATION AND DELINEATION ACTIVITIES AND ANALYTICAL RESULTS

Between March 12, 2021 and April 22, 2021, WSP personnel returned to the Site to oversee excavation and delineation activities as indicated by visible staining in the release area, field screening activities, and laboratory analytical results for the preliminary soil samples.

Initial Excavation Activities

Excavation activities were performed to remove the surficial staining in the release footprint and excavate the impacted soil in the areas surrounding preliminary soil samples SS01 through SS02. Excavation activities were performed using track-mounted backhoe and transport vehicle. To direct excavation activities, WSP screened soil for volatile aromatic hydrocarbons and chloride



utilizing a PID and Hach® chloride QuanTab® test strips, respectively. Photographic documentation is included in Attachment 3.

Following removal of impacted soil to the extent possible, WSP collected 5-point composite soil samples every 200 square feet from the sidewalls and floors of the excavations. The 5-point composite samples were collected by placing five equivalent aliquots of soil into a 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing. Composite soil samples SW01 through SW03 were collected from the sidewalls of the excavations from depths ranging from the ground surface to 3 feet bgs. Composite soil samples FS01 through FS05 were collected from the floor of the excavations from depths ranging from 2 feet to 3 feet bgs. The excavation soil samples were collected, handled, and analyzed following the same procedures as described above. The excavation extents and excavation soil sample locations are presented on Figure 3.

Laboratory analytical results for excavation samples SW01, SW02, and FS01 through FS05, collected from the final excavation extents, indicated that benzene, BTEX, TPH, and chloride concentrations were compliant with the Closure Criteria. Laboratory analytical results for sidewall sample SW03 indicated that chloride concentrations exceeded the Closure Criteria. Sidewall sample SW03 was collected adjacent to an anchor point that supports the flare stack. Further excavation of impacted soil beyond the excavation sidewall sample SW03 was limited by the anchor point. XTO safety policy restricts soil disturbing activities to a 2-foot radius of any on-site production equipment, pipelines, or flare anchors and a 10-foot radius of active flare stacks. This XTO safety policy is established to protect workers and reduce the likelihood of compromising the foundation of the production equipment, pipelines, or flare stacks. This policy was enforced where impacted soil was identified within 2 feet of the flare anchor point and 10 feet of the active flare stack.

The combined excavation extents measured approximately 1,115 square feet. A total of approximately 110 cubic yards of impacted soil was removed during the excavation activities. The impacted soil was transported and properly disposed of at the R360 Facility in Hobbs, New Mexico.

Delineation and Final Excavation Activities

Between March 12, 2021 and April 22, 2021, WSP personnel were at the Site to oversee delineation activities. The delineation activities were completed in coordination with excavation activities to define the lateral and vertical extent of impacted soil left in-place within 2 feet of the flare anchor point and 10 feet of the active flare stack.

Four potholes (PH01 through PH04) were advanced via backhoe within and around the release extent to assess the lateral and vertical extent of impacted soil. Potholes PH01 through PH04 were advanced to a depth of 3 feet bgs. Delineation soil samples were collected from each



pothole from depths of 1 foot and 3 feet bgs. A concrete barrier was located north of the flare stacks, which prevented off pad impacts from the fires and provided additional delineation to the north (reference photos 4 and 6 in Attachment 3).

Soil from the potholes was field screened for volatile aromatic hydrocarbons and chloride utilizing PID and Hach® chloride QuanTab® test strips, respectively. The delineation soil samples were collected, handled, and analyzed as described above. Field screening results and observations for the potholes were logged on lithologic/soil sampling logs, which are included in Attachment 2. The delineation pothole soil sample locations are depicted on Figure 4.

Laboratory analytical results for delineation soil samples PH02/PH02A, PH03/PH03A, and PH04/PH04A, collected from depths ranging from 1-foot to 3 feet bgs, indicated benzene, BTEX, TPH, and chloride concentrations were compliant with the Closure Criteria and defined the lateral and vertical extent of the impacted soil left in-place.

Laboratory analytical results for delineation soil sample PH01A, collected from pothole PH01 at 3 feet bgs, indicated that chloride concentrations exceeded the Closure Criteria. Based on the elevated chloride result in pothole PH01, the excavation was extended. Additional soil was removed from the area around pothole PH01 and subsequent excavation sidewall sample SW04 and floor sample FS06 were collected from the final excavation extent. Laboratory analytical results for excavation samples SW04 and FS06 were compliant with the Closure Criteria. The final excavation extents and excavation soil sample locations are presented on Figure 3. Laboratory analytical results are summarized in Table 1 and laboratory analytical reports are included as Attachment 4. After completion of confirmation sampling, the excavation areas were backfilled.

DEFERRAL REQUEST

Approximately 110 cubic yards of impacted soil were excavated from the Site; however, residual impacted soil was left in place immediately surrounding an active flare stack and flare anchors for compliance with XTO safety policy. Laboratory analytical results for excavation sidewall sample SW03 indicated that soil with chloride concentrations exceeding the Closure Criteria was left in place. Additional excavation was limited by active flares stacks, flare anchors, and overhead anchor lines (reference photos 3 through 6 in Attachment 3).

The impacted soil remaining in place is delineated vertically and laterally by excavation soil samples SW01, SW02, and FS01 through FS06, collected from the sidewalls and floor of the final excavation extents, delineation soil samples PH02/PH02A through PH04/PH04A, and the concrete barrier north of the flare stack. An estimated 67 cubic yards of impacted soil remains in place, assuming a maximum 3-foot depth based on the excavation and delineation soil samples listed above, that were compliant with the Closure Criteria. The deferral area and associated delineation samples are identified on Figure 5.

District II
Page 6

XTO requests to complete final remediation during any future major construction/alteration or final plugging and abandonment, whichever occurs first. WSP and XTO do not believe deferment will result in imminent risk to human health, the environment, or groundwater. The majority of the released fluids from the four release events were consumed by fire or removed during excavation activities. The impacted soil remaining in place is limited to the area immediately adjacent to the active flare stack and anchor points and no saturated soil remains in-place. XTO requests deferral of final remediation for Incident Numbers nAPP2035256230, nAPP2101331137, nAPP2101335437, and nAPP2102237559.

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 'Kalei Jennings'.

Kalei Jennings
Associate Consultant

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

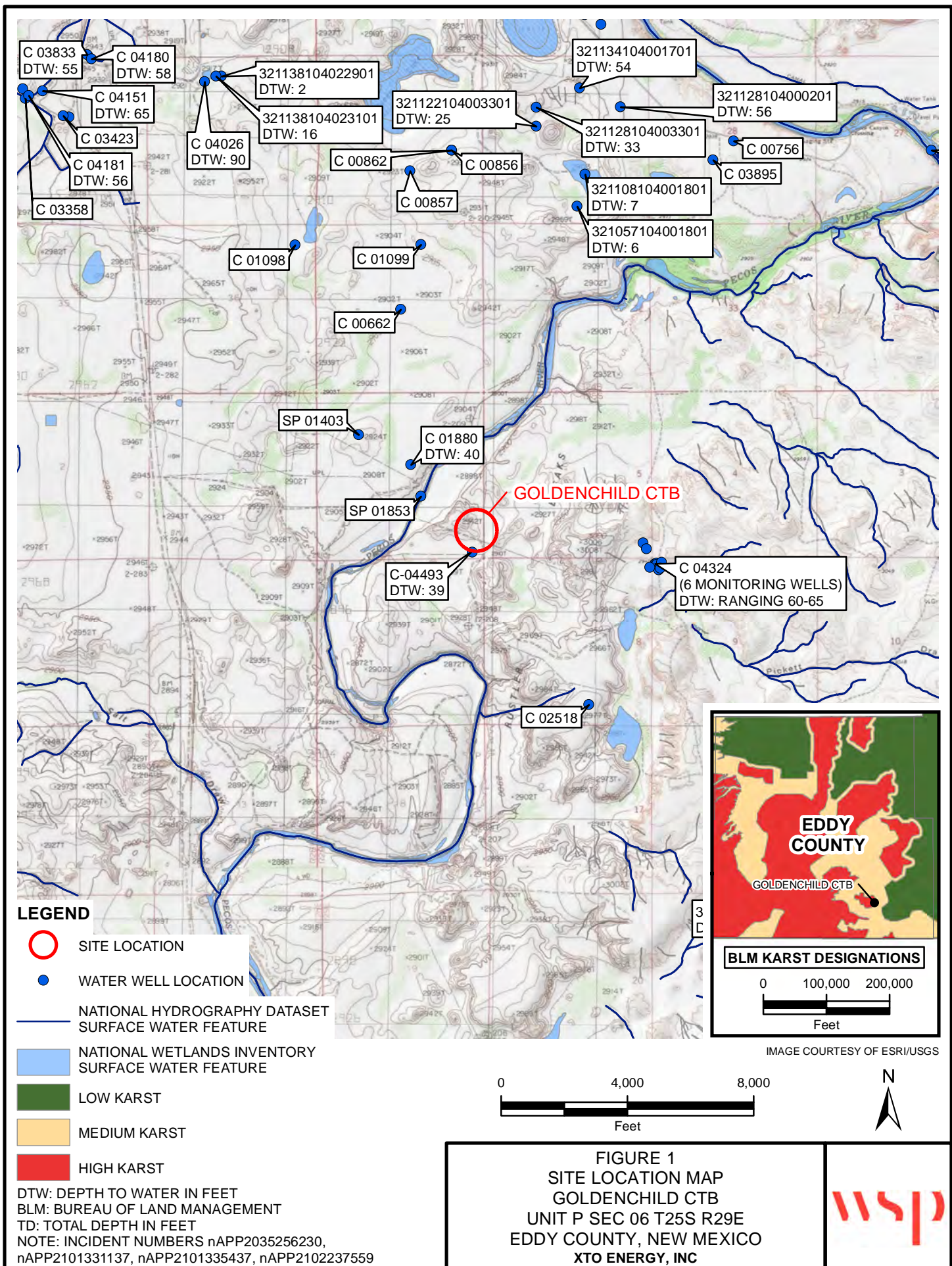
Ashley L. Ager, P.G.
Managing Director, Geologist

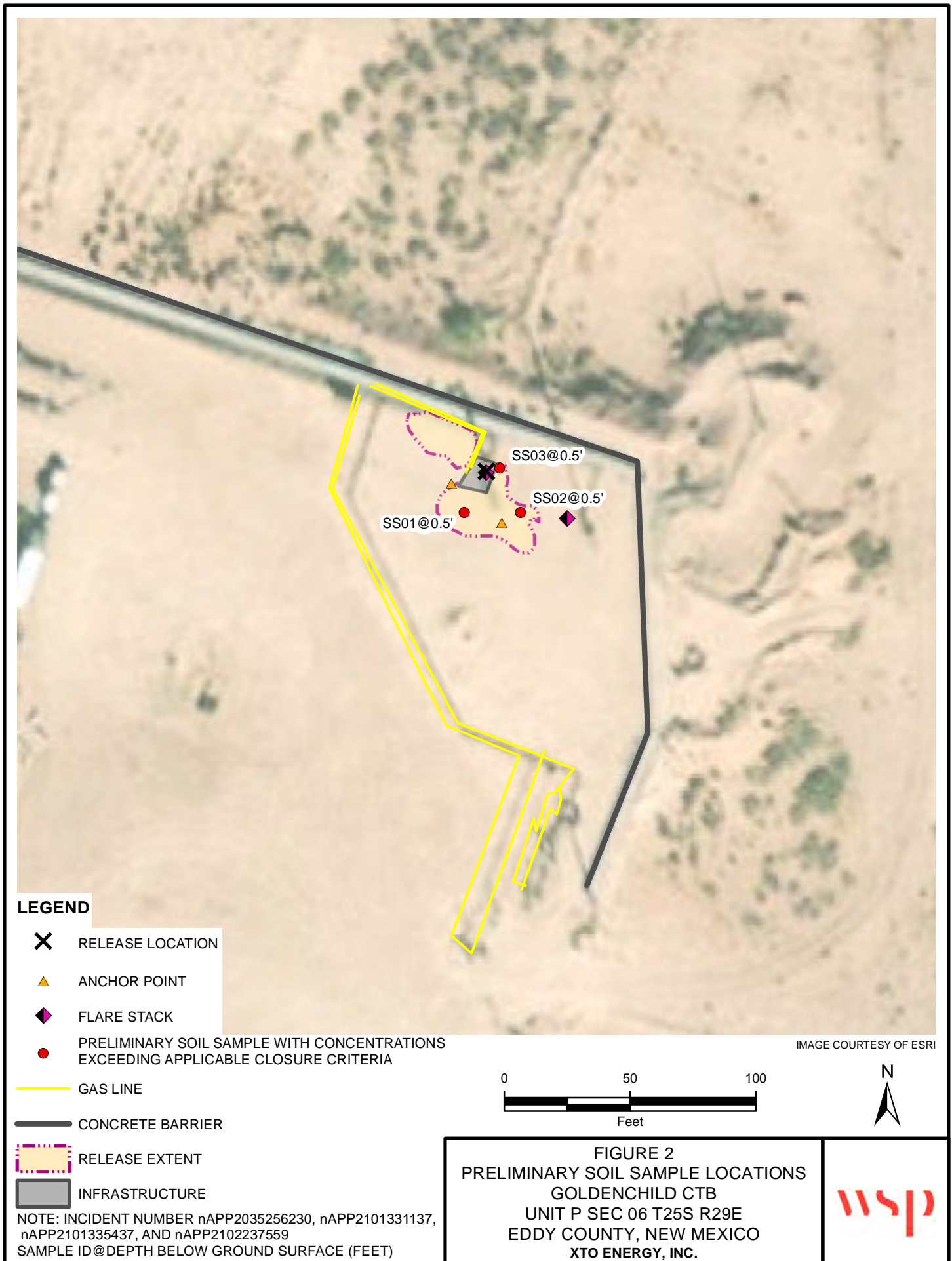
cc: Kyle Littrell, XTO
Ryan Mann, New Mexico State Land Office

Attachments:

Figure 1 Site Location Map
Figure 2 Preliminary Soil Sample Locations
Figure 3 Excavation Soil Sample Locations
Figure 4 Delineation Soil Sample Locations
Figure 5 Deferral Area
Table 1 Soil Analytical Results
Attachment 1 Referenced Well Records
Attachment 2 Lithologic/Sampling Log
Attachment 3 Photographic Log
Attachment 4 Laboratory Analytical Reports

FIGURES





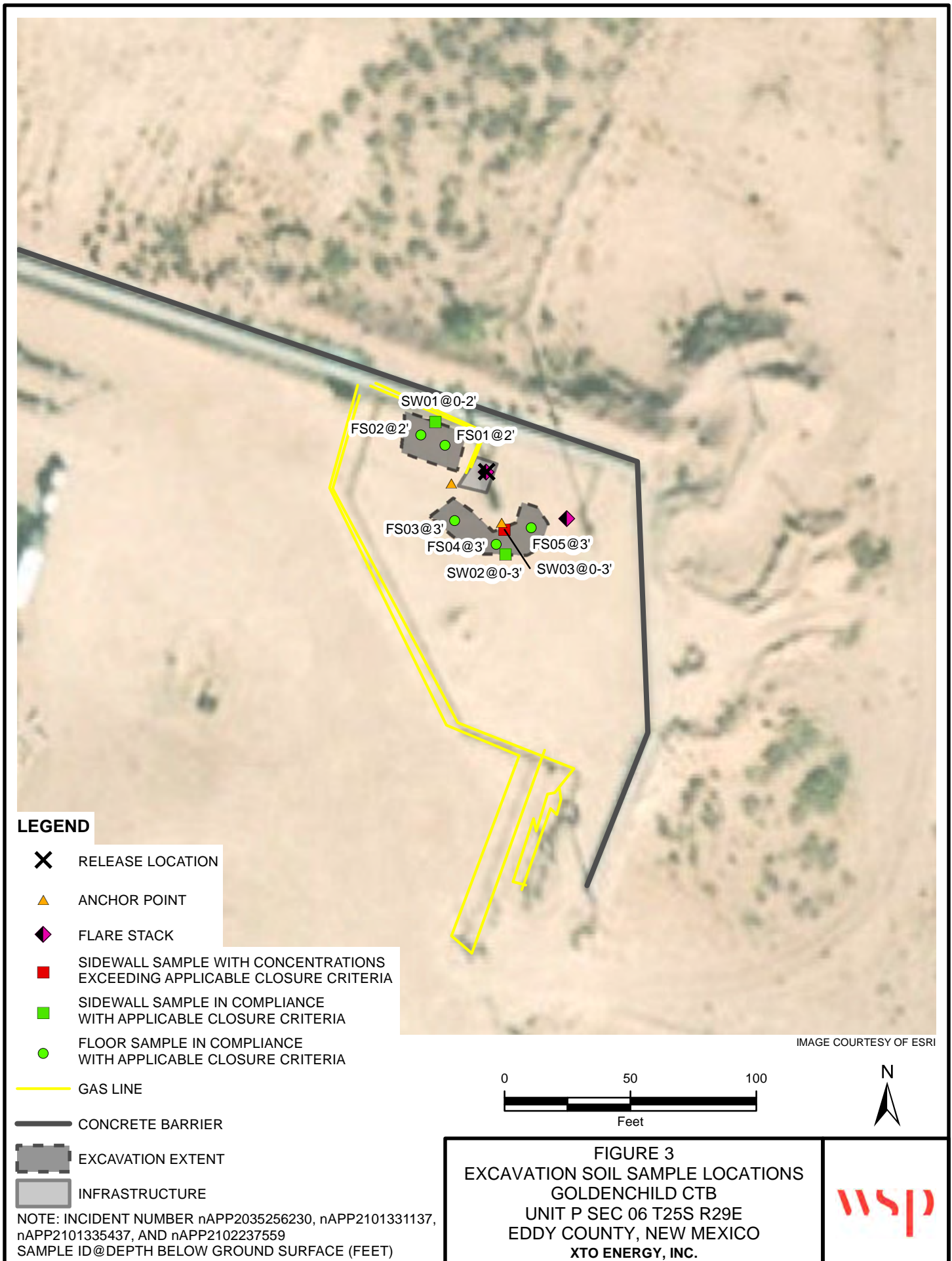




IMAGE COURTESY OF ESRI

LEGEND

RELEASE LOCATION



ANCHOR POINT



FLARE STACK



DELINEATION SOIL SAMPLE WITH CONCENTRATIONS
PREVIOUSLY EXCEEDING APPLICABLE CLOSURE
CRITERIA AND HAS BEEN EXCAVATED



DELINEATION SAMPLE IN COMPLIANCE
WITH APPLICABLE CLOSURE CRITERIA

GAS LINE

CONCRETE BARRIER

EXCAVATION EXTENT

INFRASTRUCTURE

NOTE: INCIDENT NUMBER nAPP2035256230, nAPP2101331137,
nAPP2101335437, AND nAPP2102237559
SAMPLE ID@DEPTH BELOW GROUND SURFACE (FEET)
TEXT: INDICATES SOIL REPRESENTED BY SAMPLE
THAT WAS REMOVED

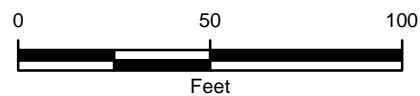
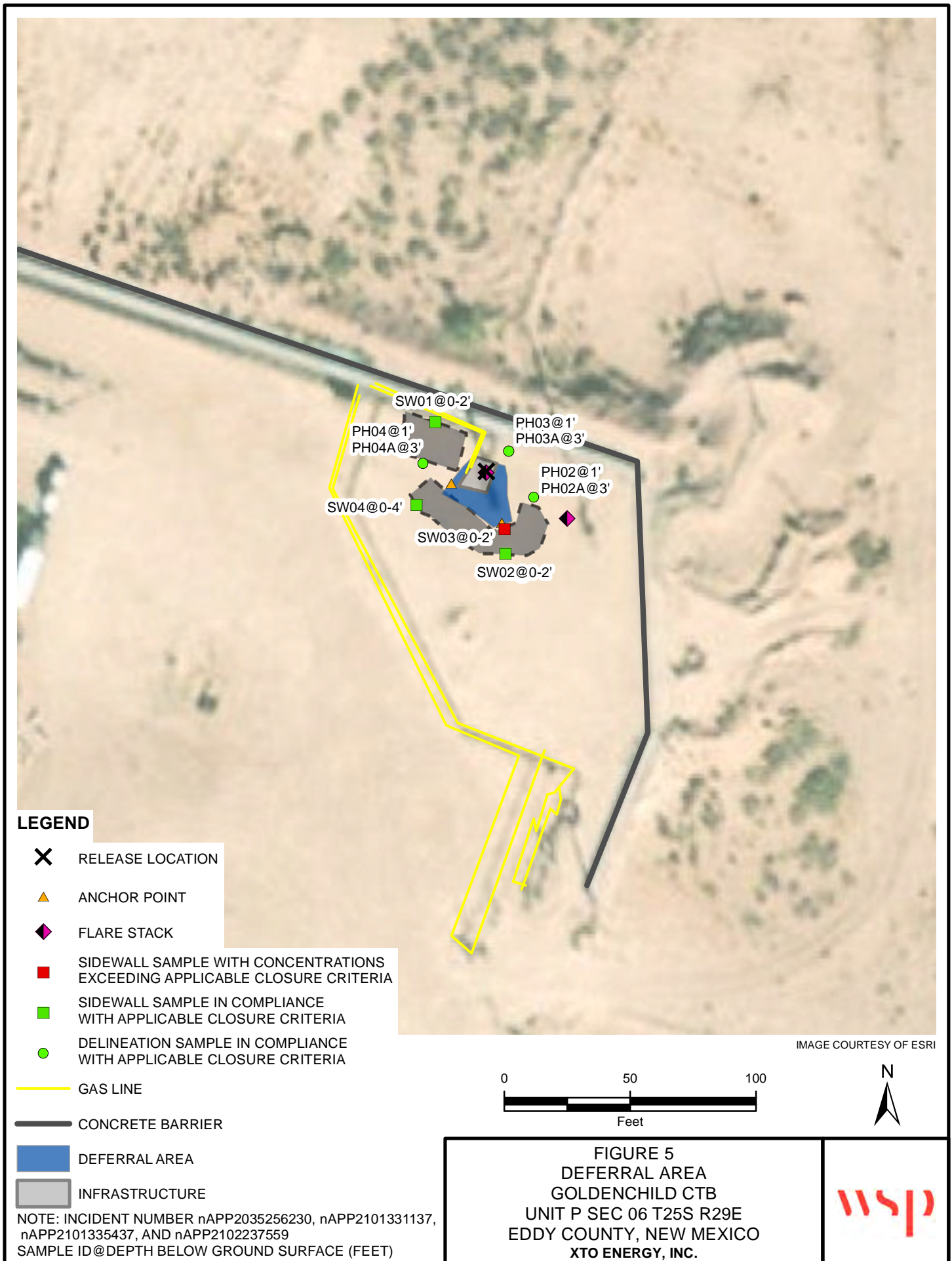


FIGURE 4
DELINEATION SOIL SAMPLE LOCATIONS
GOLDENCHILD CTB
UNIT P SEC 06 T25S R29E
EDDY COUNTY, NEW MEXICO
XTO ENERGY, INC.





TABLES

Table 1

Soil Analytical Results
Goldenchild CTB
Incident Numbers nAPP2035256230, nAPP2101331137, nAPP2101335437, and nAPP2102237559
Eddy County, New Mexico

| Sample ID | Sample Date | Sample Depth (ft bgs) | Benzene (mg/kg) | BTEX (mg/kg) | TPH-GRO (mg/kg) | TPH-DRO (mg/kg) | TPH-ORO (mg/kg) | Total GRO+DRO (mg/kg) | TPH (mg/kg) | Chloride (mg/kg) |
|---|-------------|--------------------------|--------------------|-----------------|--------------------|--------------------|--------------------|-----------------------------|----------------|---------------------|
| NMOCD Table 1 Closure Criteria (NMAC 19.15.29) | | | 10 | 50 | NE | NE | NE | NE | 100 | 600 |
| Surface Samples | | | | | | | | | | |
| SS01 | 02/01/2021 | 0.5 | <0.00202 | 0.0139 | <50.0 | 336 | 105 | 441 | 441 | 3,830 |
| SS02 | 02/01/2021 | 0.5 | <0.00202 | <0.00202 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 2,010 |
| SS03 | 02/01/2021 | 0.5 | <0.00202 | <0.00202 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 2,580 |
| Delineation Samples | | | | | | | | | | |
| PH01 | 03/30/2021 | 1 | <0.00202 | <0.00202 | 67.8 | <50.0 | <50.0 | 67.8 | 67.8 | 595 |
| PH01A | 03/30/2021 | 3 | <0.00202 | <0.00202 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 685 |
| PH02 | 03/30/2021 | 1 | <0.00202 | <0.00202 | <49.8 | <49.8 | <49.8 | <49.8 | <49.8 | 554 |
| PH02A | 03/30/2021 | 3 | <0.00200 | <0.00200 | <49.7 | <49.7 | <49.7 | <49.7 | <49.7 | 600 |
| PH03 | 03/30/2021 | 1 | <0.00200 | <0.00200 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 485 |
| PH03A | 03/30/2021 | 3 | <0.00200 | <0.00200 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 234 |
| PH04 | 04/22/2021 | 1 | <0.00198 | <0.00397 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 16.7 |
| PH04A | 04/22/2021 | 3 | <0.00202 | <0.00403 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 14.2 |
| Excavation Floor Samples | | | | | | | | | | |
| FS01 | 03/12/2021 | 2 | <0.00198 | <0.00198 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 202 |
| FS02 | 03/12/2021 | 2 | <0.00200 | <0.00200 | <49.8 | <49.8 | <49.8 | <49.8 | <49.8 | 432 |
| FS03 | 03/12/2021 | 3 | <0.00200 | <0.00200 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 45.2 |
| FS04 | 03/12/2021 | 3 | <0.00198 | <0.00198 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 45.1 |
| FS05 | 03/12/2021 | 3 | <0.00198 | <0.00198 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 31.9 |
| FS06 | 04/22/2021 | 4 | <0.00199 | 0.0221 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 21.5 |

Table 1

Soil Analytical Results
Goldenchild CTB
Incident Numbers nAPP2035256230, nAPP2101331137, nAPP2101335437, and nAPP2102237559
Eddy County, New Mexico

| Sample ID | Sample Date | Sample Depth (ft bgs) | Benzene (mg/kg) | BTEX (mg/kg) | TPH-GRO (mg/kg) | TPH-DRO (mg/kg) | TPH-ORO (mg/kg) | Total GRO+DRO (mg/kg) | TPH (mg/kg) | Chloride (mg/kg) |
|--|-------------|--------------------------|--------------------|-----------------|--------------------|--------------------|--------------------|-----------------------------|----------------|---------------------|
| NMOCD Table 1 Closure Criteria (NMAC 19.15.29) | | | 10 | 50 | NE | NE | NE | NE | 100 | 600 |
| Excavation Sidewall Samples | | | | | | | | | | |
| SW01 | 03/12/2021 | 0 - 2 | <0.00199 | <0.00199 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 390 |
| SW02 | 03/12/2021 | 0 - 3 | <0.00199 | <0.00199 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 236 |
| SW03 | 03/12/2021 | 0 - 3 | <0.00200 | <0.00200 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 1,430 |
| SW04 | 04/22/2021 | 0 - 4 | <0.00199 | <0.00398 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 21.0 |

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

Text

impacted soil was excavated

ATTACHMENT 1: REFERENCED WELL RECORD



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

12/16/2020

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

Hand Delivered to the DII Office of the State Engineer

Re: Well Record C-4493 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-4493 Pod1.

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

Sincerely,

A handwritten signature in black ink that reads "Lucas Middleton". The signature is written in a cursive, flowing style.

Lucas Middleton

Enclosures: as noted above



OSE DII DEC 17 2020 PM1:54

DSE DIT DEC 17 2020 PM 1:54



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-4493-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: 04/30/21
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Shane Eldridge
- 4) Date well plugging began: 11/23/2020 Date well plugging concluded: 11/23/2020
- 5) GPS Well Location: Latitude: 32 deg, 9 min, 9.09 sec
Longitude: -104 deg, 0 min, 58.81 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 40 ft below ground level (bgl),
by the following manner: weighted tape
- 7) Static water level measured at initiation of plugging: 37.05 ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 11/12/2020
- 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):

Comments

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

III. SIGNATURE:

Jack Atkins

12/15/2020

Date _____

Released to Imaging: 6/28/2022 1:12:34 PM

2020-12-15_C-4493_POD1_OSE_Well Record and Log_Cattle-forsign

Final Audit Report






2020-12-15

APPLICANT
COPY

Created: 2020-12-15
By: Lucas Middleton (lucas@atkinseng.com)
Status: Signed
Transaction ID: CBJCHBCAABAAAnq4xUbZe1ADExmp8BGfUeuw8WVrl_oBj

OSE DIT DEC 17 2020 PM 1:54

"2020-12-15_C-4493_POD1_OSE_Well Record and Log_Cattle-forsign" History

-  Document created by Lucas Middleton (lucas@atkinseng.com)
2020-12-15 - 8:38:23 PM GMT- IP address: 69.21.248.123
-  Document emailed to Jack Atkins (jack@atkinseng.com) for signature
2020-12-15 - 8:39:02 PM GMT
-  Email viewed by Jack Atkins (jack@atkinseng.com)
2020-12-15 - 11:11:04 PM GMT- IP address: 74.50.153.115
-  Document e-signed by Jack Atkins (jack@atkinseng.com)
Signature Date: 2020-12-15 - 11:12:51 PM GMT - Time Source: server- IP address: 74.50.153.115
-  Agreement completed.
2020-12-15 - 11:12:51 PM GMT

**Adobe Sign**



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

OSE DTI DEC 17 2020 PM 1:54

APPROVED
COP
CANT

| | | | | | | | | |
|--|---|------------------------------|---|---|---|--|--------------------------------------|--------------------------|
| 1. GENERAL AND WELL LOCATION | OSE POD NO. (WELL NO.) POD1 (BH-01) | | WELL TAG ID NO. n/a | | OSE FILE NO(S). C-4493 | | | |
| | 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 9' | SECONDS 9.09" N | * ACCURACY REQUIRED: ONE TENTH OF A SECOND | | | |
| | | LONGITUDE -104° | 0' | 58.81" W | * DATUM REQUIRED: WGS 84 | | | |
| DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE SE NE SE Sec. 6 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 11/18/2020 | DRILLING ENDED 11/18/2020 | DEPTH OF COMPLETED WELL (FT) temporary well material | | BORE HOLE DEPTH (FT) 57 | DEPTH WATER FIRST ENCOUNTERED (FT) ±39 | | |
| | COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input type="checkbox"/> DRY HOLE <input checked="" type="checkbox"/> SHALLOW (UNCONFINED) | | | | | STATIC WATER LEVEL IN COMPLETED WELL (FT) 37.05 | | |
| | DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY: | | | | | | | |
| | DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> 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 | 57 | ±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 |


DSE DTI DEC 17 2020 PM1:54


HYDROGEOLOGIC LOG OF WELL


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

ATTACHMENT 2: LITHOLOGIC/SAMPLING LOG

|  WSP USA 508 West Stevens Street Carlsbad, New Mexico 88220 | | | | | BH or PH Name: PH01 | | Date: 3/30/2021 | | |
|---|----------------|-------------|-----------------------------------|----------|--|----------------|--------------------|----------------------------|--|
| | | | | | Site Name: Goldenchild | | | | |
| | | | | | RP or Incident Number: nAPP2035256230, nAPP2101331137, | | | | |
| | | | | | WSP Job Number: TE012921018 | | | | |
| LITHOLOGIC / SOIL SAMPLING LOG | | | | | | | | | |
| Lat/Long: | | | Field Screening: Chloride, PID | | | Logged By WM | | Method: Backhoe | |
| | | | | | | Hole Diameter: | | Total Depth: 3' | |
| Comments: | | | | | | | | | |
| Moisture Content | Chloride (ppm) | Vapor (ppm) | Staining | Sample # | Sample Depth (ft bgs) | Depth (ft bgs) | USCS/Rock Symbol | Lithology/Remarks | |
| | 442 | 0.3 | N | PH01 | 1' | 1 | | Caliche, no stain, no odor | |
| | 582 | 0.3 | N | PH01A | 3' | 3 | | Caliche, no stain, no odor | |
| | | | | | | 2 | | | |
| | | | | | | 4 | | | |
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| | | | | | | 7 | | | |
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| | | | | | | 10 | | | |
| | | | | | | 11 | | | |
| | | | | | | 12 | | | |

|  WSP USA 508 West Stevens Street Carlsbad, New Mexico 88220 | | | | | BH or PH Name: | | Date: | |
|---|----------------|-------------|------------------|----------|--|----------------|------------------|----------------------------|
| | | | | | PH02 | | 3/30/2021 | |
| | | | | | Site Name: | | Goldenchild | |
| | | | | | RP or Incident Number: nAPP2035256230, nAPP2101331137, | | | |
| WSP Job Number: TE012921018 | | | | | Logged By WM | | Method: Backhoe | |
| LITHOLOGIC / SOIL SAMPLING LOG | | | | | Hole Diameter: | | Total Depth: | |
| Lat/Long: | | | Field Screening: | | Chloride, PID | | 3' | |
| Comments: | | | | | | | | |
| Moisture Content | Chloride (ppm) | Vapor (ppm) | Staining | Sample # | Sample Depth (ft bgs) | Depth (ft bgs) | USCS/Rock Symbol | Lithology/Remarks |
| | 442 | 0.7 | N | PH02 | 1' | 0 | | Caliche, no stain, no odor |
| | 464 | 0.7 | N | PH02A | 3' | 3 | | Caliche, no stain, no odor |
| | | | | | | 4 | | |
| | | | | | | 5 | | |
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| | | | | | | 9 | | |
| | | | | | | 10 | | |
| | | | | | | 11 | | |
| | | | | | | 12 | | |

|  WSP USA 508 West Stevens Street Carlsbad, New Mexico 88220 | | | | | BH or PH Name: | | Date: | | |
|---|----------------|-------------|----------|------------------|--|----------------|------------------|----------------------------|--|
| | | | | | PH03 | | 3/30/2021 | | |
| | | | | | Site Name: | | Goldenchild | | |
| | | | | | RP or Incident Number: nAPP2035256230, nAPP2101331137, | | | | |
| WSP Job Number: TE012921018 | | | | | | | | | |
| LITHOLOGIC / SOIL SAMPLING LOG | | | | | | Logged By WM | | Method: Backhoe | |
| Lat/Long: | | | | Field Screening: | | Hole Diameter: | | Total Depth: | |
| | | | | Chloride, PID | | | | 3' | |
| Comments: | | | | | | | | | |
| Moisture Content | Chloride (ppm) | Vapor (ppm) | Staining | Sample # | Sample Depth (ft bgs) | Depth (ft bgs) | USCS/Rock Symbol | Lithology/Remarks | |
| | 364 | 1.9 | N | PH03 | 1' | 1 | | Caliche, no stain, no odor | |
| | 296 | 1.9 | N | PH03A | 3' | 3 | | Caliche, no stain, no odor | |
| | | | | | | 2 | | | |
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| | | | | | | 8 | | | |
| | | | | | | 9 | | | |
| | | | | | | 10 | | | |
| | | | | | | 11 | | | |
| | | | | | | 12 | | | |


|  WSP USA 508 West Stevens Street Carlsbad, New Mexico 88220 | | | | | BH or PH Name: | | Date: | | |
|---|----------------|-------------|----------|------------------|--|----------------|------------------|----------------------------|--|
| | | | | | PH04 | | 4/22/2021 | | |
| | | | | | Site Name: | | Goldenchild | | |
| | | | | | RP or Incident Number: nAPP2035256230, nAPP2101331137, | | | | |
| WSP Job Number: TE012921018 | | | | | | | | | |
| LITHOLOGIC / SOIL SAMPLING LOG | | | | | | Logged By EN | | Method: Backhoe | |
| Lat/Long: | | | | Field Screening: | | Hole Diameter: | | Total Depth: | |
| | | | | Chloride, PID | | | | 3' | |
| Comments: | | | | | | | | | |
| Moisture Content | Chloride (ppm) | Vapor (ppm) | Staining | Sample # | Sample Depth (ft bgs) | Depth (ft bgs) | USCS/Rock Symbol | Lithology/Remarks | |
| | 296 | 0.0 | N | PH04 | 1' | 1 | | Caliche, no stain, no odor | |
| | <180 | 0.0 | N | PH04A | 3' | 3 | | Caliche, no stain, no odor | |
| | | | | | | 2 | | | |
| | | | | | | 4 | | | |
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| | | | | | | 12 | | | |

ATTACHMENT 3: PHOTOGRAPHIC LOG



PHOTOGRAPHIC LOG

| | | |
|-------------------------|--|--------------------------------|
| XTO Energy, Inc. | Goldenchild CTB | Eddy County, New Mexico |
| | nAPP2035256230, nAPP2101331137, nAPP2101335437, nAPP2102237559 | |


| Photo No. | Date | |
|--|------------------|---|
| 1 | February 2, 2021 | |
| View of staining on pad facing northeast near low pressure flare | |  |

| Photo No. | Date | |
|--|----------------|--|
| 2 | March 10, 2021 | |
| View of excavation activities at FS01 and FS02 location. | |  |

**PHOTOGRAPHIC LOG**

| | | |
|-------------------------|--|--------------------------------|
| XTO Energy, Inc. | Goldenchild CTB nAPP2035256230, nAPP2101331137, nAPP2101335437, nAPP2102237559 | Eddy County, New Mexico |
|-------------------------|--|--------------------------------|

| Photo No. | Date | |
|--------------------------------|----------------|---|
| 3 | March 12, 2021 | |
| View of excavation facing east | |  |

| Photo No. | Date | |
|--|----------------|--|
| 4 | March 30, 2021 | |
| View of delineation pothole sample PH02 between flare stacks | |  |



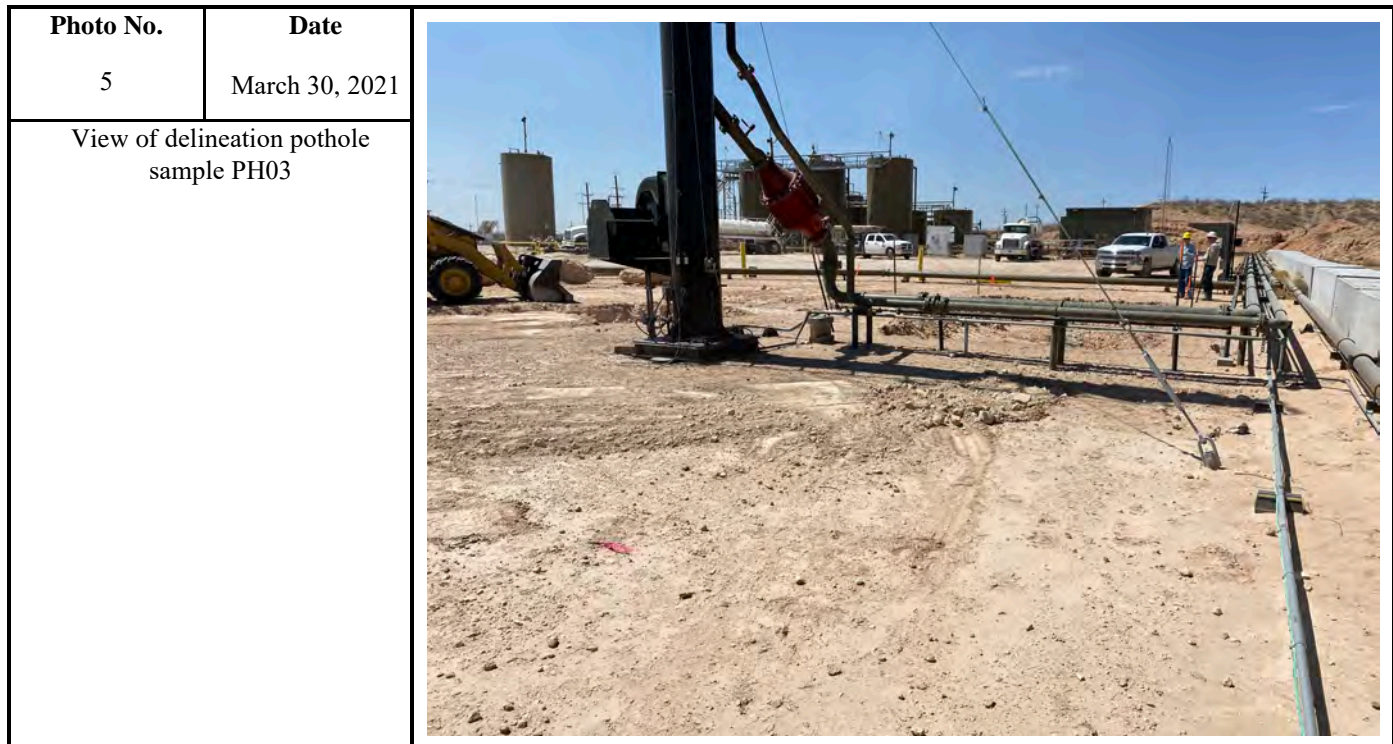
PHOTOGRAPHIC LOG

XTO Energy, Inc.

Goldenchild CTB

Eddy County, New Mexico


nAPP2035256230, nAPP2101331137, nAPP2101335437, nAPP2102237559





PHOTOGRAPHIC LOG

| | | |
|-------------------------|--|--------------------------------|
| XTO Energy, Inc. | Goldenchild CTB nAPP2035256230, nAPP2101331137, nAPP2101335437, nAPP2102237559 | Eddy County, New Mexico |
|-------------------------|--|--------------------------------|

| Photo No. | Date | |
|---|----------------|---|
| 7 | March 30, 2021 | |
| View of deferral area around the flare stack and adjacent to the anchor points. | |  |

| Photo No. | Date | |
|---|----------------|--|
| 8 | April 22, 2021 | |
| Backfill activities completed at the Site | |  |

ATTACHMENT 4: LABORATORY ANALYTICAL RESULTS



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 890-110-1
Client Project/Site: Goldenchlid CTB

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:
2/8/2021 6:56:14 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: Goldenchlid CTB

Laboratory Job ID: 890-110-1

Table of Contents

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| Table of Contents | 2 |
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| Case Narrative | 4 |
| Detection Summary | 5 |
| Client Sample Results | 6 |
| Surrogate Summary | 8 |
| QC Sample Results | 9 |
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| Method Summary | 16 |
| Sample Summary | 17 |
| Chain of Custody | 18 |
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Definitions/Glossary

Client: WSP USA Inc.
Project/Site: Goldenchlid CTB

Job ID: 890-110-1

Qualifiers

GC 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 |

Eurofins Xenco, Carlsbad

Case Narrative

Client: WSP USA Inc.
Project/Site: Goldenchlid CTB

Job ID: 890-110-1

Job ID: 890-110-1

Laboratory: Eurofins Xenco, Carlsbad

Narrative

Job Narrative 890-110-1

Receipt

The samples were received on 2/1/2021 12:11 PM; the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.8°C

GC 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 890-99 and analytical batch 890-107 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

Detection Summary

Client: WSP USA Inc.
Project/Site: Goldenchlid CTB

Job ID: 890-110-1

Client Sample ID: SS01 @ 0.3'

Lab Sample ID: 890-110-1

Sample Analysis Not Complete.

Client Sample ID: SS02 @ 0.3'

Lab Sample ID: 890-110-2

Sample Analysis Not Complete.

Client Sample ID: SS03 @ 0.3'

Lab Sample ID: 890-110-3

Sample Analysis Not Complete.

Client Sample Results

Client: WSP USA Inc.
Project/Site: Goldenchlid CTB

Job ID: 890-110-1

Client Sample ID: SS01 @ 0.3'

Lab Sample ID: 890-110-1

Date Collected: 02/01/21 00:00

Matrix: Solid

Date Received: 02/01/21 12:11

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------|----------|-----------|---------|-------|---|----------------|----------------|---------|
| Benzene | <0.00202 | U | 0.00202 | mg/Kg | | 02/01/21 16:19 | 02/03/21 02:36 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | mg/Kg | | 02/01/21 16:19 | 02/03/21 02:36 | 1 |
| Toluene | 0.00504 | | 0.00202 | mg/Kg | | 02/01/21 16:19 | 02/03/21 02:36 | 1 |
| Total BTEX | 0.0139 | | 0.00202 | mg/Kg | | 02/01/21 16:19 | 02/03/21 02:36 | 1 |
| Xylenes, Total | 0.00881 | | 0.00202 | mg/Kg | | 02/01/21 16:19 | 02/03/21 02:36 | 1 |
| m,p-Xylenes | 0.00616 | | 0.00403 | mg/Kg | | 02/01/21 16:19 | 02/03/21 02:36 | 1 |
| o-Xylene | 0.00265 | | 0.00202 | mg/Kg | | 02/01/21 16:19 | 02/03/21 02:36 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,4-Difluorobenzene | 97 | | 70 - 130 | 02/01/21 16:19 | 02/03/21 02:36 | 1 |
| 4-Bromofluorobenzene (Surr) | 97 | | 70 - 130 | 02/01/21 16:19 | 02/03/21 02:36 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 3830 | | 49.5 | mg/Kg | | | 02/02/21 12:10 | 5 |

Method: SW8015-MOD - SW846 8015B TPH ORO

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (DRO) | 336 | | 50.0 | | mg/kg | | 02/03/21 12:00 | 02/03/21 18:59 | 1 |
| Gasoline Range Hydrocarbons (GRO) | <50.0 | | 50.0 | | mg/kg | | 02/03/21 12:00 | 02/03/21 18:59 | 1 |
| Motor Oil Range Hydrocarbons (MRO) | 105 | | 50.0 | | mg/kg | | 02/03/21 12:00 | 02/03/21 18:59 | 1 |
| Total TPH | 441 | | 50.0 | | mg/kg | | 02/03/21 12:00 | 02/03/21 18:59 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 103 | | 70 - 135 | 02/03/21 12:00 | 02/03/21 18:59 | 1 |
| o-Terphenyl | 111 | | 70 - 135 | 02/03/21 12:00 | 02/03/21 18:59 | 1 |

Client Sample ID: SS02 @ 0.3'

Lab Sample ID: 890-110-2

Date Collected: 02/01/21 00:00

Matrix: Solid

Date Received: 02/01/21 12:11

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------|----------|-----------|---------|-------|---|----------------|----------------|---------|
| Benzene | <0.00202 | U | 0.00202 | mg/Kg | | 02/01/21 16:19 | 02/03/21 02:59 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | mg/Kg | | 02/01/21 16:19 | 02/03/21 02:59 | 1 |
| Toluene | <0.00202 | U | 0.00202 | mg/Kg | | 02/01/21 16:19 | 02/03/21 02:59 | 1 |
| Total BTEX | <0.00202 | U | 0.00202 | mg/Kg | | 02/01/21 16:19 | 02/03/21 02:59 | 1 |
| Xylenes, Total | <0.00202 | U | 0.00202 | mg/Kg | | 02/01/21 16:19 | 02/03/21 02:59 | 1 |
| m,p-Xylenes | <0.00403 | U | 0.00403 | mg/Kg | | 02/01/21 16:19 | 02/03/21 02:59 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | mg/Kg | | 02/01/21 16:19 | 02/03/21 02:59 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,4-Difluorobenzene | 99 | | 70 - 130 | 02/01/21 16:19 | 02/03/21 02:59 | 1 |
| 4-Bromofluorobenzene (Surr) | 100 | | 70 - 130 | 02/01/21 16:19 | 02/03/21 02:59 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 2010 | | 49.5 | mg/Kg | | | 02/02/21 12:16 | 5 |

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Goldenchlid CTB

Job ID: 890-110-1

Client Sample ID: SS02 @ 0.3'

Lab Sample ID: 890-110-2

Date Collected: 02/01/21 00:00

Matrix: Solid

Date Received: 02/01/21 12:11

Method: SW8015-MOD - SW846 8015B TPH ORO

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (DRO) | <50.0 | | 50.0 | | mg/kg | | 02/03/21 12:00 | 02/03/21 19:20 | 1 |
| Gasoline Range Hydrocarbons (GRO) | <50.0 | | 50.0 | | mg/kg | | 02/03/21 12:00 | 02/03/21 19:20 | 1 |
| Motor Oil Range Hydrocarbons (MRO) | <50.0 | | 50.0 | | mg/kg | | 02/03/21 12:00 | 02/03/21 19:20 | 1 |
| Total TPH | <50.0 | | 50.0 | | mg/kg | | 02/03/21 12:00 | 02/03/21 19:20 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 102 | | 70 - 135 | 02/03/21 12:00 | 02/03/21 19:20 | 1 |
| o-Terphenyl | 109 | | 70 - 135 | 02/03/21 12:00 | 02/03/21 19:20 | 1 |

Client Sample ID: SS03 @ 0.3'

Lab Sample ID: 890-110-3

Date Collected: 02/01/21 00:00

Matrix: Solid

Date Received: 02/01/21 12:11

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------|----------|-----------|---------|-------|---|----------------|----------------|---------|
| Benzene | <0.00202 | U | 0.00202 | mg/Kg | | 02/01/21 16:19 | 02/03/21 03:21 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | mg/Kg | | 02/01/21 16:19 | 02/03/21 03:21 | 1 |
| Toluene | <0.00202 | U | 0.00202 | mg/Kg | | 02/01/21 16:19 | 02/03/21 03:21 | 1 |
| Total BTEX | <0.00202 | U | 0.00202 | mg/Kg | | 02/01/21 16:19 | 02/03/21 03:21 | 1 |
| Xylenes, Total | <0.00202 | U | 0.00202 | mg/Kg | | 02/01/21 16:19 | 02/03/21 03:21 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | mg/Kg | | 02/01/21 16:19 | 02/03/21 03:21 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | mg/Kg | | 02/01/21 16:19 | 02/03/21 03:21 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,4-Difluorobenzene | 99 | | 70 - 130 | 02/01/21 16:19 | 02/03/21 03:21 | 1 |
| 4-Bromofluorobenzene (Surr) | 103 | | 70 - 130 | 02/01/21 16:19 | 02/03/21 03:21 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 2580 | | 49.6 | mg/Kg | | | 02/02/21 12:21 | 5 |

Method: SW8015-MOD - SW846 8015B TPH ORO

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (DRO) | <50.0 | | 50.0 | | mg/kg | | 02/03/21 12:00 | 02/03/21 19:42 | 1 |
| Gasoline Range Hydrocarbons (GRO) | <50.0 | | 50.0 | | mg/kg | | 02/03/21 12:00 | 02/03/21 19:42 | 1 |
| Motor Oil Range Hydrocarbons (MRO) | <50.0 | | 50.0 | | mg/kg | | 02/03/21 12:00 | 02/03/21 19:42 | 1 |
| Total TPH | <50.0 | | 50.0 | | mg/kg | | 02/03/21 12:00 | 02/03/21 19:42 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 98 | | 70 - 135 | 02/03/21 12:00 | 02/03/21 19:42 | 1 |
| o-Terphenyl | 108 | | 70 - 135 | 02/03/21 12:00 | 02/03/21 19:42 | 1 |

Eurofins Xenco, Carlsbad

Surrogate Summary

Client: WSP USA Inc.
Project/Site: Goldenchlid CTB

Job ID: 890-110-1

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) |
| 890-110-1 | SS01 @ 0.3' | 97 | 97 |
| 890-110-2 | SS02 @ 0.3' | 99 | 100 |
| 890-110-3 | SS03 @ 0.3' | 99 | 103 |
| LCS 890-89/2-A | Lab Control Sample | 93 | 98 |
| LCSD 890-89/3-A | Lab Control Sample Dup | 96 | 94 |
| MB 890-89/1-A | Method Blank | 99 | 99 |
| Surrogate Legend | | | |
| DFBZ = 1,4-Difluorobenzene | | | |
| BFB = 4-Bromofluorobenzene (Surr) | | | |

Method: SW8015-MOD - SW846 8015B TPH ORO

Matrix: Solid

Prep Type: Total/NA

| | | Percent Surrogate Recovery (Acceptance Limits) | |
|-------------------------|------------------|--|------------------|
| Lab Sample ID | Client Sample ID | 1CO (70-135) | OTPH (70-135) |
| 890-110-1 | SS01 @ 0.3' | 103 | 111 |
| 890-110-2 | SS02 @ 0.3' | 102 | 109 |
| 890-110-3 | SS03 @ 0.3' | 98 | 108 |
| Surrogate Legend | | | |
| 1CO = 1-Chlorooctane | | | |
| OTPH = o-Terphenyl | | | |

Eurofins Xenco, Carlsbad

QC Sample Results

Client: WSP USA Inc.
Project/Site: Goldenchlid CTB

Job ID: 890-110-1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 890-89/1-A

Matrix: Solid

Analysis Batch: 113

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 89

| Analyte | MB Result | MB Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------|--------------|-----------------|---------|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | mg/Kg | | 02/01/21 16:19 | 02/02/21 19:48 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | mg/Kg | | 02/01/21 16:19 | 02/02/21 19:48 | 1 |
| Toluene | <0.00200 | U | 0.00200 | mg/Kg | | 02/01/21 16:19 | 02/02/21 19:48 | 1 |
| Total BTEX | <0.00200 | U | 0.00200 | mg/Kg | | 02/01/21 16:19 | 02/02/21 19:48 | 1 |
| Xylenes, Total | <0.00200 | U | 0.00200 | mg/Kg | | 02/01/21 16:19 | 02/02/21 19:48 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | mg/Kg | | 02/01/21 16:19 | 02/02/21 19:48 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | mg/Kg | | 02/01/21 16:19 | 02/02/21 19:48 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------------|-----------------|----------|----------------|----------------|---------|
| 1,4-Difluorobenzene | 99 | | 70 - 130 | 02/01/21 16:19 | 02/02/21 19:48 | 1 |
| 4-Bromofluorobenzene (Surr) | 99 | | 70 - 130 | 02/01/21 16:19 | 02/02/21 19:48 | 1 |

Lab Sample ID: LCS 890-89/2-A

Matrix: Solid

Analysis Batch: 113

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 89

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|--------------|----------------|---------------|------------------|-------|---|------|-----------------|
| Benzene | 0.100 | 0.09618 | | mg/Kg | | 96 | 70 - 130 |
| Ethylbenzene | 0.100 | 0.09901 | | mg/Kg | | 99 | 71 - 129 |
| Toluene | 0.100 | 0.09831 | | mg/Kg | | 98 | 70 - 130 |
| m,p-Xylenes | 0.200 | 0.2015 | | mg/Kg | | 101 | 70 - 135 |
| o-Xylene | 0.100 | 0.1002 | | mg/Kg | | 100 | 71 - 133 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|-----------------------------|------------------|------------------|----------|
| 1,4-Difluorobenzene | 93 | | 70 - 130 |
| 4-Bromofluorobenzene (Surr) | 98 | | 70 - 130 |

Lab Sample ID: LCSD 890-89/3-A

Matrix: Solid

Analysis Batch: 113

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 89

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|--------------|----------------|----------------|-------------------|-------|---|------|-----------------|-----|--------------|
| Benzene | 0.100 | 0.09257 | | mg/Kg | | 93 | 70 - 130 | 4 | 35 |
| Ethylbenzene | 0.100 | 0.09159 | | mg/Kg | | 92 | 71 - 129 | 8 | 35 |
| Toluene | 0.100 | 0.09376 | | mg/Kg | | 94 | 70 - 130 | 5 | 35 |
| m,p-Xylenes | 0.200 | 0.1857 | | mg/Kg | | 93 | 70 - 135 | 8 | 35 |
| o-Xylene | 0.100 | 0.09487 | | mg/Kg | | 95 | 71 - 133 | 5 | 35 |

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

Eurofins Xenco, Carlsbad

QC Sample Results

Client: WSP USA Inc.
Project/Site: Goldenchlid CTB

Job ID: 890-110-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 890-99/11-A

Matrix: Solid

Analysis Batch: 107

Client Sample ID: Method Blank

Prep Type: Soluble

| Analyte | MB Result | MB Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|-----------|--------------|------|-------|---|----------|----------------|---------|
| Chloride | <9.96 | U | 9.96 | mg/Kg | | | 02/02/21 10:11 | 1 |

Lab Sample ID: LCS 890-99/12-A

Matrix: Solid

Analysis Batch: 107

Client Sample ID: Lab Control Sample

Prep Type: Soluble

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|----------|-------------|------------|---------------|-------|---|------|--------------|
| Chloride | 202 | 202.4 | | mg/Kg | | 100 | 90 - 110 |

Lab Sample ID: LCSD 890-99/13-A

Matrix: Solid

Analysis Batch: 107

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 | 199 | 194.1 | | mg/Kg | | 98 | 90 - 110 | 4 | 20 |

Lab Sample ID: 890-110-3 MS

Matrix: Solid

Analysis Batch: 107

Client Sample ID: SS03 @ 0.3'

Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|--------------|
| Chloride | 2580 | | 101 | 2811 | 4 | mg/Kg | | 230 | 90 - 110 |

Lab Sample ID: 890-110-3 MSD

Matrix: Solid

Analysis Batch: 107

Client Sample ID: SS03 @ 0.3'

Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|------------|---------------|-------|---|------|--------------|-----|-----------|
| Chloride | 2580 | | 101 | 2752 | 4 | mg/Kg | | 171 | 90 - 110 | 2 | 20 |

Lab Sample ID: MB 890-138/1-A

Matrix: Solid

Analysis Batch: 130

Client Sample ID: Method Blank

Prep Type: Soluble

| Analyte | MB Result | MB Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|-----------|--------------|------|-------|---|----------|----------------|---------|
| Chloride | <9.96 | U | 9.96 | mg/Kg | | | 02/03/21 11:27 | 1 |

Lab Sample ID: LCS 890-138/2-A

Matrix: Solid

Analysis Batch: 130

Client Sample ID: Lab Control Sample

Prep Type: Soluble

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|----------|-------------|------------|---------------|-------|---|------|--------------|
| Chloride | 505 | 494.6 | | mg/Kg | | 98 | 90 - 110 |

Lab Sample ID: LCSD 890-138/3-A

Matrix: Solid

Analysis Batch: 130

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 | 497 | 481.7 | | mg/Kg | | 97 | 90 - 110 | 3 | 20 |

Eurofins Xenco, Carlsbad

QC Sample Results

Client: WSP USA Inc.
Project/Site: Goldenchlid CTB

Job ID: 890-110-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-110-3 MS

Matrix: Solid

Analysis Batch: 130

Client Sample ID: SS03 @ 0.3'

Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|--------------|
| Chloride | 2610 | | 503 | 2979 | 4 | mg/Kg | | 74 | 90 - 110 |

Lab Sample ID: 890-110-3 MSD

Matrix: Solid

Analysis Batch: 130

Client Sample ID: SS03 @ 0.3'

Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|------------|---------------|-------|---|------|--------------|-----|-----------|
| Chloride | 2610 | | 504 | 2957 | 4 | mg/Kg | | 69 | 90 - 110 | 1 | 20 |

Method: SW8015-MOD - SW846 8015B TPH ORO

Lab Sample ID: 7720753-1-BLK

Matrix: SOIL

Analysis Batch: 3149994

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3149994_P

| Analyte | BLANK Result | BLANK Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------------|--------------|-----------------|----|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (DRO) | U | | 50 | | mg/kg | | 02/03/21 12:00 | 02/03/21 11:40 | 1 |
| Gasoline Range Hydrocarbons (GRO) | U | | 50 | | mg/kg | | 02/03/21 12:00 | 02/03/21 11:40 | 1 |
| Motor Oil Range Hydrocarbons (MRO) | U | | 50 | | mg/kg | | 02/03/21 12:00 | 02/03/21 11:40 | 1 |

Lab Sample ID: 7720753-1-BKS

Matrix: SOIL

Analysis Batch: 3149994

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3149994_P

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|-----------------------------------|-------------|------------|---------------|-------|---|------|--------------|
| Diesel Range Organics (DRO) | 1000 | 871 | | mg/kg | | 87 | 70 - 135 |
| Gasoline Range Hydrocarbons (GRO) | 1000 | 866 | | mg/kg | | 87 | 70 - 135 |

Lab Sample ID: 7720753-1-BSD

Matrix: SOIL

Analysis Batch: 3149994

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3149994_P

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|-----------------------------------|-------------|-------------|----------------|-------|---|------|--------------|-----|-----------|
| Diesel Range Organics (DRO) | 1000 | 1070 | | mg/kg | | 107 | 70 - 135 | 21 | 20 |
| Gasoline Range Hydrocarbons (GRO) | 1000 | 1080 | | mg/kg | | 108 | 70 - 135 | 22 | 20 |

Eurofins Xenco, Carlsbad

QC Association Summary

Client: WSP USA Inc.
Project/Site: Goldenchlid CTB

Job ID: 890-110-1

GC VOA

Prep Batch: 89

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-----------------|------------------------|-----------|--------|--------|------------|
| 890-110-1 | SS01 @ 0.3' | Total/NA | Solid | 5030C | |
| 890-110-2 | SS02 @ 0.3' | Total/NA | Solid | 5030C | |
| 890-110-3 | SS03 @ 0.3' | Total/NA | Solid | 5030C | |
| MB 890-89/1-A | Method Blank | Total/NA | Solid | 5030C | |
| LCS 890-89/2-A | Lab Control Sample | Total/NA | Solid | 5030C | |
| LCSD 890-89/3-A | Lab Control Sample Dup | Total/NA | Solid | 5030C | |

Analysis Batch: 113

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-----------------|------------------------|-----------|--------|--------|------------|
| 890-110-1 | SS01 @ 0.3' | Total/NA | Solid | 8021B | 89 |
| 890-110-2 | SS02 @ 0.3' | Total/NA | Solid | 8021B | 89 |
| 890-110-3 | SS03 @ 0.3' | Total/NA | Solid | 8021B | 89 |
| MB 890-89/1-A | Method Blank | Total/NA | Solid | 8021B | 89 |
| LCS 890-89/2-A | Lab Control Sample | Total/NA | Solid | 8021B | 89 |
| LCSD 890-89/3-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 89 |

HPLC/IC

Leach Batch: 99

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|------------------------|-----------|--------|----------|------------|
| 890-110-1 | SS01 @ 0.3' | Soluble | Solid | DI Leach | |
| 890-110-2 | SS02 @ 0.3' | Soluble | Solid | DI Leach | |
| 890-110-3 | SS03 @ 0.3' | Soluble | Solid | DI Leach | |
| MB 890-99/11-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 890-99/12-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 890-99/13-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 890-110-3 MS | SS03 @ 0.3' | Soluble | Solid | DI Leach | |
| 890-110-3 MSD | SS03 @ 0.3' | Soluble | Solid | DI Leach | |

Analysis Batch: 107

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|------------------------|-----------|--------|--------|------------|
| 890-110-1 | SS01 @ 0.3' | Soluble | Solid | 300.0 | 99 |
| 890-110-2 | SS02 @ 0.3' | Soluble | Solid | 300.0 | 99 |
| 890-110-3 | SS03 @ 0.3' | Soluble | Solid | 300.0 | 99 |
| MB 890-99/11-A | Method Blank | Soluble | Solid | 300.0 | 99 |
| LCS 890-99/12-A | Lab Control Sample | Soluble | Solid | 300.0 | 99 |
| LCSD 890-99/13-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 99 |
| 890-110-3 MS | SS03 @ 0.3' | Soluble | Solid | 300.0 | 99 |
| 890-110-3 MSD | SS03 @ 0.3' | Soluble | Solid | 300.0 | 99 |

Analysis Batch: 130

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|------------------------|-----------|--------|--------|------------|
| MB 890-138/1-A | Method Blank | Soluble | Solid | 300.0 | 138 |
| LCS 890-138/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 138 |
| LCSD 890-138/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 138 |
| 890-110-3 MS | SS03 @ 0.3' | Soluble | Solid | 300.0 | 138 |
| 890-110-3 MSD | SS03 @ 0.3' | Soluble | Solid | 300.0 | 138 |

Leach Batch: 138

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|----------------|------------------|-----------|--------|----------|------------|
| MB 890-138/1-A | Method Blank | Soluble | Solid | DI Leach | |

Eurofins Xenco, Carlsbad

QC Association Summary

Client: WSP USA Inc.
Project/Site: Goldenchlid CTB

Job ID: 890-110-1

HPLC/IC (Continued)

Leach Batch: 138 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|------------------------|-----------|--------|----------|------------|
| LCS 890-138/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 890-138/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 890-110-3 MS | SS03 @ 0.3' | Soluble | Solid | DI Leach | |
| 890-110-3 MSD | SS03 @ 0.3' | Soluble | Solid | DI Leach | |

Subcontract

Analysis Batch: 3149994

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------------|-----------|--------|------------|------------|
| 890-110-1 | SS01 @ 0.3' | Total/NA | Solid | SW8015-MOD | 3149994_P |
| 890-110-2 | SS02 @ 0.3' | Total/NA | Solid | SW8015-MOD | 3149994_P |
| 890-110-3 | SS03 @ 0.3' | Total/NA | Solid | SW8015-MOD | 3149994_P |
| 7720753-1-BLK | Method Blank | Total/NA | SOIL | SW8015-MOD | 3149994_P |
| 7720753-1-BKS | Lab Control Sample | Total/NA | SOIL | SW8015-MOD | 3149994_P |
| 7720753-1-BSD | Lab Control Sample Dup | Total/NA | SOIL | SW8015-MOD | 3149994_P |

Prep Batch: 3149994_P

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------------|-----------|--------|-----------------------|------------|
| 890-110-1 | SS01 @ 0.3' | Total/NA | Solid | SW8015P | |
| 890-110-2 | SS02 @ 0.3' | Total/NA | Solid | SW8015P | |
| 890-110-3 | SS03 @ 0.3' | Total/NA | Solid | SW8015P | |
| 7720753-1-BLK | Method Blank | Total/NA | SOIL | ***DEFAULT PREP*** | |
| 7720753-1-BKS | Lab Control Sample | Total/NA | SOIL | ***DEFAULT PREP*** | |
| 7720753-1-BSD | Lab Control Sample Dup | Total/NA | SOIL | ***DEFAULT PREP*** | |

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: WSP USA Inc.
Project/Site: Goldenchlid CTB

Job ID: 890-110-1

Client Sample ID: SS01 @ 0.3'

Lab Sample ID: 890-110-1

Date Collected: 02/01/21 00:00

Matrix: Solid

Date Received: 02/01/21 12:11

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|-----|
| Total/NA | Prep | 5030C | | | 89 | 02/01/21 16:19 | MC | XC |
| Total/NA | Analysis | 8021B | | 1 | 113 | 02/03/21 02:36 | MC | XC |
| Soluble | Leach | DI Leach | | | 99 | 02/01/21 17:00 | MC | XC |
| Soluble | Analysis | 300.0 | | 5 | 107 | 02/02/21 12:10 | MC | XC |
| Total/NA | Prep | SW8015P | | 1 | 3149994_P | 02/03/21 12:00 | | XM |
| Total/NA | Analysis | SW8015-MOD | | 1 | 3149994 | 02/03/21 18:59 | ARM | XM |

Client Sample ID: SS02 @ 0.3'

Lab Sample ID: 890-110-2

Date Collected: 02/01/21 00:00

Matrix: Solid

Date Received: 02/01/21 12:11

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|-----|
| Total/NA | Prep | 5030C | | | 89 | 02/01/21 16:19 | MC | XC |
| Total/NA | Analysis | 8021B | | 1 | 113 | 02/03/21 02:59 | MC | XC |
| Soluble | Leach | DI Leach | | | 99 | 02/01/21 17:00 | MC | XC |
| Soluble | Analysis | 300.0 | | 5 | 107 | 02/02/21 12:16 | MC | XC |
| Total/NA | Prep | SW8015P | | 1 | 3149994_P | 02/03/21 12:00 | | XM |
| Total/NA | Analysis | SW8015-MOD | | 1 | 3149994 | 02/03/21 19:20 | ARM | XM |

Client Sample ID: SS03 @ 0.3'

Lab Sample ID: 890-110-3

Date Collected: 02/01/21 00:00

Matrix: Solid

Date Received: 02/01/21 12:11

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|-----|
| Total/NA | Prep | 5030C | | | 89 | 02/01/21 16:19 | MC | XC |
| Total/NA | Analysis | 8021B | | 1 | 113 | 02/03/21 03:21 | MC | XC |
| Soluble | Leach | DI Leach | | | 99 | 02/01/21 17:00 | MC | XC |
| Soluble | Analysis | 300.0 | | 5 | 107 | 02/02/21 12:21 | MC | XC |
| Total/NA | Prep | SW8015P | | 1 | 3149994_P | 02/03/21 12:00 | | XM |
| Total/NA | Analysis | SW8015-MOD | | 1 | 3149994 | 02/03/21 19:42 | ARM | XM |

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: Goldenchlid CTB

Job ID: 890-110-1

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 |
|-----------------|-------------|--------|------------|
| 8021B | 5030C | Solid | Total BTEX |

Laboratory: Eurofins Midland

The accreditations/certifications listed below are applicable to this report.

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

Eurofins Xenco, Carlsbad

Method Summary

Client: WSP USA Inc.
Project/Site: Goldenchlid CTB

Job ID: 890-110-1

| Method | Method Description | Protocol | Laboratory |
|----------|------------------------------------|----------|------------|
| 8021B | Volatile Organic Compounds (GC) | SW846 | XC |
| 300.0 | Anions, Ion Chromatography | MCAWW | XC |
| 5030C | Purge and Trap | 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: Goldenchlid CTB

Job ID: 890-110-1

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Asset ID |
|---------------|------------------|--------|----------------|----------------|----------|
| 890-110-1 | SS01 @ 0.3' | Solid | 02/01/21 00:00 | 02/01/21 12:11 | |
| 890-110-2 | SS02 @ 0.3' | Solid | 02/01/21 00:00 | 02/01/21 12:11 | |
| 890-110-3 | SS03 @ 0.3' | Solid | 02/01/21 00:00 | 02/01/21 12:11 | |

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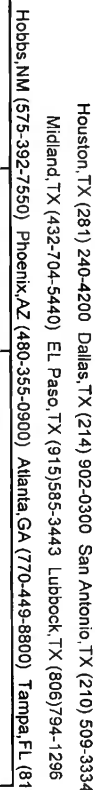
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Chain of Custody

Work Order No:

www.xenco.com

Page

| Work Order Comments | | | | |
|---------------------|------------------------------------|-------------------------------------|-----------------------------|------------------------------------|
| Program: UST/ST | <input type="checkbox"/> RP | <input type="checkbox"/> Growfields | <input type="checkbox"/> RC | <input type="checkbox"/> Superfund |
| State of Project: | | | | |
| Reporting Level II | <input type="checkbox"/> Level III | <input type="checkbox"/> ST/UST | <input type="checkbox"/> RP | <input type="checkbox"/> Level IV |
| Deliverables: EDD | <input type="checkbox"/> ADAPT | <input type="checkbox"/> | Other: | |

[illegible]

| Sample Identification | Matrix | Date Sampled | Time Sampled | Depth | Number | TPH (%) | BTEX | Chloride |
|-------------------------------------|--------|--------------|--------------|-------|--------|--------------------|------|---|
| S501 | S | 3/1/91 | | 0.3' | ↑ | X | X | X |
| S502 | ↓ | ↑ | | ↑ | ↑ | ↑ | ↑ | ↑ |
| S503 | | | | | | | | |
| | | | | | | <i>(Signature)</i> | | |
| | | | | | | <i>(Signature)</i> | | |
| Barcode 890-110 Chain of Custody | | | | | | | | Sample Comments <i>discards</i> ↓ |

890-110 Chain of Custody

| Circle Method(s) and Metal(s) to be analyzed | 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 | | |
| 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> | <i>[Signature]</i> | 2.1.21 1211 | 2 | | |
| 3 | | | 4 | | |
| 5 | | | 6 | | |

Revised Date 05/14/18 Rev. 2018

Login Sample Receipt Checklist

Client: WSP USA Inc.

Job Number: 890-110-1

Login Number: 110

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

Laboratory Job ID: 890-335-1

Laboratory Sample Delivery Group: TE012921018

Client Project/Site: Golden Child CTB

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:
3/18/2021 4:14:27 PM

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

LINKS

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results through

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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: Golden Child CTB

Laboratory Job ID: 890-335-1
SDG: TE012921018

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Definitions/Glossary

Client: WSP USA Inc.
Project/Site: Golden Child CTB

Job ID: 890-335-1
SDG: TE012921018

Qualifiers

Subcontract

| Qualifier | Qualifier Description |
|-----------|---|
| F | RPD exceeded lab control limits. |
| U | Analyte was not detected. |
| X | MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference |

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: Golden Child CTB

Job ID: 890-335-1
SDG: TE012921018

Job ID: 890-335-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative 890-335-1

Receipt

The samples were received on 3/12/2021 2:20 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 was 0.4° C.

Receipt Exceptions

The following samples analyzed for method BTEX 8021 were received and analyzed from an unpreserved bulk soil jar: SW01 (890-335-1), SW02 (890-335-2), SW03 (890-335-3), FS01 (890-335-4), FS02 (890-335-5), FS03 (890-335-6), FS04 (890-335-7) and FS05 (890-335-8).

Client Sample Results

Client: WSP USA Inc.
Project/Site: Golden Child CTB

Job ID: 890-335-1
SDG: TE012921018

Client Sample ID: SW01

Lab Sample ID: 890-335-1

Date Collected: 03/12/21 08:25

Matrix: Solid

Date Received: 03/12/21 14:20

Method: BTEX 8021 - General Subcontract Method

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U X F | 0.00199 | | mg/kg | | 03/15/21 09:00 | 03/15/21 14:50 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/kg | | 03/15/21 09:00 | 03/15/21 14:50 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/kg | | 03/15/21 09:00 | 03/15/21 14:50 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/kg | | 03/15/21 09:00 | 03/15/21 14:50 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/kg | | 03/15/21 09:00 | 03/15/21 14:50 | 1 |
| Total BTEX | <0.00199 | U | 0.00199 | | mg/kg | | 03/15/21 09:00 | 03/15/21 14:50 | 1 |
| Total Xylenes | <0.00199 | U | 0.00199 | | mg/kg | | 03/15/21 09:00 | 03/15/21 14:50 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,4-Difluorobenzene | 101 | | 70 - 130 | 03/15/21 09:00 | 03/15/21 14:50 | 1 |
| 4-Bromofluorobenzene | 114 | | 70 - 130 | 03/15/21 09:00 | 03/15/21 14:50 | 1 |

Method: CHLORIDE E300 - General Subcontract Method

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Chloride | 390 | | 5.00 | | mg/kg | | 03/15/21 14:45 | 03/15/21 21:46 | 1 |

Method: TPH 8015_NM_MOD - General Subcontract Method

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (DRO) | <50.0 | U | 50.0 | | mg/kg | | 03/16/21 12:00 | 03/16/21 11:49 | 1 |
| Gasoline Range Hydrocarbons (GRO) | <50.0 | U | 50.0 | | mg/kg | | 03/16/21 12:00 | 03/16/21 11:49 | 1 |
| Motor Oil Range Hydrocarbons (MRO) | <50.0 | U | 50.0 | | mg/kg | | 03/16/21 12:00 | 03/16/21 11:49 | 1 |
| Total TPH | <50.0 | U | 50.0 | | mg/kg | | 03/16/21 12:00 | 03/16/21 11:49 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 97 | | 70 - 135 | 03/16/21 12:00 | 03/16/21 11:49 | 1 |
| o-Terphenyl | 96 | | 70 - 135 | 03/16/21 12:00 | 03/16/21 11:49 | 1 |

Client Sample ID: SW02

Lab Sample ID: 890-335-2

Date Collected: 03/12/21 11:20

Matrix: Solid

Date Received: 03/12/21 14:20

Method: BTEX 8021 - General Subcontract Method

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | | mg/kg | | 03/15/21 09:00 | 03/15/21 15:11 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/kg | | 03/15/21 09:00 | 03/15/21 15:11 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/kg | | 03/15/21 09:00 | 03/15/21 15:11 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/kg | | 03/15/21 09:00 | 03/15/21 15:11 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/kg | | 03/15/21 09:00 | 03/15/21 15:11 | 1 |
| Total BTEX | <0.00199 | U | 0.00199 | | mg/kg | | 03/15/21 09:00 | 03/15/21 15:11 | 1 |
| Total Xylenes | <0.00199 | U | 0.00199 | | mg/kg | | 03/15/21 09:00 | 03/15/21 15:11 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,4-Difluorobenzene | 103 | | 70 - 130 | 03/15/21 09:00 | 03/15/21 15:11 | 1 |
| 4-Bromofluorobenzene | 111 | | 70 - 130 | 03/15/21 09:00 | 03/15/21 15:11 | 1 |

Method: CHLORIDE E300 - General Subcontract Method

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Chloride | 236 | | 5.02 | | mg/kg | | 03/15/21 14:45 | 03/15/21 21:51 | 1 |

Method: TPH 8015_NM_MOD - General Subcontract Method

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (DRO) | <50.0 | U | 50.0 | | mg/kg | | 03/16/21 12:00 | 03/16/21 12:53 | 1 |

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Client Sample Results

Client: WSP USA Inc.
Project/Site: Golden Child CTB

Job ID: 890-335-1
SDG: TE012921018

Client Sample ID: SW02

Lab Sample ID: 890-335-2

Date Collected: 03/12/21 11:20

Matrix: Solid

Date Received: 03/12/21 14:20

Method: TPH 8015_NM_MOD - General Subcontract Method (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Hydrocarbons (GRO) | <50.0 | U | 50.0 | | mg/kg | | 03/16/21 12:00 | 03/16/21 12:53 | 1 |
| Motor Oil Range Hydrocarbons (MRO) | <50.0 | U | 50.0 | | mg/kg | | 03/16/21 12:00 | 03/16/21 12:53 | 1 |
| Total TPH | <50.0 | U | 50.0 | | mg/kg | | 03/16/21 12:00 | 03/16/21 12:53 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 90 | | 70 - 135 | | | | 03/16/21 12:00 | 03/16/21 12:53 | 1 |
| o-Terphenyl | 88 | | 70 - 135 | | | | 03/16/21 12:00 | 03/16/21 12:53 | 1 |

Client Sample ID: SW03

Lab Sample ID: 890-335-3

Date Collected: 03/12/21 11:25

Matrix: Solid

Date Received: 03/12/21 14:20

Method: BTEX 8021 - General Subcontract Method

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/kg | | 03/15/21 09:00 | 03/15/21 15:31 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/kg | | 03/15/21 09:00 | 03/15/21 15:31 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/kg | | 03/15/21 09:00 | 03/15/21 15:31 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/kg | | 03/15/21 09:00 | 03/15/21 15:31 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/kg | | 03/15/21 09:00 | 03/15/21 15:31 | 1 |
| Total BTEX | <0.00200 | U | 0.00200 | | mg/kg | | 03/15/21 09:00 | 03/15/21 15:31 | 1 |
| Total Xylenes | <0.00200 | U | 0.00200 | | mg/kg | | 03/15/21 09:00 | 03/15/21 15:31 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1,4-Difluorobenzene | 105 | | 70 - 130 | | | | 03/15/21 09:00 | 03/15/21 15:31 | 1 |
| 4-Bromofluorobenzene | 117 | | 70 - 130 | | | | 03/15/21 09:00 | 03/15/21 15:31 | 1 |

Method: CHLORIDE E300 - General Subcontract Method

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Chloride | 1430 | | 24.9 | | mg/kg | | 03/15/21 14:45 | 03/15/21 22:08 | 5 |

Method: TPH 8015_NM_MOD - General Subcontract Method

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (DRO) | <50.0 | U | 50.0 | | mg/kg | | 03/16/21 12:00 | 03/16/21 13:14 | 1 |
| Gasoline Range Hydrocarbons (GRO) | <50.0 | U | 50.0 | | mg/kg | | 03/16/21 12:00 | 03/16/21 13:14 | 1 |
| Motor Oil Range Hydrocarbons (MRO) | <50.0 | U | 50.0 | | mg/kg | | 03/16/21 12:00 | 03/16/21 13:14 | 1 |
| Total TPH | <50.0 | U | 50.0 | | mg/kg | | 03/16/21 12:00 | 03/16/21 13:14 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 92 | | 70 - 135 | | | | 03/16/21 12:00 | 03/16/21 13:14 | 1 |
| o-Terphenyl | 91 | | 70 - 135 | | | | 03/16/21 12:00 | 03/16/21 13:14 | 1 |

Client Sample ID: FS01

Lab Sample ID: 890-335-4

Date Collected: 03/12/21 08:30

Matrix: Solid

Date Received: 03/12/21 14:20

Method: BTEX 8021 - General Subcontract Method

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00198 | U | 0.00198 | | mg/kg | | 03/15/21 09:00 | 03/15/21 15:51 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/kg | | 03/15/21 09:00 | 03/15/21 15:51 | 1 |
| m,p-Xylenes | <0.00397 | U | 0.00397 | | mg/kg | | 03/15/21 09:00 | 03/15/21 15:51 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/kg | | 03/15/21 09:00 | 03/15/21 15:51 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/kg | | 03/15/21 09:00 | 03/15/21 15:51 | 1 |

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Client Sample Results

Client: WSP USA Inc.
Project/Site: Golden Child CTB

Job ID: 890-335-1
SDG: TE012921018

Client Sample ID: FS01

Lab Sample ID: 890-335-4

Date Collected: 03/12/21 08:30

Matrix: Solid

Date Received: 03/12/21 14:20

Method: BTEX 8021 - General Subcontract Method (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Total BTEX | <0.00198 | U | 0.00198 | | mg/kg | | 03/15/21 09:00 | 03/15/21 15:51 | 1 |
| Total Xylenes | <0.00198 | U | 0.00198 | | mg/kg | | 03/15/21 09:00 | 03/15/21 15:51 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1,4-Difluorobenzene | 105 | | 70 - 130 | | | | 03/15/21 09:00 | 03/15/21 15:51 | 1 |
| 4-Bromofluorobenzene | 116 | | 70 - 130 | | | | 03/15/21 09:00 | 03/15/21 15:51 | 1 |

Method: CHLORIDE E300 - General Subcontract Method

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Chloride | 202 | | 4.95 | | mg/kg | | 03/15/21 14:45 | 03/15/21 22:14 | 1 |

Method: TPH 8015_NM_MOD - General Subcontract Method

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (DRO) | <50.0 | U | 50.0 | | mg/kg | | 03/16/21 12:00 | 03/16/21 13:35 | 1 |
| Gasoline Range Hydrocarbons (GRO) | <50.0 | U | 50.0 | | mg/kg | | 03/16/21 12:00 | 03/16/21 13:35 | 1 |
| Motor Oil Range Hydrocarbons (MRO) | <50.0 | U | 50.0 | | mg/kg | | 03/16/21 12:00 | 03/16/21 13:35 | 1 |
| Total TPH | <50.0 | U | 50.0 | | mg/kg | | 03/16/21 12:00 | 03/16/21 13:35 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 89 | | 70 - 135 | | | | 03/16/21 12:00 | 03/16/21 13:35 | 1 |
| o-Terphenyl | 87 | | 70 - 135 | | | | 03/16/21 12:00 | 03/16/21 13:35 | 1 |

Client Sample ID: FS02

Lab Sample ID: 890-335-5

Date Collected: 03/12/21 11:15

Matrix: Solid

Date Received: 03/12/21 14:20

Method: BTEX 8021 - General Subcontract Method

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/kg | | 03/15/21 09:00 | 03/15/21 16:12 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/kg | | 03/15/21 09:00 | 03/15/21 16:12 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/kg | | 03/15/21 09:00 | 03/15/21 16:12 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/kg | | 03/15/21 09:00 | 03/15/21 16:12 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/kg | | 03/15/21 09:00 | 03/15/21 16:12 | 1 |
| Total BTEX | <0.00200 | U | 0.00200 | | mg/kg | | 03/15/21 09:00 | 03/15/21 16:12 | 1 |
| Total Xylenes | <0.00200 | U | 0.00200 | | mg/kg | | 03/15/21 09:00 | 03/15/21 16:12 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1,4-Difluorobenzene | 100 | | 70 - 130 | | | | 03/15/21 09:00 | 03/15/21 16:12 | 1 |
| 4-Bromofluorobenzene | 119 | | 70 - 130 | | | | 03/15/21 09:00 | 03/15/21 16:12 | 1 |

Method: CHLORIDE E300 - General Subcontract Method

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Chloride | 432 | | 5.03 | | mg/kg | | 03/15/21 14:45 | 03/15/21 22:30 | 1 |

Method: TPH 8015_NM_MOD - General Subcontract Method

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (DRO) | <49.8 | U | 49.8 | | mg/kg | | 03/16/21 12:00 | 03/16/21 13:56 | 1 |
| Gasoline Range Hydrocarbons (GRO) | <49.8 | U | 49.8 | | mg/kg | | 03/16/21 12:00 | 03/16/21 13:56 | 1 |
| Motor Oil Range Hydrocarbons (MRO) | <49.8 | U | 49.8 | | mg/kg | | 03/16/21 12:00 | 03/16/21 13:56 | 1 |
| Total TPH | <49.8 | U | 49.8 | | mg/kg | | 03/16/21 12:00 | 03/16/21 13:56 | 1 |

Eurofins Carlsbad

Client Sample Results

Client: WSP USA Inc.
Project/Site: Golden Child CTB

Job ID: 890-335-1
SDG: TE012921018

Client Sample ID: FS02

Lab Sample ID: 890-335-5

Date Collected: 03/12/21 11:15

Matrix: Solid

Date Received: 03/12/21 14:20

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 83 | | 70 - 135 | 03/16/21 12:00 | 03/16/21 13:56 | 1 |
| o-Terphenyl | 80 | | 70 - 135 | 03/16/21 12:00 | 03/16/21 13:56 | 1 |

Client Sample ID: FS03

Lab Sample ID: 890-335-6

Date Collected: 03/12/21 10:50

Matrix: Solid

Date Received: 03/12/21 14:20

Method: BTEX 8021 - General Subcontract Method

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/kg | | 03/15/21 09:00 | 03/15/21 16:32 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/kg | | 03/15/21 09:00 | 03/15/21 16:32 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/kg | | 03/15/21 09:00 | 03/15/21 16:32 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/kg | | 03/15/21 09:00 | 03/15/21 16:32 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/kg | | 03/15/21 09:00 | 03/15/21 16:32 | 1 |
| Total BTEX | <0.00200 | U | 0.00200 | | mg/kg | | 03/15/21 09:00 | 03/15/21 16:32 | 1 |
| Total Xylenes | <0.00200 | U | 0.00200 | | mg/kg | | 03/15/21 09:00 | 03/15/21 16:32 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1,4-Difluorobenzene | 102 | | 70 - 130 | | | | 03/15/21 09:00 | 03/15/21 16:32 | 1 |
| 4-Bromofluorobenzene | 113 | | 70 - 130 | | | | 03/15/21 09:00 | 03/15/21 16:32 | 1 |

Method: CHLORIDE E300 - General Subcontract Method

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Chloride | 45.2 | | 5.02 | | mg/kg | | 03/16/21 10:45 | 03/16/21 11:07 | 1 |

Method: TPH 8015_NM_MOD - General Subcontract Method

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (DRO) | <50.0 | U | 50.0 | | mg/kg | | 03/16/21 12:00 | 03/16/21 14:17 | 1 |
| Gasoline Range Hydrocarbons (GRO) | <50.0 | U | 50.0 | | mg/kg | | 03/16/21 12:00 | 03/16/21 14:17 | 1 |
| Motor Oil Range Hydrocarbons (MRO) | <50.0 | U | 50.0 | | mg/kg | | 03/16/21 12:00 | 03/16/21 14:17 | 1 |
| Total TPH | <50.0 | U | 50.0 | | mg/kg | | 03/16/21 12:00 | 03/16/21 14:17 | 1 |
| | | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 108 | | 70 - 135 | | | | 03/16/21 12:00 | 03/16/21 14:17 | 1 |
| o-Terphenyl | 102 | | 70 - 135 | | | | 03/16/21 12:00 | 03/16/21 14:17 | 1 |

Client Sample ID: FS04

Lab Sample ID: 890-335-7

Date Collected: 03/12/21 10:55

Matrix: Solid

Date Received: 03/12/21 14:20

Method: BTEX 8021 - General Subcontract Method

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00198 | U | 0.00198 | | mg/kg | | 03/15/21 09:00 | 03/15/21 16:53 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/kg | | 03/15/21 09:00 | 03/15/21 16:53 | 1 |
| m,p-Xylenes | <0.00397 | U | 0.00397 | | mg/kg | | 03/15/21 09:00 | 03/15/21 16:53 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/kg | | 03/15/21 09:00 | 03/15/21 16:53 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/kg | | 03/15/21 09:00 | 03/15/21 16:53 | 1 |
| Total BTEX | <0.00198 | U | 0.00198 | | mg/kg | | 03/15/21 09:00 | 03/15/21 16:53 | 1 |
| Total Xylenes | <0.00198 | U | 0.00198 | | mg/kg | | 03/15/21 09:00 | 03/15/21 16:53 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1,4-Difluorobenzene | 99 | | 70 - 130 | | | | 03/15/21 09:00 | 03/15/21 16:53 | |

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Client Sample Results

Client: WSP USA Inc.
Project/Site: Golden Child CTB

Job ID: 890-335-1
SDG: TE012921018

Client Sample ID: FS04

Lab Sample ID: 890-335-7

Date Collected: 03/12/21 10:55

Matrix: Solid

Date Received: 03/12/21 14:20

Method: BTEX 8021 - General Subcontract Method (Continued)

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene | 118 | | 70 - 130 | 03/15/21 09:00 | 03/15/21 16:53 | 1 |

Method: CHLORIDE E300 - General Subcontract Method

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Chloride | 45.1 | | 4.99 | | mg/kg | | 03/16/21 10:45 | 03/16/21 11:23 | 1 |

Method: TPH 8015_NM_MOD - General Subcontract Method

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (DRO) | <49.9 | U | 49.9 | | mg/kg | | 03/16/21 12:00 | 03/16/21 14:38 | 1 |
| Gasoline Range Hydrocarbons (GRO) | <49.9 | U | 49.9 | | mg/kg | | 03/16/21 12:00 | 03/16/21 14:38 | 1 |
| Motor Oil Range Hydrocarbons (MRO) | <49.9 | U | 49.9 | | mg/kg | | 03/16/21 12:00 | 03/16/21 14:38 | 1 |
| Total TPH | <49.9 | U | 49.9 | | mg/kg | | 03/16/21 12:00 | 03/16/21 14:38 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 81 | | 70 - 135 | 03/16/21 12:00 | 03/16/21 14:38 | 1 |
| o-Terphenyl | 75 | | 70 - 135 | 03/16/21 12:00 | 03/16/21 14:38 | 1 |

Client Sample ID: FS05

Lab Sample ID: 890-335-8

Date Collected: 03/12/21 11:00

Matrix: Solid

Date Received: 03/12/21 14:20

Method: BTEX 8021 - General Subcontract Method

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00198 | U | 0.00198 | | mg/kg | | 03/15/21 09:00 | 03/15/21 17:13 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/kg | | 03/15/21 09:00 | 03/15/21 17:13 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/kg | | 03/15/21 09:00 | 03/15/21 17:13 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/kg | | 03/15/21 09:00 | 03/15/21 17:13 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/kg | | 03/15/21 09:00 | 03/15/21 17:13 | 1 |
| Total BTEX | <0.00198 | U | 0.00198 | | mg/kg | | 03/15/21 09:00 | 03/15/21 17:13 | 1 |
| Total Xylenes | <0.00198 | U | 0.00198 | | mg/kg | | 03/15/21 09:00 | 03/15/21 17:13 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,4-Difluorobenzene | 100 | | 70 - 130 | 03/15/21 09:00 | 03/15/21 17:13 | 1 |
| 4-Bromofluorobenzene | 106 | | 70 - 130 | 03/15/21 09:00 | 03/15/21 17:13 | 1 |

Method: CHLORIDE E300 - General Subcontract Method

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Chloride | 31.9 | | 5.02 | | mg/kg | | 03/18/21 10:30 | 03/18/21 10:57 | 1 |

Method: TPH 8015_NM_MOD - General Subcontract Method

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (DRO) | <49.9 | U | 49.9 | | mg/kg | | 03/16/21 12:00 | 03/16/21 15:00 | 1 |
| Gasoline Range Hydrocarbons (GRO) | <49.9 | U | 49.9 | | mg/kg | | 03/16/21 12:00 | 03/16/21 15:00 | 1 |
| Motor Oil Range Hydrocarbons (MRO) | <49.9 | U | 49.9 | | mg/kg | | 03/16/21 12:00 | 03/16/21 15:00 | 1 |
| Total TPH | <49.9 | U | 49.9 | | mg/kg | | 03/16/21 12:00 | 03/16/21 15:00 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 86 | | 70 - 135 | 03/16/21 12:00 | 03/16/21 15:00 | 1 |
| o-Terphenyl | 86 | | 70 - 135 | 03/16/21 12:00 | 03/16/21 15:00 | 1 |

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Surrogate Summary

Client: WSP USA Inc.
Project/Site: Golden Child CTB

Job ID: 890-335-1
SDG: TE012921018

Method: BTEX 8021 - General Subcontract Method

Matrix: SOIL

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

| Lab Sample ID | Client Sample ID | BFB (70-130) |
|---------------|------------------------|-----------------|
| 691748-001 S | Matrix Spike | 119 |
| 691748-001 SD | Matrix Spike Duplicate | 111 |
| 7723410-1-BKS | Lab Control Sample | 102 |
| 7723410-1-BLK | Method Blank | 102 |
| 7723410-1-BSD | Lab Control Sample Dup | 104 |

Surrogate Legend

BFB = 4-Bromofluorobenzene

Method: BTEX 8021 - General Subcontract Method

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

| Lab Sample ID | Client Sample ID | BFB (70-130) | DFBZ (70-130) |
|---------------|------------------|-----------------|------------------|
| 890-335-1 | SW01 | 114 | 101 |
| 890-335-2 | SW02 | 111 | 103 |
| 890-335-3 | SW03 | 117 | 105 |
| 890-335-4 | FS01 | 116 | 105 |
| 890-335-5 | FS02 | 119 | 100 |
| 890-335-6 | FS03 | 113 | 102 |
| 890-335-7 | FS04 | 118 | 99 |
| 890-335-8 | FS05 | 106 | 100 |

Surrogate Legend

BFB = 4-Bromofluorobenzene

DFBZ = 1,4-Difluorobenzene

Method: TPH 8015_NM_MOD - General Subcontract Method

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

| Lab Sample ID | Client Sample ID | 1CO (70-135) | OTPH (70-135) |
|---------------|------------------|-----------------|------------------|
| 890-335-1 | SW01 | 97 | 96 |
| 890-335-2 | SW02 | 90 | 88 |
| 890-335-3 | SW03 | 92 | 91 |
| 890-335-4 | FS01 | 89 | 87 |
| 890-335-5 | FS02 | 83 | 80 |
| 890-335-6 | FS03 | 108 | 102 |
| 890-335-7 | FS04 | 81 | 75 |
| 890-335-8 | FS05 | 86 | 86 |

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

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QC Sample Results

Client: WSP USA Inc.
Project/Site: Golden Child CTB

Job ID: 890-335-1
SDG: TE012921018

Method: BTEX 8021 - General Subcontract Method

Lab Sample ID: 7723410-1-BLK

Matrix: SOIL

Analysis Batch: 3153756

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3153756_P

| Analyte | BLANK Result | BLANK Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------|--------------|-----------------|------|-----|-------|---|----------------|----------------|---------|
| Benzene | <.002 | U | .002 | | mg/kg | | 03/15/21 09:00 | 03/15/21 14:21 | 1 |
| Ethylbenzene | <.002 | U | .002 | | mg/kg | | 03/15/21 09:00 | 03/15/21 14:21 | 1 |
| m,p-Xylenes | <.004 | U | .004 | | mg/kg | | 03/15/21 09:00 | 03/15/21 14:21 | 1 |
| o-Xylene | <.002 | U | .002 | | mg/kg | | 03/15/21 09:00 | 03/15/21 14:21 | 1 |
| Toluene | <.002 | U | .002 | | mg/kg | | 03/15/21 09:00 | 03/15/21 14:21 | 1 |

| Surrogate | BLANK %Recovery | BLANK Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------------|-----------------|-----------------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene | 102 | | 70 - 130 | 03/15/21 09:00 | 03/15/21 14:21 | 1 |

Lab Sample ID: 7723410-1-BKS

Matrix: SOIL

Analysis Batch: 3153756

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3153756_P

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|--------------|-------------|------------|---------------|-------|---|------|--------------|
| Benzene | .1 | 0.105 | | mg/kg | | 105 | 70 - 130 |
| Ethylbenzene | .1 | 0.109 | | mg/kg | | 109 | 71 - 129 |
| m,p-Xylenes | .2 | 0.223 | | mg/kg | | 112 | 70 - 135 |
| o-Xylene | .1 | 0.114 | | mg/kg | | 114 | 71 - 133 |
| Toluene | .1 | 0.110 | | mg/kg | | 110 | 70 - 130 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|----------------------|---------------|---------------|----------|
| 4-Bromofluorobenzene | 102 | | 70 - 130 |

Lab Sample ID: 7723410-1-BSD

Matrix: SOIL

Analysis Batch: 3153756

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3153756_P

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | Limit |
|--------------|-------------|-------------|----------------|-------|---|------|--------------|-----|-------|
| Benzene | .1 | 0.111 | | mg/kg | | 111 | 70 - 130 | 6 | 35 |
| Ethylbenzene | .1 | 0.113 | | mg/kg | | 113 | 71 - 129 | 4 | 35 |
| m,p-Xylenes | .2 | 0.229 | | mg/kg | | 115 | 70 - 135 | 3 | 35 |
| o-Xylene | .1 | 0.116 | | mg/kg | | 116 | 71 - 133 | 2 | 35 |
| Toluene | .1 | 0.113 | | mg/kg | | 113 | 70 - 130 | 3 | 35 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|----------------------|----------------|----------------|----------|
| 4-Bromofluorobenzene | 104 | | 70 - 130 |

Lab Sample ID: 691748-001 S

Matrix: SOIL

Analysis Batch: 3153756

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 3153756_P

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|--------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|--------------|
| Benzene | <.002 | | .1 | 0.0470 | X | mg/kg | | 47 | 70 - 130 |
| Ethylbenzene | <.002 | | .1 | 0.0883 | | mg/kg | | 88 | 71 - 129 |
| m,p-Xylenes | <.00401 | | .2 | 0.183 | | mg/kg | | 92 | 70 - 135 |
| o-Xylene | <.002 | | .1 | 0.0929 | | mg/kg | | 93 | 71 - 133 |
| Toluene | <.002 | | .1 | 0.0860 | | mg/kg | | 86 | 70 - 130 |

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QC Sample Results

Client: WSP USA Inc.
Project/Site: Golden Child CTB

Job ID: 890-335-1
SDG: TE012921018

Method: BTEX 8021 - General Subcontract Method (Continued)

Lab Sample ID: 691748-001 S
Matrix: SOIL
Analysis Batch: 3153756

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 3153756_P

| | MS | MS | |
|----------------------|-----------|-----------|----------|
| Surrogate | %Recovery | Qualifier | Limits |
| 4-Bromofluorobenzene | 119 | | 70 - 130 |

Lab Sample ID: 691748-001 SD
Matrix: SOIL
Analysis Batch: 3153756

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 3153756_P

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|--------------|---------------|------------------|-------------|------------|---------------|-------|---|------|--------------|-----|-----------|
| Benzene | <.002 | | .1 | 0.0931 | F | mg/kg | | 93 | 70 - 130 | 66 | 35 |
| Ethylbenzene | <.002 | | .1 | 0.0943 | | mg/kg | | 94 | 71 - 129 | 7 | 35 |
| m,p-Xylenes | <.00401 | | .2 | 0.189 | | mg/kg | | 95 | 70 - 135 | 3 | 35 |
| o-Xylene | <.002 | | .1 | 0.0995 | | mg/kg | | 100 | 71 - 133 | 7 | 35 |
| Toluene | <.002 | | .1 | 0.0956 | | mg/kg | | 96 | 70 - 130 | 11 | 35 |

| | MSD | MSD | |
|----------------------|-----------|-----------|----------|
| Surrogate | %Recovery | Qualifier | Limits |
| 4-Bromofluorobenzene | 111 | | 70 - 130 |

Method: CHLORIDE E300 - General Subcontract Method

Lab Sample ID: 7723355-1-BLK
Matrix: SOIL
Analysis Batch: 3153746

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3153746_P

| Analyte | BLANK Result | BLANK Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------------|-----------------|----|-----|-------|---|----------------|----------------|---------|
| Chloride | 7.66 | | 5 | | mg/kg | | 03/15/21 14:45 | 03/15/21 14:47 | 1 |

Lab Sample ID: 7723355-1-BKS
Matrix: SOIL
Analysis Batch: 3153746

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3153746_P

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|----------|-------------|------------|---------------|-------|---|------|--------------|
| Chloride | 250 | 237 | | mg/kg | | 95 | 80 - 120 |

Lab Sample ID: 7723355-1-BSD
Matrix: SOIL
Analysis Batch: 3153746

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 3153746_P

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|----------|-------------|-------------|----------------|-------|---|------|--------------|-----|-----------|
| Chloride | 250 | 236 | | mg/kg | | 94 | 80 - 120 | 0 | 20 |

Lab Sample ID: 691748-002 S
Matrix: SOIL
Analysis Batch: 3153746

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 3153746_P

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|--------------|
| Chloride | 236 | | 251 | 474 | | mg/kg | | 95 | 80 - 120 |

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QC Sample Results

Client: WSP USA Inc.
Project/Site: Golden Child CTB

Job ID: 890-335-1
SDG: TE012921018

Method: CHLORIDE E300 - General Subcontract Method (Continued)

Lab Sample ID: 691748-002 SD

Matrix: SOIL

Analysis Batch: 3153746

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 3153746_P

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|------------|---------------|-------|---|------|--------------|-----|-----------|
| Chloride | 236 | | 251 | 474 | | mg/kg | | 95 | 80 - 120 | 0 | 20 |

Lab Sample ID: 7723415-1-BLK

Matrix: SOIL

Analysis Batch: 3153836

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3153836_P

| Analyte | BLANK Result | BLANK Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------------|-----------------|----|-----|-------|---|----------------|----------------|---------|
| Chloride | <5 | U | 5 | | mg/kg | | 03/16/21 10:45 | 03/16/21 10:50 | 1 |

Lab Sample ID: 7723415-1-BKS

Matrix: SOIL

Analysis Batch: 3153836

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3153836_P

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|----------|-------------|------------|---------------|-------|---|------|--------------|
| Chloride | 250 | 243 | | mg/kg | | 97 | 80 - 120 |

Lab Sample ID: 7723415-1-BSD

Matrix: SOIL

Analysis Batch: 3153836

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3153836_P

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|----------|-------------|-------------|----------------|-------|---|------|--------------|-----|-----------|
| Chloride | 250 | 244 | | mg/kg | | 98 | 80 - 120 | 0 | 20 |

Lab Sample ID: 691748-006 S

Matrix: SOIL

Analysis Batch: 3153836

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 3153836_P

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|--------------|
| Chloride | 45.2 | | 251 | 310 | | mg/kg | | 105 | 80 - 120 |

Lab Sample ID: 691748-006 SD

Matrix: SOIL

Analysis Batch: 3153836

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 3153836_P

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|------------|---------------|-------|---|------|--------------|-----|-----------|
| Chloride | 45.2 | | 251 | 305 | | mg/kg | | 104 | 80 - 120 | 2 | 20 |

Lab Sample ID: 7723593-1-BLK

Matrix: SOIL

Analysis Batch: 3154078

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3154078_P

| Analyte | BLANK Result | BLANK Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------------|-----------------|----|-----|-------|---|----------------|----------------|---------|
| Chloride | <5 | U | 5 | | mg/kg | | 03/18/21 10:30 | 03/18/21 10:42 | 1 |

Lab Sample ID: 7723593-1-BKS

Matrix: SOIL

Analysis Batch: 3154078

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3154078_P

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|----------|-------------|------------|---------------|-------|---|------|--------------|
| Chloride | 250 | 261 | | mg/kg | | 104 | 80 - 120 |

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QC Sample Results

Client: WSP USA Inc.
Project/Site: Golden Child CTB

Job ID: 890-335-1
SDG: TE012921018

Method: CHLORIDE E300 - General Subcontract Method

Lab Sample ID: 7723593-1-BSD

Matrix: SOIL

Analysis Batch: 3154078

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3154078_P

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|----------|-------------|-------------|----------------|-------|---|------|--------------|-----|-----------|
| Chloride | 250 | 262 | | mg/kg | | 105 | 80 - 120 | 0 | 20 |

Lab Sample ID: 691748-008 S

Matrix: SOIL

Analysis Batch: 3154078

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 3154078_P

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|--------------|-----|-----------|
| Chloride | 31.9 | | 251 | 290 | | mg/kg | | 103 | 80 - 120 | | |

Lab Sample ID: 691748-008 SD

Matrix: SOIL

Analysis Batch: 3154078

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 3154078_P

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|------------|---------------|-------|---|------|--------------|-----|-----------|
| Chloride | 31.9 | | 251 | 288 | | mg/kg | | 102 | 80 - 120 | 1 | 20 |

Method: TPH 8015_NM_MOD - General Subcontract Method

Lab Sample ID: 7723503-1-BLK

Matrix: SOIL

Analysis Batch: 3153941

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3153941_P

| Analyte | BLANK Result | BLANK Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------------|--------------|-----------------|----|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (DRO) | <50 | U | 50 | | mg/kg | | 03/16/21 12:00 | 03/16/21 10:47 | 1 |
| Gasoline Range Hydrocarbons (GRO) | <50 | U | 50 | | mg/kg | | 03/16/21 12:00 | 03/16/21 10:47 | 1 |
| Motor Oil Range Hydrocarbons (MRO) | <50 | U | 50 | | mg/kg | | 03/16/21 12:00 | 03/16/21 10:47 | 1 |

Lab Sample ID: 7723503-1-BKS

Matrix: SOIL

Analysis Batch: 3153941

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3153941_P

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|-----------------------------------|-------------|------------|---------------|-------|---|------|--------------|-----|-----------|
| Diesel Range Organics (DRO) | 1000 | 921 | | mg/kg | | 92 | 70 - 135 | | |
| Gasoline Range Hydrocarbons (GRO) | 1000 | 909 | | mg/kg | | 91 | 70 - 135 | | |

Lab Sample ID: 7723503-1-BSD

Matrix: SOIL

Analysis Batch: 3153941

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3153941_P

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|-----------------------------------|-------------|-------------|----------------|-------|---|------|--------------|-----|-----------|
| Diesel Range Organics (DRO) | 1000 | 921 | | mg/kg | | 92 | 70 - 135 | 0 | 20 |
| Gasoline Range Hydrocarbons (GRO) | 1000 | 912 | | mg/kg | | 91 | 70 - 135 | 0 | 20 |

Lab Sample ID: 691748-001 S

Matrix: SOIL

Analysis Batch: 3153941

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 3153941_P

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|-----------------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|--------------|-----|-----------|
| Diesel Range Organics (DRO) | <49.8 | | 997 | 871 | | mg/kg | | 87 | 70 - 135 | | |

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QC Sample Results

Client: WSP USA Inc.
Project/Site: Golden Child CTB

Job ID: 890-335-1
SDG: TE012921018

Method: TPH 8015_NM_MOD - General Subcontract Method (Continued)

Lab Sample ID: 691748-001 S

Matrix: SOIL

Analysis Batch: 3153941

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 3153941_P

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|--------------------------------------|------------------|---------------------|----------------|--------------|-----------------|-------|---|------|-----------------|
| Gasoline Range Hydrocarbons (GRO) | <49.8 | | 997 | 847 | | mg/kg | | 85 | 70 - 135 |

Lab Sample ID: 691748-001 SD

Matrix: SOIL

Analysis Batch: 3153941

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 3153941_P

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|--------------------------------------|------------------|---------------------|----------------|---------------|------------------|-------|---|------|-----------------|-----|--------------|
| Diesel Range Organics (DRO) | <49.8 | | 996 | 842 | | mg/kg | | 85 | 70 - 135 | 3 | 20 |
| Gasoline Range Hydrocarbons (GRO) | <49.8 | | 996 | 822 | | mg/kg | | 83 | 70 - 135 | 3 | 20 |

QC Association Summary

Client: WSP USA Inc.
Project/Site: Golden Child CTB

Job ID: 890-335-1
SDG: TE012921018

Subcontract

Analysis Batch: 3153746

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------------|-----------|--------|---------------|------------|
| 890-335-1 | SW01 | Total/NA | Solid | CHLORIDE E30C | 3153746_P |
| 890-335-2 | SW02 | Total/NA | Solid | CHLORIDE E30C | 3153746_P |
| 890-335-3 | SW03 | Total/NA | Solid | CHLORIDE E30C | 3153746_P |
| 890-335-4 | FS01 | Total/NA | Solid | CHLORIDE E30C | 3153746_P |
| 890-335-5 | FS02 | Total/NA | Solid | CHLORIDE E30C | 3153746_P |
| 7723355-1-BLK | Method Blank | Total/NA | SOIL | CHLORIDE E30C | 3153746_P |
| 7723355-1-BKS | Lab Control Sample | Total/NA | SOIL | CHLORIDE E30C | 3153746_P |
| 7723355-1-BSD | Lab Control Sample Dup | Total/NA | SOIL | CHLORIDE E30C | 3153746_P |
| 691748-002 S | Matrix Spike | Total/NA | SOIL | CHLORIDE E30C | 3153746_P |
| 691748-002 SD | Matrix Spike Duplicate | Total/NA | SOIL | CHLORIDE E30C | 3153746_P |

Analysis Batch: 3153756

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------------|-----------|--------|-----------|------------|
| 890-335-1 | SW01 | Total/NA | Solid | BTEX 8021 | 3153756_P |
| 890-335-2 | SW02 | Total/NA | Solid | BTEX 8021 | 3153756_P |
| 890-335-3 | SW03 | Total/NA | Solid | BTEX 8021 | 3153756_P |
| 890-335-4 | FS01 | Total/NA | Solid | BTEX 8021 | 3153756_P |
| 890-335-5 | FS02 | Total/NA | Solid | BTEX 8021 | 3153756_P |
| 890-335-6 | FS03 | Total/NA | Solid | BTEX 8021 | 3153756_P |
| 890-335-7 | FS04 | Total/NA | Solid | BTEX 8021 | 3153756_P |
| 890-335-8 | FS05 | Total/NA | Solid | BTEX 8021 | 3153756_P |
| 7723410-1-BLK | Method Blank | Total/NA | SOIL | BTEX 8021 | 3153756_P |
| 7723410-1-BKS | Lab Control Sample | Total/NA | SOIL | BTEX 8021 | 3153756_P |
| 7723410-1-BSD | Lab Control Sample Dup | Total/NA | SOIL | BTEX 8021 | 3153756_P |
| 691748-001 S | Matrix Spike | Total/NA | SOIL | BTEX 8021 | 3153756_P |
| 691748-001 SD | Matrix Spike Duplicate | Total/NA | SOIL | BTEX 8021 | 3153756_P |

Analysis Batch: 3153836

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------------|-----------|--------|---------------|------------|
| 890-335-6 | FS03 | Total/NA | Solid | CHLORIDE E30C | 3153836_P |
| 890-335-7 | FS04 | Total/NA | Solid | CHLORIDE E30C | 3153836_P |
| 7723415-1-BLK | Method Blank | Total/NA | SOIL | CHLORIDE E30C | 3153836_P |
| 7723415-1-BKS | Lab Control Sample | Total/NA | SOIL | CHLORIDE E30C | 3153836_P |
| 7723415-1-BSD | Lab Control Sample Dup | Total/NA | SOIL | CHLORIDE E30C | 3153836_P |
| 691748-006 S | Matrix Spike | Total/NA | SOIL | CHLORIDE E30C | 3153836_P |
| 691748-006 SD | Matrix Spike Duplicate | Total/NA | SOIL | CHLORIDE E30C | 3153836_P |

Analysis Batch: 3153941

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------------------|------------|
| 890-335-1 | SW01 | Total/NA | Solid | TPH | 3153941_P |
| 890-335-2 | SW02 | Total/NA | Solid | 8015_NM_MOD TPH | 3153941_P |
| 890-335-3 | SW03 | Total/NA | Solid | 8015_NM_MOD TPH | 3153941_P |
| 890-335-4 | FS01 | Total/NA | Solid | 8015_NM_MOD TPH | 3153941_P |
| 890-335-5 | FS02 | Total/NA | Solid | 8015_NM_MOD TPH | 3153941_P |
| 890-335-6 | FS03 | Total/NA | Solid | 8015_NM_MOD TPH | 3153941_P |
| 890-335-7 | FS04 | Total/NA | Solid | 8015_NM_MOD TPH | 3153941_P |

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QC Association Summary

Client: WSP USA Inc.
Project/Site: Golden Child CTB

Job ID: 890-335-1
SDG: TE012921018

Subcontract (Continued)

Analysis Batch: 3153941 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------------|-----------|--------|--------------------|------------|
| 890-335-8 | FS05 | Total/NA | Solid | TPH | 3153941_P |
| 7723503-1-BLK | Method Blank | Total/NA | SOIL | 8015_NM_MOD TPH | 3153941_P |
| 7723503-1-BKS | Lab Control Sample | Total/NA | SOIL | 8015_NM_MOD TPH | 3153941_P |
| 7723503-1-BSD | Lab Control Sample Dup | Total/NA | SOIL | 8015_NM_MOD TPH | 3153941_P |
| 691748-001 S | Matrix Spike | Total/NA | SOIL | 8015_NM_MOD TPH | 3153941_P |
| 691748-001 SD | Matrix Spike Duplicate | Total/NA | SOIL | 8015_NM_MOD TPH | 3153941_P |

Analysis Batch: 3154078

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------------|-----------|--------|---------------|------------|
| 890-335-8 | FS05 | Total/NA | Solid | CHLORIDE E300 | 3154078_P |
| 7723593-1-BLK | Method Blank | Total/NA | SOIL | CHLORIDE E300 | 3154078_P |
| 7723593-1-BKS | Lab Control Sample | Total/NA | SOIL | CHLORIDE E300 | 3154078_P |
| 7723593-1-BSD | Lab Control Sample Dup | Total/NA | SOIL | CHLORIDE E300 | 3154078_P |
| 691748-008 S | Matrix Spike | Total/NA | SOIL | CHLORIDE E300 | 3154078_P |
| 691748-008 SD | Matrix Spike Duplicate | Total/NA | SOIL | CHLORIDE E300 | 3154078_P |

Prep Batch: 3153746_P

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------------|-----------|--------|-----------------------|------------|
| 890-335-1 | SW01 | Total/NA | Solid | E300P | |
| 890-335-2 | SW02 | Total/NA | Solid | E300P | |
| 890-335-3 | SW03 | Total/NA | Solid | E300P | |
| 890-335-4 | FS01 | Total/NA | Solid | E300P | |
| 890-335-5 | FS02 | Total/NA | Solid | E300P | |
| 7723355-1-BLK | Method Blank | Total/NA | SOIL | ***DEFAULT PREP*** | |
| 7723355-1-BKS | Lab Control Sample | Total/NA | SOIL | ***DEFAULT PREP*** | |
| 7723355-1-BSD | Lab Control Sample Dup | Total/NA | SOIL | ***DEFAULT PREP*** | |
| 691748-002 S | Matrix Spike | Total/NA | SOIL | ***DEFAULT PREP*** | |
| 691748-002 SD | Matrix Spike Duplicate | Total/NA | SOIL | ***DEFAULT PREP*** | |

Prep Batch: 3153756_P

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------------|-----------|--------|---------|------------|
| 890-335-1 | SW01 | Total/NA | Solid | SW5035A | |
| 890-335-2 | SW02 | Total/NA | Solid | SW5035A | |
| 890-335-3 | SW03 | Total/NA | Solid | SW5035A | |
| 890-335-4 | FS01 | Total/NA | Solid | SW5035A | |
| 890-335-5 | FS02 | Total/NA | Solid | SW5035A | |
| 890-335-6 | FS03 | Total/NA | Solid | SW5035A | |
| 890-335-7 | FS04 | Total/NA | Solid | SW5035A | |
| 890-335-8 | FS05 | Total/NA | Solid | SW5035A | |
| 7723410-1-BLK | Method Blank | Total/NA | SOIL | SW5035A | |
| 7723410-1-BKS | Lab Control Sample | Total/NA | SOIL | SW5035A | |
| 7723410-1-BSD | Lab Control Sample Dup | Total/NA | SOIL | SW5035A | |
| 691748-001 S | Matrix Spike | Total/NA | SOIL | SW5035A | |

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QC Association Summary

Client: WSP USA Inc.
Project/Site: Golden Child CTB

Job ID: 890-335-1
SDG: TE012921018

Subcontract (Continued)

Prep Batch: 3153756_P (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------------|-----------|--------|---------|------------|
| 691748-001 SD | Matrix Spike Duplicate | Total/NA | SOIL | SW5035A | |

Prep Batch: 3153836_P

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------------|-----------|--------|-----------------------|------------|
| 890-335-6 | FS03 | Total/NA | Solid | E300P | |
| 890-335-7 | FS04 | Total/NA | Solid | E300P | |
| 7723415-1-BLK | Method Blank | Total/NA | SOIL | ***DEFAULT PREP*** | |
| 7723415-1-BKS | Lab Control Sample | Total/NA | SOIL | ***DEFAULT PREP*** | |
| 7723415-1-BSD | Lab Control Sample Dup | Total/NA | SOIL | ***DEFAULT PREP*** | |
| 691748-006 S | Matrix Spike | Total/NA | SOIL | ***DEFAULT PREP*** | |
| 691748-006 SD | Matrix Spike Duplicate | Total/NA | SOIL | ***DEFAULT PREP*** | |

Prep Batch: 3153941_P

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------------|-----------|--------|-----------------------|------------|
| 890-335-1 | SW01 | Total/NA | Solid | SW8015P | |
| 890-335-2 | SW02 | Total/NA | Solid | SW8015P | |
| 890-335-3 | SW03 | Total/NA | Solid | SW8015P | |
| 890-335-4 | FS01 | Total/NA | Solid | SW8015P | |
| 890-335-5 | FS02 | Total/NA | Solid | SW8015P | |
| 890-335-6 | FS03 | Total/NA | Solid | SW8015P | |
| 890-335-7 | FS04 | Total/NA | Solid | SW8015P | |
| 890-335-8 | FS05 | Total/NA | Solid | SW8015P | |
| 7723503-1-BLK | Method Blank | Total/NA | SOIL | ***DEFAULT PREP*** | |
| 7723503-1-BKS | Lab Control Sample | Total/NA | SOIL | ***DEFAULT PREP*** | |
| 7723503-1-BSD | Lab Control Sample Dup | Total/NA | SOIL | ***DEFAULT PREP*** | |
| 691748-001 S | Matrix Spike | Total/NA | SOIL | ***DEFAULT PREP*** | |
| 691748-001 SD | Matrix Spike Duplicate | Total/NA | SOIL | ***DEFAULT PREP*** | |

Prep Batch: 3154078_P

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------------|-----------|--------|-----------------------|------------|
| 890-335-8 | FS05 | Total/NA | Solid | E300P | |
| 7723593-1-BLK | Method Blank | Total/NA | SOIL | ***DEFAULT PREP*** | |
| 7723593-1-BKS | Lab Control Sample | Total/NA | SOIL | ***DEFAULT PREP*** | |
| 7723593-1-BSD | Lab Control Sample Dup | Total/NA | SOIL | ***DEFAULT PREP*** | |
| 691748-008 S | Matrix Spike | Total/NA | SOIL | ***DEFAULT PREP*** | |
| 691748-008 SD | Matrix Spike Duplicate | Total/NA | SOIL | ***DEFAULT PREP*** | |

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Lab Chronicle

Client: WSP USA Inc.
Project/Site: Golden Child CTB

Job ID: 890-335-1
SDG: TE012921018

Client Sample ID: SW01

Lab Sample ID: 890-335-1

Date Collected: 03/12/21 08:25

Matrix: Solid

Date Received: 03/12/21 14:20

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|-----------------|-----|-----------------|--------------|----------------------|---------|-----|
| Total/NA | Prep | SW5035A | | 1 | 3153756_P | 03/15/21 09:00 | | XM |
| Total/NA | Analysis | BTEX 8021 | | 1 | 3153756 | 03/15/21 14:50 | KTL | XM |
| Total/NA | Prep | E300P | | 1 | 3153746_P | 03/15/21 14:45 | | XM |
| Total/NA | Analysis | CHLORIDE E300 | | 1 | 3153746 | 03/15/21 21:46 | CHE | XM |
| Total/NA | Analysis | TPH 8015_NM_MOD | | 1 | 3153941 | 03/16/21 11:49 | ARM | XM |
| Total/NA | Prep | SW8015P | | 1 | 3153941_P | 03/16/21 12:00 | | XM |

Client Sample ID: SW02

Lab Sample ID: 890-335-2

Date Collected: 03/12/21 11:20

Matrix: Solid

Date Received: 03/12/21 14:20

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|-----------------|-----|-----------------|--------------|----------------------|---------|-----|
| Total/NA | Prep | SW5035A | | 1 | 3153756_P | 03/15/21 09:00 | | XM |
| Total/NA | Analysis | BTEX 8021 | | 1 | 3153756 | 03/15/21 15:11 | KTL | XM |
| Total/NA | Prep | E300P | | 1 | 3153746_P | 03/15/21 14:45 | | XM |
| Total/NA | Analysis | CHLORIDE E300 | | 1 | 3153746 | 03/15/21 21:51 | CHE | XM |
| Total/NA | Prep | SW8015P | | 1 | 3153941_P | 03/16/21 12:00 | | XM |
| Total/NA | Analysis | TPH 8015_NM_MOD | | 1 | 3153941 | 03/16/21 12:53 | ARM | XM |

Client Sample ID: SW03

Lab Sample ID: 890-335-3

Date Collected: 03/12/21 11:25

Matrix: Solid

Date Received: 03/12/21 14:20

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|-----------------|-----|-----------------|--------------|----------------------|---------|-----|
| Total/NA | Prep | SW5035A | | 1 | 3153756_P | 03/15/21 09:00 | | XM |
| Total/NA | Analysis | BTEX 8021 | | 1 | 3153756 | 03/15/21 15:31 | KTL | XM |
| Total/NA | Prep | E300P | | 1 | 3153746_P | 03/15/21 14:45 | | XM |
| Total/NA | Analysis | CHLORIDE E300 | | 5 | 3153746 | 03/15/21 22:08 | CHE | XM |
| Total/NA | Prep | SW8015P | | 1 | 3153941_P | 03/16/21 12:00 | | XM |
| Total/NA | Analysis | TPH 8015_NM_MOD | | 1 | 3153941 | 03/16/21 13:14 | ARM | XM |

Client Sample ID: FS01

Lab Sample ID: 890-335-4

Date Collected: 03/12/21 08:30

Matrix: Solid

Date Received: 03/12/21 14:20

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|-----------------|-----|-----------------|--------------|----------------------|---------|-----|
| Total/NA | Prep | SW5035A | | 1 | 3153756_P | 03/15/21 09:00 | | XM |
| Total/NA | Analysis | BTEX 8021 | | 1 | 3153756 | 03/15/21 15:51 | KTL | XM |
| Total/NA | Prep | E300P | | 1 | 3153746_P | 03/15/21 14:45 | | XM |
| Total/NA | Analysis | CHLORIDE E300 | | 1 | 3153746 | 03/15/21 22:14 | CHE | XM |
| Total/NA | Prep | SW8015P | | 1 | 3153941_P | 03/16/21 12:00 | | XM |
| Total/NA | Analysis | TPH 8015_NM_MOD | | 1 | 3153941 | 03/16/21 13:35 | ARM | XM |

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Lab Chronicle

Client: WSP USA Inc.
Project/Site: Golden Child CTB

Job ID: 890-335-1
SDG: TE012921018

Client Sample ID: FS02

Lab Sample ID: 890-335-5

Date Collected: 03/12/21 11:15

Matrix: Solid

Date Received: 03/12/21 14:20

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|-----------------|-----|-----------------|--------------|----------------------|---------|-----|
| Total/NA | Prep | SW5035A | | 1 | 3153756_P | 03/15/21 09:00 | | XM |
| Total/NA | Analysis | BTEX 8021 | | 1 | 3153756 | 03/15/21 16:12 | KTL | XM |
| Total/NA | Prep | E300P | | 1 | 3153746_P | 03/15/21 14:45 | | XM |
| Total/NA | Analysis | CHLORIDE E300 | | 1 | 3153746 | 03/15/21 22:30 | CHE | XM |
| Total/NA | Prep | SW8015P | | 1 | 3153941_P | 03/16/21 12:00 | | XM |
| Total/NA | Analysis | TPH 8015_NM_MOD | | 1 | 3153941 | 03/16/21 13:56 | ARM | XM |

Client Sample ID: FS03

Lab Sample ID: 890-335-6

Date Collected: 03/12/21 10:50

Matrix: Solid

Date Received: 03/12/21 14:20

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|-----------------|-----|-----------------|--------------|----------------------|---------|-----|
| Total/NA | Prep | SW5035A | | 1 | 3153756_P | 03/15/21 09:00 | | XM |
| Total/NA | Analysis | BTEX 8021 | | 1 | 3153756 | 03/15/21 16:32 | KTL | XM |
| Total/NA | Prep | E300P | | 1 | 3153836_P | 03/16/21 10:45 | | XM |
| Total/NA | Analysis | CHLORIDE E300 | | 1 | 3153836 | 03/16/21 11:07 | CHE | XM |
| Total/NA | Prep | SW8015P | | 1 | 3153941_P | 03/16/21 12:00 | | XM |
| Total/NA | Analysis | TPH 8015_NM_MOD | | 1 | 3153941 | 03/16/21 14:17 | ARM | XM |

Client Sample ID: FS04

Lab Sample ID: 890-335-7

Date Collected: 03/12/21 10:55

Matrix: Solid

Date Received: 03/12/21 14:20

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|-----------------|-----|-----------------|--------------|----------------------|---------|-----|
| Total/NA | Prep | SW5035A | | 1 | 3153756_P | 03/15/21 09:00 | | XM |
| Total/NA | Analysis | BTEX 8021 | | 1 | 3153756 | 03/15/21 16:53 | KTL | XM |
| Total/NA | Prep | E300P | | 1 | 3153836_P | 03/16/21 10:45 | | XM |
| Total/NA | Analysis | CHLORIDE E300 | | 1 | 3153836 | 03/16/21 11:23 | CHE | XM |
| Total/NA | Prep | SW8015P | | 1 | 3153941_P | 03/16/21 12:00 | | XM |
| Total/NA | Analysis | TPH 8015_NM_MOD | | 1 | 3153941 | 03/16/21 14:38 | ARM | XM |

Client Sample ID: FS05

Lab Sample ID: 890-335-8

Date Collected: 03/12/21 11:00

Matrix: Solid

Date Received: 03/12/21 14:20

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|-----------------|-----|-----------------|--------------|----------------------|---------|-----|
| Total/NA | Prep | SW5035A | | 1 | 3153756_P | 03/15/21 09:00 | | XM |
| Total/NA | Analysis | BTEX 8021 | | 1 | 3153756 | 03/15/21 17:13 | KTL | XM |
| Total/NA | Prep | E300P | | 1 | 3154078_P | 03/18/21 10:30 | | XM |
| Total/NA | Analysis | CHLORIDE E300 | | 1 | 3154078 | 03/18/21 10:57 | CHE | XM |
| Total/NA | Prep | SW8015P | | 1 | 3153941_P | 03/16/21 12:00 | | XM |
| Total/NA | Analysis | TPH 8015_NM_MOD | | 1 | 3153941 | 03/16/21 15:00 | ARM | XM |

Laboratory References:

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

Eurofins Carlsbad

Accreditation/Certification Summary

Client: WSP USA Inc.
Project/Site: Golden Child CTB

Job ID: 890-335-1
SDG: TE012921018

Laboratory: Eurofins Midland

The accreditations/certifications listed below are applicable to this report.

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

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- 13

Method Summary

Client: WSP USA Inc.
Project/Site: Golden Child CTB

Job ID: 890-335-1
SDG: TE012921018

| Method | Method Description | Protocol | Laboratory |
|-------------|--------------------|----------|------------|
| Subcontract | BTEX 8021 | None | XM |
| Subcontract | CHLORIDE E300 | None | XM |
| Subcontract | TPH 8015_NM_MOD | None | XM |

Protocol References:

None = None

Laboratory References:

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

Sample Summary

Client: WSP USA Inc.
Project/Site: Golden Child CTB

Job ID: 890-335-1
SDG: TE012921018

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Asset ID |
|---------------|------------------|--------|----------------|----------------|----------|
| 890-335-1 | SW01 | Solid | 03/12/21 08:25 | 03/12/21 14:20 | |
| 890-335-2 | SW02 | Solid | 03/12/21 11:20 | 03/12/21 14:20 | |
| 890-335-3 | SW03 | Solid | 03/12/21 11:25 | 03/12/21 14:20 | |
| 890-335-4 | FS01 | Solid | 03/12/21 08:30 | 03/12/21 14:20 | |
| 890-335-5 | FS02 | Solid | 03/12/21 11:15 | 03/12/21 14:20 | |
| 890-335-6 | FS03 | Solid | 03/12/21 10:50 | 03/12/21 14:20 | |
| 890-335-7 | FS04 | Solid | 03/12/21 10:55 | 03/12/21 14:20 | |
| 890-335-8 | FS05 | Solid | 03/12/21 11:00 | 03/12/21 14:20 | |



Environment Testing

Xenco

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

Chain of Custody

Work Order No: _____

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| | | | |
|------------------|-----------------------------|-------------------------|---|
| Project Manager: | Don Main | Bill to: (if different) | Mike Little |
| Company Name: | WSP USA Inc. Permian Office | Company Name: | XTO Energy |
| Address: | 3300 North A Street | Address: | 522 West McLeod |
| City, State ZIP: | Midland TX 79705 | City, State ZIP: | Carlsbad NM 88220 |
| Phone: | (432) 236-3849 | Email: | clizabeth.mika@wsp.com dan.mika@wsp.com |

| | |
|-------------------|---|
| Program: | UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/> |
| State of Project: | |
| Reporting: | Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/> |
| Deliverables: | EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other: _____ |

| | | | |
|--------------------------|---|--|------------|
| Project Name: | Goldenchild CTB | Turn Around | Pres. Code |
| Project Number: | TE012921018 | <input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Day | |
| Project Location: | Bddy County NM | Due Date: | |
| Sampler's Name: | Elizbeth Mika | TAT starts the day received by the lab, if received by 4:30pm | |
| P.O. #: | | | |
| SAMPLE RECEIPT | Temp Blank: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Wet Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | |
| Samples Received Intact: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Thermometer ID: LNM-007 | |
| Cooler Custody Seals: | Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | Correction Factor: -0.2 | |
| Sample Custody Seals: | Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | Temperature Reading: 0.1g | |
| Total Containers: | | Corrected Temperature: 0.9 | |



890-335 Chain of Custody

| Sample Identification | Matrix | Date Sampled | Time Sampled | Depth | Grab/Comp | # of Cont | Parameters | Preservative Codes | Sample Comments |
|-----------------------|--------|--------------|--------------|-------|-----------|-----------|----------------------|---|-----------------|
| SW01 | S | 3/12/21 | 0825 | 0'-2' | | 1 | TPH (EPA 8015) | None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₅ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC | |
| SW02 | | | 1120 | 0'-2' | | | BTEX (EPA 0-8021) | | |
| SW03 | | | 1125 | 0'-2' | | | Chloride (EPA 300.0) | | |
| BS01 | | | 0830 | 2' | | | | | |
| FS02 | | | 1115 | 2' | | | | | |
| FS03 | | | 1050 | 3' | | | | | |
| FS04 | | | 1055 | 3' | | | | | |
| FS05 | | | 1900 | 3' | | | | | |

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 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 Hg: 1631 / 245.1 / 7470 / 7471

Note: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins 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 Eurofins Xenco. A minimum charge of \$35.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins 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>Don Main</i> | <i>Cecilia</i> | 3-12-21 1356 | | | |
| | | | | | |
| | | | | | |



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 890-554-1

Laboratory Sample Delivery Group: Eddy County NM
Client Project/Site: Goldenchild Battery - TE012921018

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:
4/26/2021 7:37:19 PM

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

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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: Goldenchild Battery - TE012921018

Laboratory Job ID: 890-554-1
SDG: Eddy County NM

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Definitions/Glossary

Client: WSP USA Inc.

Project/Site: Goldenchild Battery - TE012921018

Job ID: 890-554-1

SDG: Eddy County NM

Qualifiers

GC VOA

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

GC Semi VOA

| Qualifier | Qualifier Description |
|-----------|--|
| S1- | Surrogate recovery exceeds control limits, low biased. |
| U | Indicates the analyte was analyzed for but not detected. |

HPLC/IC

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

Glossary

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

Case Narrative

Client: WSP USA Inc.
Project/Site: Goldenchild Battery - TE012921018

Job ID: 890-554-1
SDG: Eddy County NM

Job ID: 890-554-1

Laboratory: Eurofins Xenco, Carlsbad

Narrative

Job Narrative
890-554-1

Receipt

The samples were received on 4/22/2021 12:35 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 1.4°C

Receipt Exceptions

The following samples analyzed for method BTEX 8021 were received and analyzed from an unpreserved bulk soil jar: FS06 (890-554-1), SW04 (890-554-2), PH04 (890-554-3) and PH04 A (890-554-4).

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: FS06 (890-554-1), SW04 (890-554-2), PH04 (890-554-3) and PH04 A (890-554-4). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

GC Semi VOA

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

HPLC/IC

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

Client Sample Results

Client: WSP USA Inc.

Job ID: 890-554-1

Project/Site: Goldenchild Battery - TE012921018

SDG: Eddy County NM

Client Sample ID: FS06

Lab Sample ID: 890-554-1

Date Collected: 04/22/21 09:25

Matrix: Solid

Date Received: 04/22/21 12:35

Sample Depth: - 4

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | mg/Kg | | 04/23/21 13:38 | 04/24/21 17:18 | 1 |
| Toluene | 0.00363 | | 0.00199 | mg/Kg | | 04/23/21 13:38 | 04/24/21 17:18 | 1 |
| Ethylbenzene | 0.00456 | | 0.00199 | mg/Kg | | 04/23/21 13:38 | 04/24/21 17:18 | 1 |
| m-Xylene & p-Xylene | 0.0103 | | 0.00398 | mg/Kg | | 04/23/21 13:38 | 04/24/21 17:18 | 1 |
| o-Xylene | 0.00362 | | 0.00199 | mg/Kg | | 04/23/21 13:38 | 04/24/21 17:18 | 1 |
| Xylenes, Total | 0.0139 | | 0.00398 | mg/Kg | | 04/23/21 13:38 | 04/24/21 17:18 | 1 |
| Total BTEX | 0.0221 | | 0.00398 | mg/Kg | | 04/23/21 13:38 | 04/24/21 17:18 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 219 | S1+ | 70 - 130 | 04/23/21 13:38 | 04/24/21 17:18 | 1 |
| 1,4-Difluorobenzene (Surr) | 78 | | 70 - 130 | 04/23/21 13:38 | 04/24/21 17:18 | 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 | | 04/23/21 13:47 | 04/26/21 14:52 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | mg/Kg | | 04/23/21 13:47 | 04/26/21 14:52 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | mg/Kg | | 04/23/21 13:47 | 04/26/21 14:52 | 1 |
| Total TPH | <50.0 | U | 50.0 | mg/Kg | | 04/23/21 13:47 | 04/26/21 14:52 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 79 | | 70 - 130 | 04/23/21 13:47 | 04/26/21 14:52 | 1 |
| o-Terphenyl | 67 | S1- | 70 - 130 | 04/23/21 13:47 | 04/26/21 14:52 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 21.5 | | 4.97 | mg/Kg | | | 04/25/21 09:19 | 1 |

Client Sample ID: SW04

Lab Sample ID: 890-554-2

Date Collected: 04/22/21 09:45

Matrix: Solid

Date Received: 04/22/21 12:35

Sample Depth: 0 - 4

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-------|---|----------------|----------------|---------|
| Benzene | <0.00199 | U | 0.00199 | mg/Kg | | 04/23/21 13:38 | 04/24/21 17:39 | 1 |
| Toluene | <0.00199 | U | 0.00199 | mg/Kg | | 04/23/21 13:38 | 04/24/21 17:39 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | mg/Kg | | 04/23/21 13:38 | 04/24/21 17:39 | 1 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.00398 | mg/Kg | | 04/23/21 13:38 | 04/24/21 17:39 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | mg/Kg | | 04/23/21 13:38 | 04/24/21 17:39 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | mg/Kg | | 04/23/21 13:38 | 04/24/21 17:39 | 1 |
| Total BTEX | <0.00398 | U | 0.00398 | mg/Kg | | 04/23/21 13:38 | 04/24/21 17:39 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 211 | S1+ | 70 - 130 | 04/23/21 13:38 | 04/24/21 17:39 | 1 |
| 1,4-Difluorobenzene (Surr) | 102 | | 70 - 130 | 04/23/21 13:38 | 04/24/21 17:39 | 1 |

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.

Job ID: 890-554-1

Project/Site: Goldenchild Battery - TE012921018

SDG: Eddy County NM

Client Sample ID: SW04

Lab Sample ID: 890-554-2

Date Collected: 04/22/21 09:45

Matrix: Solid

Date Received: 04/22/21 12:35

Sample Depth: 0 - 4

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

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | mg/Kg | | 04/23/21 13:47 | 04/26/21 15:13 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | mg/Kg | | 04/23/21 13:47 | 04/26/21 15:13 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | mg/Kg | | 04/23/21 13:47 | 04/26/21 15:13 | 1 |
| Total TPH | <50.0 | U | 50.0 | mg/Kg | | 04/23/21 13:47 | 04/26/21 15:13 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 60 | S1- | 70 - 130 | 04/23/21 13:47 | 04/26/21 15:13 | 1 |
| o-Terphenyl | 52 | S1- | 70 - 130 | 04/23/21 13:47 | 04/26/21 15:13 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 21.0 | | 4.99 | mg/Kg | | | 04/25/21 09:24 | 1 |

Client Sample ID: PH04

Lab Sample ID: 890-554-3

Date Collected: 04/22/21 10:20

Matrix: Solid

Date Received: 04/22/21 12:35

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 | | 04/23/21 13:38 | 04/24/21 18:00 | 1 |
| Toluene | <0.00198 | U | 0.00198 | mg/Kg | | 04/23/21 13:38 | 04/24/21 18:00 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | mg/Kg | | 04/23/21 13:38 | 04/24/21 18:00 | 1 |
| m-Xylene & p-Xylene | <0.00397 | U | 0.00397 | mg/Kg | | 04/23/21 13:38 | 04/24/21 18:00 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | mg/Kg | | 04/23/21 13:38 | 04/24/21 18:00 | 1 |
| Xylenes, Total | <0.00397 | U | 0.00397 | mg/Kg | | 04/23/21 13:38 | 04/24/21 18:00 | 1 |
| Total BTEX | <0.00397 | U | 0.00397 | mg/Kg | | 04/23/21 13:38 | 04/24/21 18:00 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 111 | | 70 - 130 | 04/23/21 13:38 | 04/24/21 18:00 | 1 |
| 1,4-Difluorobenzene (Surr) | 89 | | 70 - 130 | 04/23/21 13:38 | 04/24/21 18:00 | 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 | <50.0 | U | 50.0 | mg/Kg | | 04/23/21 13:47 | 04/26/21 15:34 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | mg/Kg | | 04/23/21 13:47 | 04/26/21 15:34 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | mg/Kg | | 04/23/21 13:47 | 04/26/21 15:34 | 1 |
| Total TPH | <50.0 | U | 50.0 | mg/Kg | | 04/23/21 13:47 | 04/26/21 15:34 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 76 | | 70 - 130 | 04/23/21 13:47 | 04/26/21 15:34 | 1 |
| o-Terphenyl | 69 | S1- | 70 - 130 | 04/23/21 13:47 | 04/26/21 15:34 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 16.7 | | 4.95 | mg/Kg | | | 04/25/21 09:29 | 1 |

Eurofins Xenco, Carlsbad

Client Sample Results

Client: WSP USA Inc.

Job ID: 890-554-1

Project/Site: Goldenchild Battery - TE012921018

SDG: Eddy County NM

Client Sample ID: PH04 A

Lab Sample ID: 890-554-4

Date Collected: 04/22/21 10:25

Matrix: Solid

Date Received: 04/22/21 12:35

Sample Depth: - 3

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-------|---|----------------|----------------|---------|
| Benzene | <0.00202 | U | 0.00202 | mg/Kg | | 04/23/21 13:38 | 04/24/21 18:20 | 1 |
| Toluene | <0.00202 | U | 0.00202 | mg/Kg | | 04/23/21 13:38 | 04/24/21 18:20 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | mg/Kg | | 04/23/21 13:38 | 04/24/21 18:20 | 1 |
| m-Xylene & p-Xylene | <0.00403 | U | 0.00403 | mg/Kg | | 04/23/21 13:38 | 04/24/21 18:20 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | mg/Kg | | 04/23/21 13:38 | 04/24/21 18:20 | 1 |
| Xylenes, Total | <0.00403 | U | 0.00403 | mg/Kg | | 04/23/21 13:38 | 04/24/21 18:20 | 1 |
| Total BTEX | <0.00403 | U | 0.00403 | mg/Kg | | 04/23/21 13:38 | 04/24/21 18:20 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 117 | | 70 - 130 | 04/23/21 13:38 | 04/24/21 18:20 | 1 |
| 1,4-Difluorobenzene (Surr) | 109 | | 70 - 130 | 04/23/21 13:38 | 04/24/21 18:20 | 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 | | 04/23/21 13:47 | 04/26/21 15:56 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | mg/Kg | | 04/23/21 13:47 | 04/26/21 15:56 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | mg/Kg | | 04/23/21 13:47 | 04/26/21 15:56 | 1 |
| Total TPH | <49.9 | U | 49.9 | mg/Kg | | 04/23/21 13:47 | 04/26/21 15:56 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 80 | | 70 - 130 | 04/23/21 13:47 | 04/26/21 15:56 | 1 |
| o-Terphenyl | 70 | | 70 - 130 | 04/23/21 13:47 | 04/26/21 15:56 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 14.2 | | 5.00 | mg/Kg | | | 04/25/21 09:34 | 1 |

Eurofins Xenco, Carlsbad

Surrogate Summary

Client: WSP USA Inc.
Project/Site: Goldenchild Battery - TE012921018

Job ID: 890-554-1
SDG: Eddy County NM

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) |
| 890-554-1 | FS06 | 219 S1+ | 78 |
| 890-554-2 | SW04 | 211 S1+ | 102 |
| 890-554-3 | PH04 | 111 | 89 |
| 890-554-4 | PH04 A | 117 | 109 |
| LCS 880-2226/1-B | Lab Control Sample | 90 | 103 |
| LCSD 880-2226/2-B | Lab Control Sample Dup | 97 | 107 |
| MB 880-2226/5-B | Method Blank | 109 | 98 |
| 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) |
| 890-554-1 | FS06 | 79 | 67 S1- |
| 890-554-2 | SW04 | 60 S1- | 52 S1- |
| 890-554-3 | PH04 | 76 | 69 S1- |
| 890-554-4 | PH04 A | 80 | 70 |
| LCS 880-2228/2-A | Lab Control Sample | 111 | 102 |
| LCSD 880-2228/3-A | Lab Control Sample Dup | 103 | 98 |
| MB 880-2228/1-A | Method Blank | 111 | 115 |
| Surrogate Legend | | | |
| 1CO = 1-Chlorooctane | | | |
| OTPH = o-Terphenyl | | | |

QC Sample Results

Client: WSP USA Inc.

Job ID: 890-554-1

Project/Site: Goldenchild Battery - TE012921018

SDG: Eddy County NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-2226/5-B

Matrix: Solid

Analysis Batch: 2277

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 2226

| Analyte | MB Result | MB Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|-----------|--------------|---------|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | mg/Kg | | 04/23/21 13:38 | 04/24/21 16:15 | 1 |
| Toluene | <0.00200 | U | 0.00200 | mg/Kg | | 04/23/21 13:38 | 04/24/21 16:15 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | mg/Kg | | 04/23/21 13:38 | 04/24/21 16:15 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | mg/Kg | | 04/23/21 13:38 | 04/24/21 16:15 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | mg/Kg | | 04/23/21 13:38 | 04/24/21 16:15 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | mg/Kg | | 04/23/21 13:38 | 04/24/21 16:15 | 1 |
| Total BTEX | <0.00400 | U | 0.00400 | mg/Kg | | 04/23/21 13:38 | 04/24/21 16:15 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 109 | | 70 - 130 | 04/23/21 13:38 | 04/24/21 16:15 | 1 |
| 1,4-Difluorobenzene (Surr) | 98 | | 70 - 130 | 04/23/21 13:38 | 04/24/21 16:15 | 1 |

Lab Sample ID: LCS 880-2226/1-B

Matrix: Solid

Analysis Batch: 2277

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 2226

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---------------------|-------------|------------|---------------|-------|---|------|--------------|
| Benzene | 0.100 | 0.08212 | | mg/Kg | | 82 | 70 - 130 |
| Toluene | 0.100 | 0.09331 | | mg/Kg | | 93 | 70 - 130 |
| Ethylbenzene | 0.100 | 0.09093 | | mg/Kg | | 91 | 70 - 130 |
| m-Xylene & p-Xylene | 0.200 | 0.1860 | | mg/Kg | | 93 | 70 - 130 |
| o-Xylene | 0.100 | 0.09092 | | mg/Kg | | 91 | 70 - 130 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|-----------------------------|---------------|---------------|----------|
| 4-Bromofluorobenzene (Surr) | 90 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 103 | | 70 - 130 |

Lab Sample ID: LCSD 880-2226/2-B

Matrix: Solid

Analysis Batch: 2277

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 2226

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---------------------|-------------|-------------|----------------|-------|---|------|--------------|-----|-----------|
| Benzene | 0.100 | 0.08693 | | mg/Kg | | 87 | 70 - 130 | 6 | 35 |
| Toluene | 0.100 | 0.1020 | | mg/Kg | | 102 | 70 - 130 | 9 | 35 |
| Ethylbenzene | 0.100 | 0.09697 | | mg/Kg | | 97 | 70 - 130 | 6 | 35 |
| m-Xylene & p-Xylene | 0.200 | 0.1979 | | mg/Kg | | 99 | 70 - 130 | 6 | 35 |
| o-Xylene | 0.100 | 0.09656 | | mg/Kg | | 97 | 70 - 130 | 6 | 35 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|-----------------------------|----------------|----------------|----------|
| 4-Bromofluorobenzene (Surr) | 97 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 107 | | 70 - 130 |

Eurofins Xenco, Carlsbad

QC Sample Results

Client: WSP USA Inc.

Job ID: 890-554-1

Project/Site: Goldenchild Battery - TE012921018

SDG: Eddy County NM

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

Lab Sample ID: MB 880-2228/1-A

Matrix: Solid

Analysis Batch: 2306

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 2228

| 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 | | 04/23/21 13:47 | 04/26/21 08:31 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | mg/Kg | | 04/23/21 13:47 | 04/26/21 08:31 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | mg/Kg | | 04/23/21 13:47 | 04/26/21 08:31 | 1 |
| Total TPH | <50.0 | U | 50.0 | mg/Kg | | 04/23/21 13:47 | 04/26/21 08:31 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|----------------|--------------|--------------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 111 | | 70 - 130 | 04/23/21 13:47 | 04/26/21 08:31 | 1 |
| o-Terphenyl | 115 | | 70 - 130 | 04/23/21 13:47 | 04/26/21 08:31 | 1 |

Lab Sample ID: LCS 880-2228/2-A

Matrix: Solid

Analysis Batch: 2306

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 2228

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|--------------------------------------|-------------|------------|---------------|-------|---|------|--------------|
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 1174 | | mg/Kg | | 117 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | 1000 | 1036 | | mg/Kg | | 104 | 70 - 130 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|----------------|---------------|---------------|----------|
| 1-Chlorooctane | 111 | | 70 - 130 |
| o-Terphenyl | 102 | | 70 - 130 |

Lab Sample ID: LCSD 880-2228/3-A

Matrix: Solid

Analysis Batch: 2306

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 2228

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|--------------------------------------|-------------|-------------|----------------|-------|---|------|--------------|-----|-----------|
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 1125 | | mg/Kg | | 112 | 70 - 130 | 4 | 20 |
| Diesel Range Organics (Over C10-C28) | 1000 | 1013 | | mg/Kg | | 101 | 70 - 130 | 2 | 20 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|----------------|----------------|----------------|----------|
| 1-Chlorooctane | 103 | | 70 - 130 |
| o-Terphenyl | 98 | | 70 - 130 |

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-2211/1-A

Matrix: Solid

Analysis Batch: 2297

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 | | | 04/25/21 07:02 | 1 |

Eurofins Xenco, Carlsbad

QC Sample Results

Client: WSP USA Inc.
Project/Site: Goldenchild Battery - TE012921018

Job ID: 890-554-1
SDG: Eddy County NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

| | | | | | | | | | |
|---------------------------------|-------------|------------|---------------|-------|--------------------------------------|------|--------------|--|--|
| Lab Sample ID: LCS 880-2211/2-A | | | | | Client Sample ID: Lab Control Sample | | | | |
| Matrix: Solid | | | | | Prep Type: Soluble | | | | |
| Analysis Batch: 2297 | | | | | | | | | |
| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
| Chloride | 250 | 268.9 | | mg/Kg | | 108 | 90 - 110 | | |

| | | | | | | | | | |
|----------------------------------|-------------|-------------|----------------|-------|--|------|--------------|-----|-----------|
| Lab Sample ID: LCSD 880-2211/3-A | | | | | Client Sample ID: Lab Control Sample Dup | | | | |
| Matrix: Solid | | | | | Prep Type: Soluble | | | | |
| Analysis Batch: 2297 | | | | | | | | | |
| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
| Chloride | 250 | 267.5 | | mg/Kg | | 107 | 90 - 110 | 1 | 20 |

QC Association Summary

Client: WSP USA Inc.

Job ID: 890-554-1

Project/Site: Goldenchild Battery - TE012921018

SDG: Eddy County NM

GC VOA

Prep Batch: 2226

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 890-554-1 | FS06 | Total/NA | Solid | 5035 | |
| 890-554-2 | SW04 | Total/NA | Solid | 5035 | |
| 890-554-3 | PH04 | Total/NA | Solid | 5035 | |
| 890-554-4 | PH04 A | Total/NA | Solid | 5035 | |
| MB 880-2226/5-B | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-2226/1-B | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-2226/2-B | Lab Control Sample Dup | Total/NA | Solid | 5035 | |

Analysis Batch: 2277

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 890-554-1 | FS06 | Total/NA | Solid | 8021B | 2226 |
| 890-554-2 | SW04 | Total/NA | Solid | 8021B | 2226 |
| 890-554-3 | PH04 | Total/NA | Solid | 8021B | 2226 |
| 890-554-4 | PH04 A | Total/NA | Solid | 8021B | 2226 |
| MB 880-2226/5-B | Method Blank | Total/NA | Solid | 8021B | 2226 |
| LCS 880-2226/1-B | Lab Control Sample | Total/NA | Solid | 8021B | 2226 |
| LCSD 880-2226/2-B | Lab Control Sample Dup | Total/NA | Solid | 8021B | 2226 |

GC Semi VOA

Prep Batch: 2228

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|-------------|------------|
| 890-554-1 | FS06 | Total/NA | Solid | 8015NM Prep | |
| 890-554-2 | SW04 | Total/NA | Solid | 8015NM Prep | |
| 890-554-3 | PH04 | Total/NA | Solid | 8015NM Prep | |
| 890-554-4 | PH04 A | Total/NA | Solid | 8015NM Prep | |
| MB 880-2228/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-2228/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-2228/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |

Analysis Batch: 2306

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|----------|------------|
| 890-554-1 | FS06 | Total/NA | Solid | 8015B NM | 2228 |
| 890-554-2 | SW04 | Total/NA | Solid | 8015B NM | 2228 |
| 890-554-3 | PH04 | Total/NA | Solid | 8015B NM | 2228 |
| 890-554-4 | PH04 A | Total/NA | Solid | 8015B NM | 2228 |
| MB 880-2228/1-A | Method Blank | Total/NA | Solid | 8015B NM | 2228 |
| LCS 880-2228/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 2228 |
| LCSD 880-2228/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 2228 |

HPLC/IC

Leach Batch: 2211

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|----------|------------|
| 890-554-1 | FS06 | Soluble | Solid | DI Leach | |
| 890-554-2 | SW04 | Soluble | Solid | DI Leach | |
| 890-554-3 | PH04 | Soluble | Solid | DI Leach | |
| 890-554-4 | PH04 A | Soluble | Solid | DI Leach | |
| MB 880-2211/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-2211/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-2211/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |

Eurofins Xenco, Carlsbad

QC Association Summary

Client: WSP USA Inc.

Job ID: 890-554-1

Project/Site: Goldenchild Battery - TE012921018

SDG: Eddy County NM

HPLC/IC

Analysis Batch: 2297

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 890-554-1 | FS06 | Soluble | Solid | 300.0 | 2211 |
| 890-554-2 | SW04 | Soluble | Solid | 300.0 | 2211 |
| 890-554-3 | PH04 | Soluble | Solid | 300.0 | 2211 |
| 890-554-4 | PH04 A | Soluble | Solid | 300.0 | 2211 |
| MB 880-2211/1-A | Method Blank | Soluble | Solid | 300.0 | 2211 |
| LCS 880-2211/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 2211 |
| LCSD 880-2211/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 2211 |

Lab Chronicle

Client: WSP USA Inc.

Project/Site: Goldenchild Battery - TE012921018

Job ID: 890-554-1

SDG: Eddy County NM

Client Sample ID: FS06

Lab Sample ID: 890-554-1

Date Collected: 04/22/21 09:25

Matrix: Solid

Date Received: 04/22/21 12:35

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|-----|
| Total/NA | Prep | 5035 | | | 2226 | 04/23/21 13:38 | KL | XM |
| Total/NA | Analysis | 8021B | | 1 | 2277 | 04/24/21 17:18 | KL | XM |
| Total/NA | Prep | 8015NM Prep | | | 2228 | 04/23/21 13:47 | DM | XM |
| Total/NA | Analysis | 8015B NM | | 1 | 2306 | 04/26/21 14:52 | AJ | XM |
| Soluble | Leach | DI Leach | | | 2211 | 04/23/21 12:16 | CH | XM |
| Soluble | Analysis | 300.0 | | 1 | 2297 | 04/25/21 09:19 | WP | XM |

Client Sample ID: SW04

Lab Sample ID: 890-554-2

Date Collected: 04/22/21 09:45

Matrix: Solid

Date Received: 04/22/21 12:35

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|-----|
| Total/NA | Prep | 5035 | | | 2226 | 04/23/21 13:38 | KL | XM |
| Total/NA | Analysis | 8021B | | 1 | 2277 | 04/24/21 17:39 | KL | XM |
| Total/NA | Prep | 8015NM Prep | | | 2228 | 04/23/21 13:47 | DM | XM |
| Total/NA | Analysis | 8015B NM | | 1 | 2306 | 04/26/21 15:13 | AJ | XM |
| Soluble | Leach | DI Leach | | | 2211 | 04/23/21 12:16 | CH | XM |
| Soluble | Analysis | 300.0 | | 1 | 2297 | 04/25/21 09:24 | WP | XM |

Client Sample ID: PH04

Lab Sample ID: 890-554-3

Date Collected: 04/22/21 10:20

Matrix: Solid

Date Received: 04/22/21 12:35

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|-----|
| Total/NA | Prep | 5035 | | | 2226 | 04/23/21 13:38 | KL | XM |
| Total/NA | Analysis | 8021B | | 1 | 2277 | 04/24/21 18:00 | KL | XM |
| Total/NA | Prep | 8015NM Prep | | | 2228 | 04/23/21 13:47 | DM | XM |
| Total/NA | Analysis | 8015B NM | | 1 | 2306 | 04/26/21 15:34 | AJ | XM |
| Soluble | Leach | DI Leach | | | 2211 | 04/23/21 12:16 | CH | XM |
| Soluble | Analysis | 300.0 | | 1 | 2297 | 04/25/21 09:29 | WP | XM |

Client Sample ID: PH04 A

Lab Sample ID: 890-554-4

Date Collected: 04/22/21 10:25

Matrix: Solid

Date Received: 04/22/21 12:35

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|-----|
| Total/NA | Prep | 5035 | | | 2226 | 04/23/21 13:38 | KL | XM |
| Total/NA | Analysis | 8021B | | 1 | 2277 | 04/24/21 18:20 | KL | XM |
| Total/NA | Prep | 8015NM Prep | | | 2228 | 04/23/21 13:47 | DM | XM |
| Total/NA | Analysis | 8015B NM | | 1 | 2306 | 04/26/21 15:56 | AJ | XM |
| Soluble | Leach | DI Leach | | | 2211 | 04/23/21 12:16 | CH | XM |
| Soluble | Analysis | 300.0 | | 1 | 2297 | 04/25/21 09:34 | WP | XM |

Laboratory References:

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

Eurofins Xenco, Carlsbad

Accreditation/Certification Summary

Client: WSP USA Inc.
Project/Site: Goldenchild Battery - TE012921018

Job ID: 890-554-1
SDG: Eddy County NM

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: Goldenchild Battery - TE012921018

Job ID: 890-554-1
SDG: Eddy County NM

| 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.

Job ID: 890-554-1

Project/Site: Goldenchild Battery - TE012921018

SDG: Eddy County NM

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Depth |
|---------------|------------------|--------|----------------|----------------|-------|
| 890-554-1 | FS06 | Solid | 04/22/21 09:25 | 04/22/21 12:35 | - 4 |
| 890-554-2 | SW04 | Solid | 04/22/21 09:45 | 04/22/21 12:35 | 0 - 4 |
| 890-554-3 | PH04 | Solid | 04/22/21 10:20 | 04/22/21 12:35 | - 1 |
| 890-554-4 | PH04 A | Solid | 04/22/21 10:25 | 04/22/21 12:35 | - 3 |

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Chain of Custody

Work Order No: _____

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4/26/2021

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) 794-1295
 Hobbs, NM (575) 392-7550 Phoenix, AZ (480) 355-0900 Atlanta, GA (770) 449-8800 Tampa, FL (813) 620-2000

www.xenco.com

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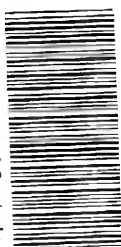
| | | | |
|------------------|-----------------------------|-------------------------|--|
| Project Manager: | Dan Moir | Bill to: (if different) | Kyle Littlell |
| Company Name: | WSP USA Inc. Permian office | Company Name: | XTO Energy |
| Address: | 3300 North A Street | Address: | 522 West Mermond |
| City, State ZIP: | Midland, TX 79705 | City, State ZIP: | Carlsbad, NM 88220 |
| Phone: | (432) 236-3849 | Email: | elizabeth.naka@wsp.com, dan.moir@wsp.com |

| | | | | |
|--------------------|------------------------------------|--------------------------------------|-----------------------------|------------------------------------|
| Program: UST/PST | <input type="checkbox"/> RP | <input type="checkbox"/> Brownfields | <input type="checkbox"/> RC | <input type="checkbox"/> Superfund |
| State of Project: | | | | |
| Reporting Level II | <input type="checkbox"/> Level III | <input type="checkbox"/> P1/UST | <input type="checkbox"/> RP | <input type="checkbox"/> Level IV |
| Deliverables: EDD | <input type="checkbox"/> ADAPT | <input type="checkbox"/> Other: | | |

| | | | |
|-----------------|-------------------|-------------|--------------------------|
| Project Name: | Goldbach, BATTERY | Turn Around | |
| Project Number: | TE012921018 | Routine | <input type="checkbox"/> |
| P.O. Number: | Eddy County | Rush: 3 day | |
| Sampler's Name: | Elizabeth Naka | Due Date: | |

| | | | | |
|-----------------------|---|---|-----------|---|
| SAMPLE RECEIPT | Temp Blank: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Well Ice: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Temperature (°C): | 16/1.4 | Thermometer ID | | |
| Received Intact: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Correction Factor: | -0.2 | |
| Cooler Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Total Containers: | | |
| Sample Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | | | |

890-554 Chain of Custody



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

| Sample Identification | Matrix | Date Sampled | Time Sampled | Depth | Number of Containers | TPH (EPA 8015) | BTEX (EPA 0=8021) | Chloride (EPA 300.0) | Sample Comments |
|-----------------------|--------|--------------|--------------|-------|----------------------|----------------|-------------------|----------------------|-----------------|
| FS06 | S | 4/22/21 | 0925 | 4' | 1 | X | X | X | comp. pos. ite |
| SW04 | S | | 0945 | 0'-4' | 1 | X | X | X | discart |
| PH04 | S | | 1020 | 1' | 1 | X | X | X | discart |
| PH04X | S | | 1025 | 3' | 1 | X | X | X | discart |

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 Material(s) to be analyzed: TCLP, SPLP, 6010, 8RCRA, Sb, As, Ba, Be, Cd, Cr, Co, Cu, Pb, Mn, Mo, Ni, Se, Ag, Ti, U 1637 / 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>Elizabeth Naka</i> | <i>Joe Culp</i> | 4-22-21 1235 | | | |
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Eurofins Xenco. Carlsbad

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

Chain of Custody Record



Environment Testing

| | | | | | | | | | | | | |
|---|---------------------|---------------------------------|---|---|---|--|-----------------------------------|--|--|-------------------------------|-----------------------------------|----------------------------------|
| Client Information (Sub Contract Lab) | | Sampler | Lab PM | Carrier Tracking No(s) | COC No: | | | | | | | |
| Client Contact | Shipping/Receiving | Phone | Kramer, Jessica | State of Origin | 890-179 1 | | | | | | | |
| Company | Eurofins Xenco | | E-Mail jessica.kramer@eurofins.com | New Mexico | Page: 1 of 1 | | | | | | | |
| Address | 1211 W Florida Ave. | Due Date Requested 4/27/2021 | Accreditations Required (See note) NELAP - Louisiana NELAP - Texas | | Job #: 890-554-1 | | | | | | | |
| City | Midland | TAT Requested (days) | Analysis Requested | | | | | | | | | |
| State, Zip: | TX 79701 | | | | | | | | | | | |
| Phone: | 432-704-5440(Tel) | PO #: | | | | | | | | | | |
| Email | | W/O #: | | | | | | | | | | |
| Project Name: | Goldenchild Battery | Project #: | | | | | | | | | | |
| Site: | | SSOW#: | | | | | | | | | | |
| Sample Identification - Client ID (Lab ID) | | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water, S=solid, O=wastewat, B=leach, A=AI) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 8015MOD_NM/8015NM_S_Prep Full TPH | 300_ORGFM_28D/DI_LEACH Chloride | 8021B/6035FP_Calc BTEX | Total Number of containers | Special Instructions/Note |
| FS06 (890-554-1) | 4/22/21 | 09 25 | Mountain | Solid | | X | X | X | | | 1 | |
| SW04 (890-554-2) | 4/22/21 | 09 45 | Mountain | Solid | | X | X | X | | | 1 | |
| PH04 (890-554-3) | 4/22/21 | 10 20 | Mountain | Solid | | X | X | X | | | 1 | |
| PH04 A (890-554-4) | 4/22/21 | 10 25 | 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 our subcontracted 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/test/matrix being analyzed, the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Xenco LLC. | | | | | | | | | | | | |
| Possible Hazard Identification | | | | | | | | | | | | |
| Unconfirmed | | | | | | | | | | | | |
| Deliverable Requested I II III IV Other (specify) Primary Deliverable Rank 2 | | | | | | | | | | | | |
| Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) | | | | | | | | | | | | |
| <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months | | | | | | | | | | | | |
| Special Instructions/QAC Requirements: | | | | | | | | | | | | |
| Empty Kit Relinquished by | | | | | | | | | | | | |
| Relinquished by _____ Date/Time: _____ Company: _____ | | | | | | | | | | | | |
| Relinquished by _____ Date/Time: _____ Company: _____ | | | | | | | | | | | | |
| Relinquished by _____ Date/Time: _____ Company: _____ | | | | | | | | | | | | |
| Custody Seals Intact: _____ Custody Seal No _____ | | | | | | | | | | | | |
| Cooler Temperature(s) °C and Other Remarks: | | | | | | | | | | | | |

Login Sample Receipt Checklist

Client: WSP USA Inc.

Job Number: 890-554-1

SDG Number: Eddy County NM

Login Number: 554

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: 890-554-1

SDG Number: Eddy County NM

Login Number: 554

List Number: 2

Creator: Copeland, Tatiana

List Source: Eurofins Midland

List Creation: 04/23/21 11:08 AM

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

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 30142

CONDITIONS

| | |
|---|---|
| Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707 | OGRID: 5380 |
| | Action Number: 30142 |
| | Action Type: [C-141] Release Corrective Action (C-141) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|----------------------------|----------------|
| jnobui | Deferral Request Approved. | 6/28/2022 |