

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

State of New Mexico
Energy Minerals and Natural
Resources Department

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

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

Incident ID	nAPP2114755987
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Enduring Resources LLC	OGRID 372286
Contact Name Jim Mars	Contact Telephone (505)947-2460
Contact email jmars@enduringresources.com	Incident # (assigned by OCD) nAPP2114755987
Contact mailing address 200 Energy Court	Farmington, NM 87401

Location of Release Source

Latitude **36.20940** Longitude **-107.62516**
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Chaco 2308 24I 155H	Site Type Well site
Date Release Discovered 5/24/2021	API# (if applicable) 30-045-35551

Unit Letter	Section	Township	Range	County
I	24	23 N	8 W	San Juan

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

Nature and Volume of Release

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

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) unknown	Volume Recovered (bbls) 0
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 328	Volume Recovered (bbls) 0
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No unknown samples are being taken
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release **Suspected leak in the water dump line to produced water tank under the containment liner.**

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Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? Quantity of the release.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Notifications were provided to BLM and NMOCD via email on 5/25/21.	

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why: Currently in the process of cleaning up spilled materials and contaminated soil under the containment liner.	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>Jim Mars</u>	Title: <u>HSE</u>
Signature: <u>Jim Mars</u>	Date: <u>5/25/2021</u>
email: <u>Jmars@enduringresources.com</u>	Telephone: <u>(505) 947-2460</u>
<u>OCD Only</u>	
Received by: <u>Ramona Marcus</u>	Date: <u>5/28/2021</u>

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Site Assessment/Characterization

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

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

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

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

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

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2114755987
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If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

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: Heather Huntington Title: Permitting Technician

Signature:  Date: 8/10/2021

email: hhuntington@enduringresources.com Telephone: 505-636-9751

OCD Only

Received by: _____ Date: _____

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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: Heather Huntington Title: Permitting Technician

Signature:  Date: 8/10/2021

email: hhuntington@enduringresources.com Telephone: 505-636-9751

OCD Only

Received by: Date:

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

Signature:  Date: 02/22/2022



August 3, 2021

New Mexico Energy, Minerals and Natural Resources Department
New Mexico Oil Conservation Division
1000 Rio Brazos Road
Aztec, New Mexico 87410

Subject: Deferral Request
Chaco 2308 24I #155H
San Juan County, New Mexico
NMOCD Incident Number: nAPP2114755987

To Whom It May Concern:

On behalf of Enduring Resources IV, LLC (Enduring), WSP USA Inc. (WSP) has prepared this *Deferral Request* for the Chaco 2308 24I #155H production well site (Site). The Site is located on land managed by the Bureau of Land Management (BLM) in Unit I, Section 24, Township 23 North and Range 8 West in San Juan County, New Mexico (Figure 1). This report summarizes delineation and remedial excavation activities performed by Enduring to address a release of crude oil and produced water from a corroded pipeline that impacted soil at the Site. The release was discovered on May 24, 2021 when crude oil and produced water were found seeping through the liner and into the secondary containment. After removing portions of the liner, Enduring discovered that a pipe elbow approximately 3 feet below the liner had corroded and was the source of the release. Equipment located within the secondary containment consists of nine aboveground storage tanks (ASTs), a lease automatic custody transfer (LACT) unit, several oil and gas separators, and other associated oil production equipment.

Enduring notified the New Mexico Oil Conservation Division (NMOCD) and BLM of the release within 24 hours and followed up with written *Release Notification Form C-141* to the NMOCD on May 25, 2021. Based on data from tank-level measurements in Water Tank #6, Enduring estimated that 328 barrels (bbls) of produced water were released. The volume of crude released at the Site is unknown. None of the released fluids were recovered, however, the fluids appear to have remained within the footprint of the secondary containment. Saturated soil/sediment located underneath the liner within the secondary containment was subsequently removed between May 25, 2021 and June 10, 2021. In total, approximately 170 cubic yards of impacted soil was removed and disposed at a permitted off-Site facility. The NMOCD has assigned Incident Number nAPP2114755987 to the Site.

SITE CHARACTERIZATION

The Site is located on BLM managed land in rural San Juan County, New Mexico (Figure 1). The Site is approximately 8 miles west of Counselor, New Mexico, south of New Mexico State Route 550. As part of the site investigation, local geology/hydrogeology and nearby sensitive receptors were accessed in accordance with 19.15.29.11 of the New Mexico Administrative Code (NMAC). This information is further discussed below.

GEOLOGY AND HYDROGEOLOGY

Based on United States Geological Survey (USGS) geologic mapping, the Site is located within the Tertiary San Jose Formation. In the report titled "Hydrogeology and Water Resources of San Juan Basin, New Mexico" (Stone, Lyford, Frenzel, Mizell, & Padgett, 1983), the San Jose Formation is characterized by various lithologies including course-grained arkose, mudstones, and lenses of claystone, siltstone, and poorly consolidated sandstone. This formation ranges in thickness from 200 to 2,700 feet. The San Jose Formation is the youngest Tertiary bedrock unit in the San Juan Basin and is underlain by the Nacimiento Formation. The Site is also located at the northern edge of Hutton Canyon. The Site is located in gently rolling terrain and generally slopes northwest towards Bettonie Tsotsie Wash.

WSP USA
848 EAST 2ND AVENUE
DURANGO CO 81301

Tel.: 970-385-1096
wsp.com



SITE CHARACTERIZATION

Assessment of potential nearby receptors was conducted through desktop reviews of topographic maps, Federal Emergency Management Administration (FEMA) Geographic Information System (GIS) maps, United States Geological Survey (USGS) GIS maps, New Mexico Office of the State Engineer database, and aerial photographs, as well as site-specific observations.

Test pits advanced at the Site indicate groundwater is not present at depths up to 16 feet below ground surface (bgs). However, Betonnie Tsotsie Wash is located 220 feet to the north of the Site and is considered a “significant watercourse” as defined in 19.15.17.7 NMAC. The nearest groundwater well with depth-to-water information is New Mexico Office of State Engineer (NMOSE) well SJ-03978. This well is located approximately 2.7 miles northwest of the Site and has a depth-to-water of 260 feet bgs (collected in 2011). In addition, the data sheet for a cathodic protection well submitted for the Site in 2015 indicated that water was encountered at a depth of 160 feet bgs. Based on the cathodic protection well data, groundwater at the Site is estimated to be greater than 100 feet bgs.

The Site is greater than 200 feet from any lakebed, sinkhole, or playa lake, and greater than 300 feet from any wetland (Figures 2 and 3). Surface land use surrounding the Site consists primarily of oil and gas development and livestock grazing. No occupied permanent residence or structures, including schools, hospitals, institutions, and/or churches, are located within 300 feet of the Site. The Site is not within the area of a subsurface mine or unstable area and is not within the 100-year floodplain.

SITE CLOSURE CRITERIA

WSP has characterized the Site according to *Table 1, Closure Criteria for Soils Impacted by a Release* of 19.15.29.12 NMAC. Due to the Site’s proximity to Betonnie Tsotsie Wash, the following NMOCD Table 1 Closure Criteria apply: 10 milligrams per kilogram (mg/kg) benzene; 50 mg/kg total benzene, toluene, ethylbenzene, and total xylenes (BTEX); 100 mg/kg total petroleum hydrocarbons (TPH); and 600 mg/kg chloride.

SITE INVESTIGATION AND EXCAVATION ACTIVITIES

After discovery of the release, Enduring and WSP conducted delineation activities at the Site. In total, Enduring advanced 12 soil borings at the Site using a hand auger to depth up to 6 feet bgs (SB1 to SB12 shown on Figure 4). Additionally, WSP with Halo Services, Inc. (Halo) advanced five test pits at the Site to complete the vertical and lateral delineation. Concurrent to the delineation activities, Enduring removed the liner within accessible areas of the secondary containment and began removing saturated and visually impacted soils from the Site. These activities are further discussed below.

INITIAL SITE CHARACTERIZATION SAMPLING AND REMEDIAL EXCAVATION

On May 26 and May 27, 2021, Enduring advanced 12 borings at the Site using a hand auger. Soil samples were collected and submitted to Envirotech’s analytical laboratory for analysis of chloride by EPA Method 300.0, TPH by Method 8015D, and BTEX by Method 8021B. Sample results indicated that TPH and chloride were present in soil above the NMOCD Table 1 Closure Criteria in borings SB1, SB3, SB5, SB6, SB7, and SB8. Laboratory results from this sampling are presented in Table 1 with laboratory analytical reports included in Enclosure A.

Based on the initial delineation efforts, Enduring and Halo began excavating saturated and impacted soil (based on soil staining and petroleum odors) within the secondary containment. Because of the location of the ASTs and other production equipment, hand tools were used to excavate impacted soil at the Site. Soil was removed from the Site up to depths of 3.5 feet bgs. The Site was then divided into nine sections (measuring 150 to 200 square feet) for confirmation soil sampling and Enduring collected 5-point composite soil samples from the floor of each section and two sidewall samples from the excavation (shown on Figure 5). Initial results indicated that chloride was present in all samples at concentrations above the NMOCD Table 1 Closure Criteria of 600 mg/kg. In addition, TPH concentrations in Sections 1, 2, 3, and 5 were also above the NMOCD Table 1 Closure Criteria. Because of the presence of TPH, additional soil was removed from these four sections and 5-point composite samples were re-collected. Analytical results from the composite sampling are summarized in Table 2, with laboratory analytical reports also included in Enclosure A.

Based on the excavation sampling results, all soil impacted by TPH and BTEX had been removed during the excavation. However, chloride concentrations remained in the soil at the Site above the NMOCD Table 1 Closure Criteria. Because of the location of ASTs and other active production equipment at the Site in the area of the release, additional soil was not removed.



TEST PIT SAMPLING AND FINAL DELINEATION

Because chloride impacts remained in soil at the base and sidewalls of the interim remedial excavation, additional characterization activities were performed to fully delineate the lateral and vertical extent of chloride impacts at the Site. Specifically, test pits were advanced by Halo using an excavator in order to field screen and sample soils at the Site. Soil lithology was logged by a WSP geologist and described based on the Unified Soil Classification System (USCS) as specified in American Society for Testing and Materials (ASTM) D2488. Soil also was inspected for visual staining and the presence or absence of petroleum odor. The soil was characterized by visually inspecting the soil samples and field screening the soil headspace using a photoionization detector (PID) to monitor for the presence of organic vapors. Hach® chloride QuanTab® test strips were also used to field screen for chloride concentrations in soil.

In total, five test pits were advanced, beginning with the location labeled “Hole” approximately 5 feet west of the release source. Field screening indicated that chloride concentrations exceeding 600 mg/kg were likely present to a maximum depth of approximately 15 feet bgs. Soil samples were collected and submitted for laboratory analysis at depths of 8, 12.5 and 16 feet, with results confirming that chloride concentrations decreased to below NMOCD Table 1 Closure Criteria between 12.5 and 16 feet bgs. Based on these results, four additional test pits (TP1 through TP4) were advanced to 16 feet bgs to the north, south, east, and west of the secondary containment. Test pits were field screened every 4 feet using a PID and chloride test strips. Two sample were collected from each test pit; one sample from the interval with the highest field-screening reading and one sample from the terminus of each test pit.

During sampling there were no field indications that petroleum hydrocarbons or chloride were present at elevated concentrations in the delineation test pits. Samples were submitted the Envirotech Analytical Laboratory for analysis of chloride, TPH, and BTEX. Analytical results from the delineation test pits indicate that chloride, TPH, and BTEX concentrations were either not detected or were below the NMOCD Table 1 Closure Criteria. With these results, the impacted soil has been successfully delineated at the Site.

Test pit sample results are also summarized in Table 1, with laboratory analytical reports included in Enclosure A. The attached Photographic Log includes photographs taken during characterization activities.

CONCLUSIONS AND DEFERRAL REQUEST

A total of 170 cubic yards of soil impacted by petroleum hydrocarbons and produced water were excavated from the Site in response to the release on May 25, 2021. Petroleum hydrocarbon impacted soil was successfully removed during the excavation, with confirmation soil sample results indicating that TPH and BTEX were either not detected or below NMOCD Table 1 Closure Criteria in samples collected from the excavation sidewalls and floor. However, chloride-impacted soil remains at the Site in locations within the secondary containment and around/underneath ASTs and other active production equipment. Due to safety concerns, and for the protection of Site infrastructure, additional soil cannot be removed at this time.

Based on these results, Enduring and WSP advanced hand auger borings and test pits to fully delineate the lateral and vertical extent of chloride in soil at the Site. Based on soil sample results, the impacted surface area measures approximately 4,970 square feet and depth of impacts range from approximately 3 to 15 feet below ground surface. Based on an average depth of impact of 9 feet bgs, an estimated 1,670 cubic yards of chloride impacted soil remains at the Site in locations within the secondary containment. Enduring requests to leave chloride impacted soil at the Site until any future major construction activities and/or final abandonment of the Site, whichever comes first. Considering the interim remedial excavation that has been performed at the Site, the depth-to-water of 160 feet bgs, and the presence of a liner overlying the impacted soil (constructed within the secondary containment), WSP and Enduring do not believe deferment will result in an imminent risk to human health, the environment, and/or groundwater. As such, Enduring requests deferral of final remediation for Incident Number nAPP2114755987.

REFERENCES

Stone, W., Lyford, F., Frenzel, P., Mizell, N., & Padgett, E. (1983). *Hydrogeology and Water Resources of San Juan Basin, New Mexico*. New Mexico Bureau of Mines & Mineral Resources.



WSP appreciates the opportunity to provide this report to you. If you have any questions or comments regarding this report, do not hesitate to contact Stuart Hyde at (970) 903-1607 or at stuart.hyde@wsp.com.

Kind regards,

A handwritten signature in black ink, appearing to read 'Stuart'.

Stuart Hyde, L.G.
Senior Geologist

A handwritten signature in black ink, appearing to read 'Ashley L. Ager'.

Ashley Ager, M.S., P.G.
Assistant Vice President, Geologist

Enclosed:

Figure 1: Site Location Map

Figure 2: Site Receptor Map

Figure 3: Proximity to Watercourse, Lakebed, Sinkhole, or Playa Lake

Figure 4: Borehole and Test Pit Locations

Figure 5: Composite Sampling Locations

Table 1: Soil Delineation Analytical Results

Table 2: Confirmation Soil Sample Analytical Results

Photographic Log

Enclosure A: Analytical Laboratory Reports

FIGURES

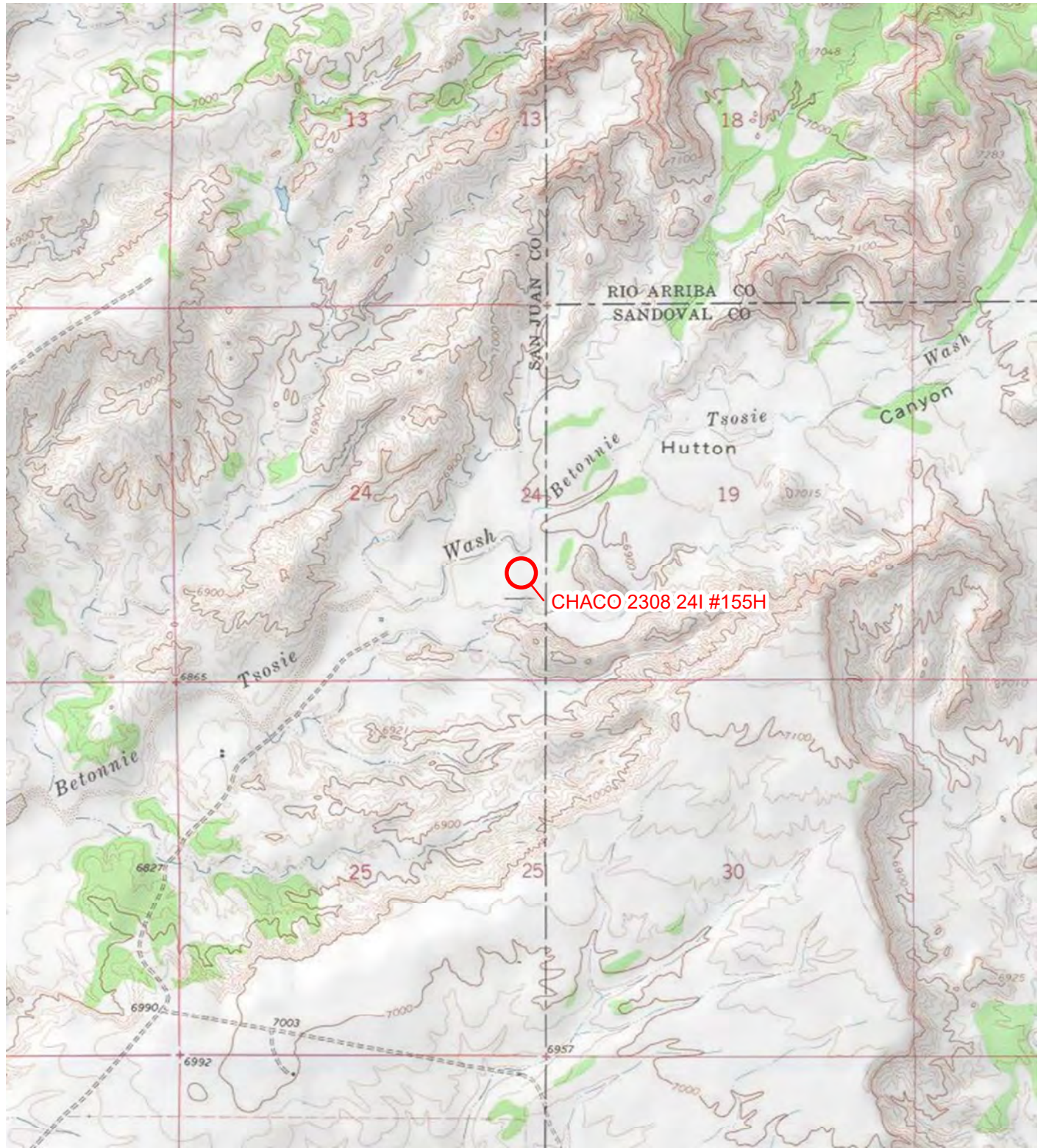


IMAGE COURTESY OF ESRI/USGS

LEGEND

 SITE LOCATION

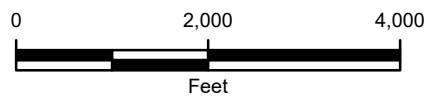
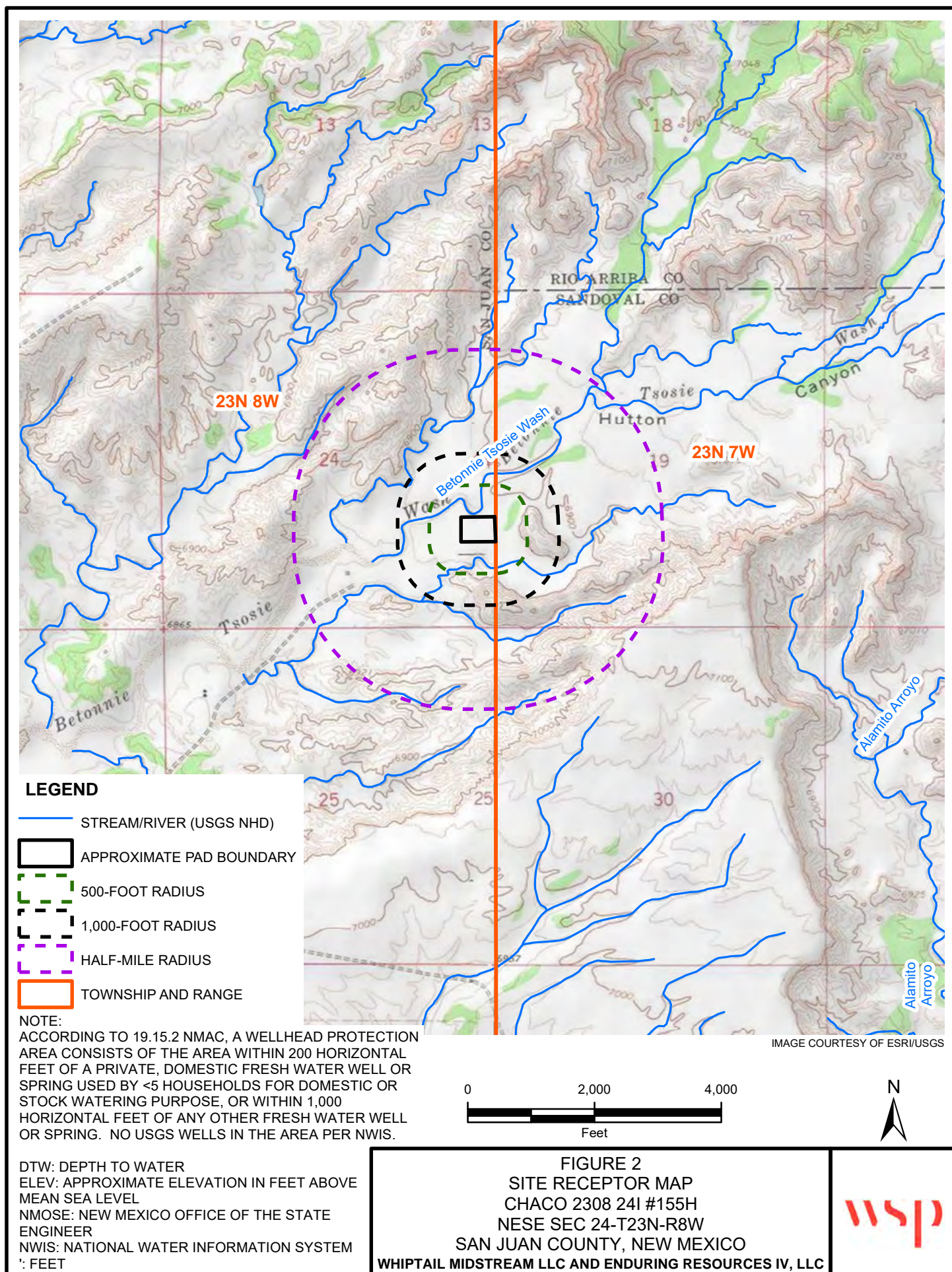
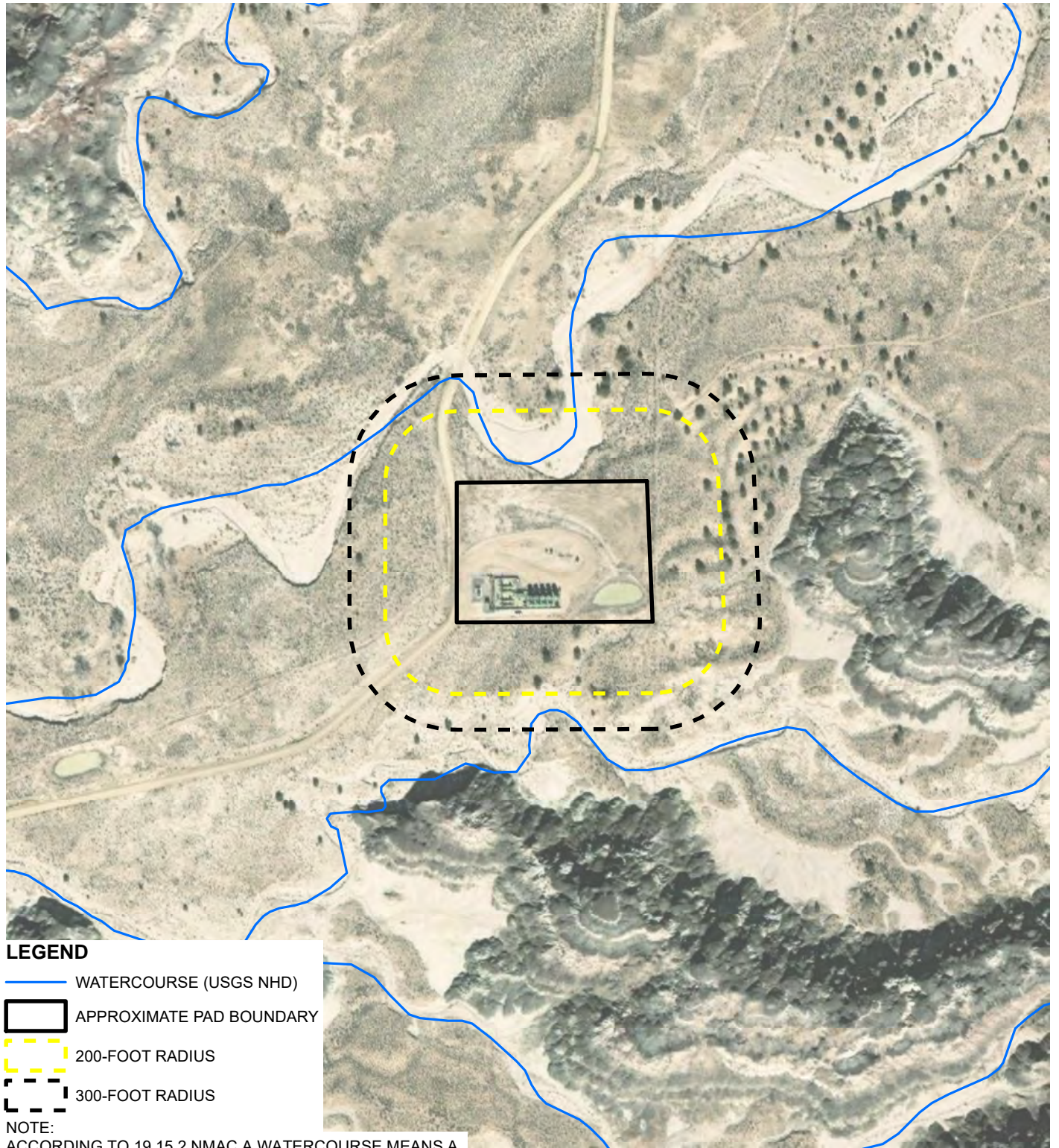


FIGURE 1
SITE LOCATION MAP
 CHACO 2308 24I #155H
 NESE SEC 24-T23N-R8W
 SAN JUAN COUNTY, NEW MEXICO
 WHIPTAIL MIDSTREAM LLC AND ENDURING RESOURCES IV, LLC





**LEGEND**

- WATERCOURSE (USGS NHD)
- APPROXIMATE PAD BOUNDARY
- 200-FOOT RADIUS
- 300-FOOT RADIUS

NOTE:

ACCORDING TO 19.15.2 NMAC A WATERCOURSE MEANS A RIVER, CREEK, ARROYO, CANYON, DRAW, OR WASH OR OTHER CHANNEL HAVING DEFINITE BANKS AND BED WITH VISIBLE EVIDENCE OF OCCASIONAL FLOW OF WATER.

THERE ARE NO SINKHOLES, LAKEBEDS OR PLAYA LAKES WITHIN THE BOUNDARIES OF THIS MAP USING MAPPED DATA FROM THE USFS NWI AND USGS.

NHD: NATIONAL HYDROGRAPHY DATASET
 NMAC: NEW MEXICO ADMINISTRATIVE CODE
 NM OSE: NEW MEXICO OFFICE OF THE
 STATE ENGINEER
 USGS: UNITED STATES GEOLOGICAL SURVEY

IMAGE COURTESY OF ESRI

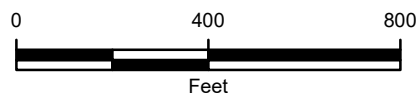


FIGURE 3
 PROXIMITY TO WATERCOURSE, LAKEBED,
 SINKHOLE, OR PLAYA LAKE
 CHACO 2308 24I #155H
 NESE SEC 24-T23N-R8W
 SAN JUAN COUNTY, NEW MEXICO

WHIPTAIL MIDSTREAM LLC AND ENDURING RESOURCES IV, LLC





IMAGE COURTESY OF GOOGLE EARTH 2017

LEGEND

- SOIL BORING
- APPROXIMATE EXTENT OF IMPACTED SOIL
- ▨ TESTPIT LOCATION

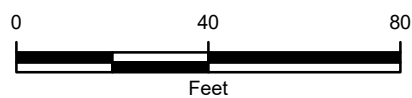


FIGURE 4
BOREHOLE AND TEST PIT LOCATIONS
 CHACO 2308 24I #155H
 NESE SEC 24-T23N-R8W
 SAN JUAN COUNTY, NEW MEXICO
 WHIPTAIL MIDSTREAM LLC AND ENDURING RESOURCES IV, LLC



C:\Users\USJG689584\OneDrive - WSP O365\Documents\31403331_000_CHACO 2308_24I_#155H\MXD\31403331_000_FIG04_CHACO2308_24I_155H_BH_TEST PITs_2021.mxd

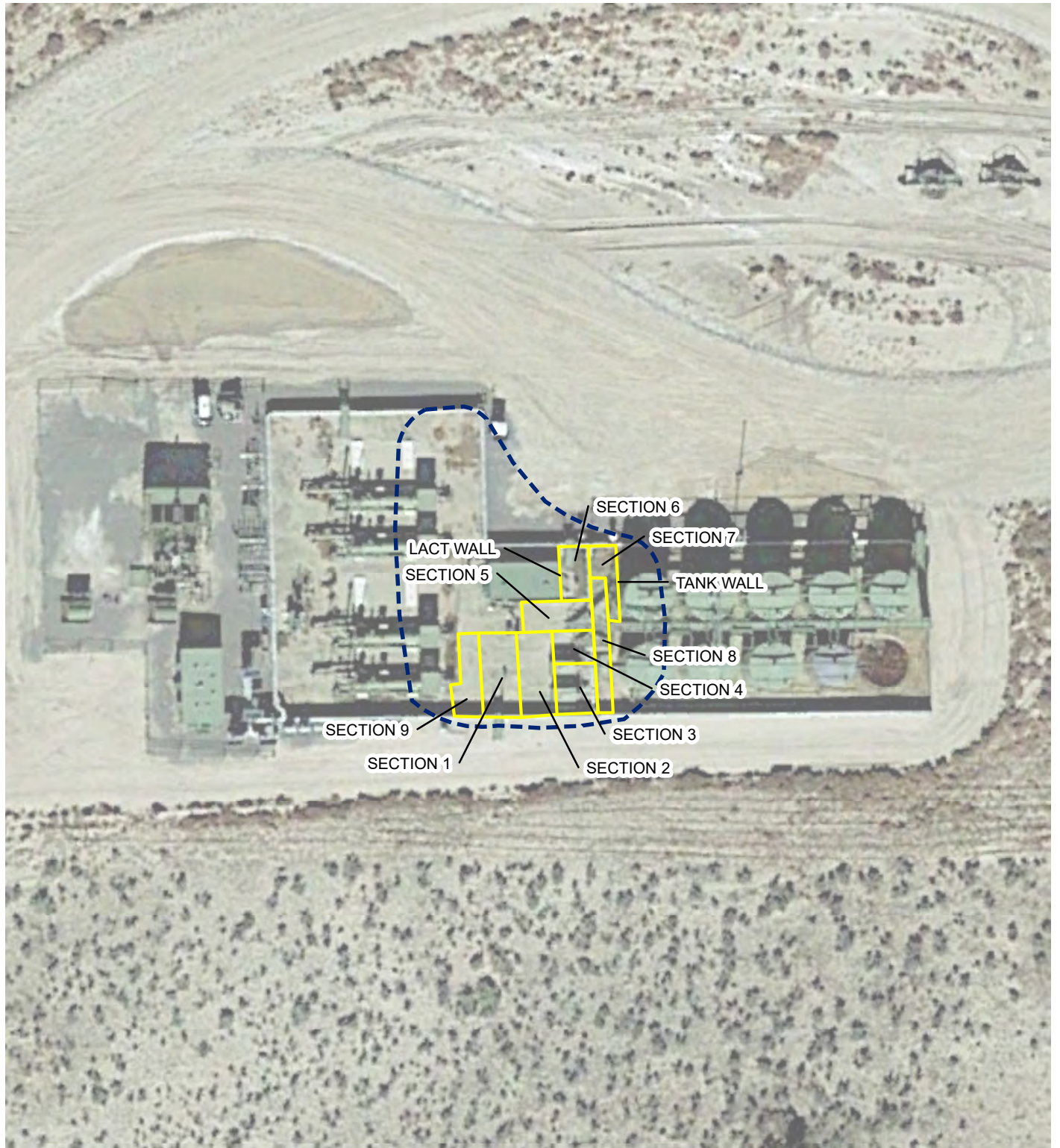


IMAGE COURTESY OF GOOGLE EARTH 2017

LEGEND

- COMPOSITE SAMPLING BOUNDARY
- APPROXIMATE EXTENT OF IMPACTED SOIL

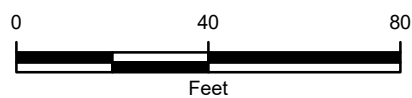


FIGURE 5
COMPOSITE SAMPLING LOCATIONS
CHACO 2308 24I #155H
NESE SEC 24-T23N-R8W
SAN JUAN COUNTY, NEW MEXICO

WHIPTAIL MIDSTREAM LLC AND ENDURING RESOURCES IV, LLC



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TABLES

TABLE 1
SOIL DELINEATION ANALYTICAL RESULTS

CHACO 2308 24I #155H
SAN JUAN COUNTY, NEW MEXICO
ENDURING RESOURCES IV, LLC

Sample ID	Sample Date	Sample Depth (feet)	PID (ppm)	Chloride Field Test Kit (ppm)	Chloride (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	BTEX (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)	TPH-MRO (mg/kg)	TPH (mg/kg)
NMOCD Table 1 Closure Criteria (NMAC 19.15.29)			--	--	600	10	NE	NE	NE	50	NE	NE	NE	100
Enduring Soil Borings														
SB1@6"	5/26/2021	0.5	--	--	1,980	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0
SB1@3'	5/26/2021	3	--	--	1,140	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0
SB1@4'	5/27/2021	4	--	--	501	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0
SB1@6'	5/27/2021	6	--	--	440	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0
SB2@6"	5/26/2021	0.5	--	--	70.8	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0
SB2@3'	5/26/2021	3	--	--	<20.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0
SB3@6"	5/27/2021	0.5	--	--	1,840	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0
SB3@3'	5/26/2021	3	--	--	77.2	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0
SB4@6"	5/27/2021	0.5	--	--	<20.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0
SB4@3'	5/26/2021	3	--	--	<20.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0
SB5@3'	5/26/2021	3	--	--	2,570	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	36.8	<50.0	36.8
SB6@3'	5/26/2021	3	--	--	2,200	0.130	0.899	0.545	3.53	5.10	81.3	1,410	575	2,066
SB7@3'	5/26/2021	3	--	--	2,420	0.283	1.69	0.916	5.80	8.69	96	2,310	997	3,403
SB8@3'	5/26/2021	3	--	--	2,410	0.0738	0.157	0.283	0.251	0.765	22	144	72.7	238
SB9@1'	5/27/2021	1	--	--	23.7	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0
SB9@4'	5/27/2021	4	--	--	<20.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0
SB10@1'	5/27/2021	1	--	--	<20.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0
SB10@4'	5/27/2021	4	--	--	<20.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0
SB11@1'	5/27/2021	1	--	--	<20.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0
SB11@4'	5/27/2021	4	--	--	<20.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0
SB12@1'	5/27/2021	1	--	--	<20.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0
SB12@4'	5/27/2021	4	--	--	<20.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0
WSP Test Pit Sampling														
Hole	6/7/2021	8	--	--	3,300	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0
Hole@11'	6/22/2021	11	--	1,300	--	--	--	--	--	--	--	--	--	--
Hole@12.5'	6/22/2021	12.5	--	822	1,030	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0
Hole@14'	6/24/2021	14	48.2	942	--	--	--	--	--	--	--	--	--	--
Hole@16'	6/24/2021	16	123.2	90	63.7	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0
TP1@4'	6/24/2021	4	65.6	<64	--	--	--	--	--	--	--	--	--	--
TP1@8'	6/24/2021	8	48.7	<64	23.2	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0
TP1@12'	6/24/2021	12	64.8	<64	--	--	--	--	--	--	--	--	--	--
TP1@16'	6/24/2021	16	123.2	<64	<40.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0
TP2@4'	6/24/2021	4	6.6	<64	--	--	--	--	--	--	--	--	--	--
TP2@8'	6/24/2021	8	9.4	<64	--	--	--	--	--	--	--	--	--	--
TP2@12'	6/24/2021	12	10.0	<64	41.5	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0
TP2@16'	6/24/2021	16	8.2	<64	<20.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0
TP3@4'	6/24/2021	4	13.5	<64	--	--	--	--	--	--	--	--	--	--
TP3@8'	6/24/2021	8	28.0	<64	<20.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0
TP3@12'	6/24/2021	12	26.1	<64	--	--	--	--	--	--	--	--	--	--
TP3@16'	6/24/2021	16	22.5	<64	<20.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0
TP4@4'	6/24/2021	4	4.4	<64	--	--	--	--	--	--	--	--	--	--
TP4@8'	6/24/2021	8	4.3	<64	--	--	--	--	--	--	--	--	--	--
TP4@12'	6/24/2021	12	6.9	<64	<20.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0
TP4@16'	6/24/2021	16	6.4	<64	<20.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0

Notes:
mg/kg - milligrams per kilograms
BTEX - sum of benzene, toluene, ethylbenzene, and xylene concentrations
DRO - diesel range organics
GRO - gasoline range organics
MRO - motor oil range organics
PID - photoionization detector
ppm - parts per million
TPH- total petroleum hydrocarbons
-- - sample not analyzed, field screening only
< indicates result is less than the stated laboratory method practical quantitation limit
BOLD indicates results exceed NMOCD Table 1 closure criteria

**TABLE 2
COMPOSITE SOIL SAMPLE ANALYTICAL RESULTS**

**CHACO 2308 24I #155H
SAN JUAN COUNTY, NEW MEXICO
ENDURING RESOURCES IV, LLC**

Sample ID	Sample Date	Sample Depth (feet)	Chloride (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	BTEX (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)	TPH-ORO (mg/kg)	TPH (mg/kg)
NMOCD Table 1 Closure Criteria (NMAC 19.15.29)			600	10	NE	NE	NE	50	NE	NE	NE	100
Excavation Floor Sample Locations												
Section 1*	6/7/2021	--	1,020	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	544	252	796
Section 1	6/10/2021	3.5	1,220	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0
Section 2*	6/7/2021	--	1,540	<0.0250	<0.0250	<0.0250	0.0572	0.0572	<20.0	309	157	466
Section 2	6/10/2021	3.5	964	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0
Section 3*	6/7/2021	--	2,070	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	307	188	495
Section 3	6/10/2021	3.5	956	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0
Section 4	6/7/2021	3.5	2,240	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0
Section 5*	6/7/2021	--	3,670	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	207	111	318
Section 5	6/10/2021	3.5	1,250	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0
Section 6	6/7/2021	3.5	10,200	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	32.6	<50.0	32.6
Section 7	6/7/2021	3.5	1,560	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0
Section 8	6/7/2021	0.5	1,870	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0
Section 9	6/10/2021	0.5	1,330	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0
Excavation Sidewall Sample Locations												
Lact Skid Wall	6/7/2021	1 - 3	4,750	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0
Tank Wall	6/7/2021	0 - 0.5	6,630	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0

Notes:

mg/kg - milligrams per kilograms

BTEX - sum of benzene, toluene, ethylbenzene, and xylene concentrations

DRO - diesel range organics

GRO - gasoline range organics

MRO - motor oil range organics

TPH- total petroleum hydrocarbons

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

BOLD indicates results exceed NMOCD Table 1 Closure Criteria


* - Asterisk indicates areas where soil was subsequently removed this location and resampled

PHOTOGRAPHIC LOG



PHOTOGRAPHIC LOG		
ENDURING RESOURCES IV, LLC	CHACO 2308 24I #155H SAN JUAN COUNTY, NEW MEXICO	NMOCD INCIDENT NO. NAPP2114755987

Photo No.	Date	
1	6/24/2021	
“Hole” test pit, looking northeast. The release source is the pipe elbow just to the right of the excavator bucket.		 A yellow CAT excavator is shown digging a large, deep test pit in a sandy, industrial area. The excavator's bucket is positioned at the edge of the pit. In the background, there are large green storage tanks and a clear blue sky.

Photo No.	Date	
2	6/24/2021	
Test pit TP1, looking east.		 A yellow CAT excavator is shown digging a large, deep test pit in a sandy, industrial area. The excavator's bucket is positioned at the edge of the pit. In the background, there are large green storage tanks and a clear blue sky.



PHOTOGRAPHIC LOG		
ENDURING RESOURCES IV, LLC	CHACO 2308 24I #155H SAN JUAN COUNTY, NEW MEXICO	NMOCD INCIDENT NO. NAPP2114755987

Photo No.	Date	
3	6/24/2021	
Test pit TP2, looking northwest.		 A photograph showing a construction site. In the foreground, a worker in a white shirt, blue jeans, and a white hard hat stands on a dirt path. To the left is a large, green, arched structure with a metal staircase. In the background, a yellow excavator is visible, and a red container sits on the dirt. The sky is clear and blue.

Photo No.	Date	
4	6/24/2021	
Test pit TP3, looking west.		 A photograph showing a construction site. In the foreground, there is a large, deep, rectangular test pit filled with dirt and rocks. In the background, there are several large, green, arched structures and a yellow excavator. The sky is blue with scattered white clouds.

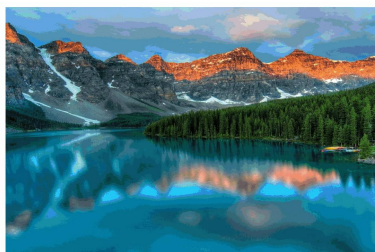


PHOTOGRAPHIC LOG		
ENDURING RESOURCES IV, LLC	CHACO 2308 24I #155H SAN JUAN COUNTY, NEW MEXICO	NMOCD INCIDENT NO. NAPP2114755987

Photo No.	Date	
5	6/24/2021	
Test pit TP4, looking southeast.		

ENCLOSURE A – LABORATORY ANALYTICAL REPORTS

Report to:
Chad Snell



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Enduring Resources, LLC

Project Name: Chaco 2308 153H

Work Order: E105046

Job Number: 17065-0017

Received: 5/26/2021

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/27/21

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
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Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 5/27/21

Chad Snell
511 16th Street, Suite 700
Denver, CO 80202



Project Name: Chaco 2308 153H
Workorder: E105046
Date Received: 5/26/2021 8:30:00AM

Chad Snell,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/26/2021 8:30:00AM, under the Project Name: Chaco 2308 153H.

The analytical test results summarized in this report with the Project Name: Chaco 2308 153H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Office:

Lynn Estes
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
lestes@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: Chaco 2308 153H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
05/27/21 16:55

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SB 1 @ 6"	E105046-01A	Soil	05/25/21	05/26/21	Glass Jar, 4 oz.
SB 1 @ 3'	E105046-02A	Soil	05/25/21	05/26/21	Glass Jar, 4 oz.
SB 2 @ 6"	E105046-03A	Soil	05/25/21	05/26/21	Glass Jar, 4 oz.
SB 2 @ 3'	E105046-04A	Soil	05/25/21	05/26/21	Glass Jar, 4 oz.
SB 3 @ 3'	E105046-05A	Soil	05/25/21	05/26/21	Glass Jar, 4 oz.
SB 4 @ 3'	E105046-06A	Soil	05/25/21	05/26/21	Glass Jar, 4 oz.



Sample Data

Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: Chaco 2308 153H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
5/27/2021 4:55:16PM

SB 1 @ 6"

E105046-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2122010	
Benzene	ND	0.0250	1	05/26/21	05/26/21	
Ethylbenzene	ND	0.0250	1	05/26/21	05/26/21	
Toluene	ND	0.0250	1	05/26/21	05/26/21	
o-Xylene	ND	0.0250	1	05/26/21	05/26/21	
p,m-Xylene	ND	0.0500	1	05/26/21	05/26/21	
Total Xylenes	ND	0.0250	1	05/26/21	05/26/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.9 %	70-130		05/26/21	05/26/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2122010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/21	05/26/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.9 %	70-130		05/26/21	05/26/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2122009	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/21	05/26/21	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/21	05/26/21	
<i>Surrogate: n-Nonane</i>						
	91.8 %	50-200		05/26/21	05/26/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2122012	
Chloride	1980	20.0	1	05/26/21	05/26/21	



Sample Data

Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: Chaco 2308 153H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
5/27/2021 4:55:16PM

SB 1 @ 3'

E105046-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2122010	
Benzene	ND	0.0250	1	05/26/21	05/26/21	
Ethylbenzene	ND	0.0250	1	05/26/21	05/26/21	
Toluene	ND	0.0250	1	05/26/21	05/26/21	
o-Xylene	ND	0.0250	1	05/26/21	05/26/21	
p,m-Xylene	ND	0.0500	1	05/26/21	05/26/21	
Total Xylenes	ND	0.0250	1	05/26/21	05/26/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.1 %	70-130		05/26/21	05/26/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2122010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/21	05/26/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.1 %	70-130		05/26/21	05/26/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2122009	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/21	05/26/21	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/21	05/26/21	
<i>Surrogate: n-Nonane</i>						
	87.1 %	50-200		05/26/21	05/26/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2122012	
Chloride	1140	20.0	1	05/26/21	05/26/21	



Sample Data

Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: Chaco 2308 153H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
5/27/2021 4:55:16PM

SB 2 @ 6"

E105046-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2122010	
Benzene	ND	0.0250	1	05/26/21	05/26/21	
Ethylbenzene	ND	0.0250	1	05/26/21	05/26/21	
Toluene	ND	0.0250	1	05/26/21	05/26/21	
o-Xylene	ND	0.0250	1	05/26/21	05/26/21	
p,m-Xylene	ND	0.0500	1	05/26/21	05/26/21	
Total Xylenes	ND	0.0250	1	05/26/21	05/26/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.8 %	70-130		05/26/21	05/26/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2122010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/21	05/26/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	85.0 %	70-130		05/26/21	05/26/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2122009	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/21	05/26/21	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/21	05/26/21	
<i>Surrogate: n-Nonane</i>						
	94.2 %	50-200		05/26/21	05/26/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2122012	
Chloride	70.8	20.0	1	05/26/21	05/26/21	



Sample Data

Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: Chaco 2308 153H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
5/27/2021 4:55:16PM

SB 2 @ 3'

E105046-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2122010	
Benzene	ND	0.0250	1	05/26/21	05/26/21	
Ethylbenzene	ND	0.0250	1	05/26/21	05/26/21	
Toluene	ND	0.0250	1	05/26/21	05/26/21	
o-Xylene	ND	0.0250	1	05/26/21	05/26/21	
p,m-Xylene	ND	0.0500	1	05/26/21	05/26/21	
Total Xylenes	ND	0.0250	1	05/26/21	05/26/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.1 %	70-130		05/26/21	05/26/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2122010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/21	05/26/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.5 %	70-130		05/26/21	05/26/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2122009	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/21	05/26/21	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/21	05/26/21	
<i>Surrogate: n-Nonane</i>						
	91.2 %	50-200		05/26/21	05/26/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2122012	
Chloride	ND	20.0	1	05/26/21	05/26/21	



Sample Data

Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: Chaco 2308 153H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
5/27/2021 4:55:16PM

SB 3 @ 3'

E105046-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2122010	
Benzene	ND	0.0250	1	05/26/21	05/26/21	
Ethylbenzene	ND	0.0250	1	05/26/21	05/26/21	
Toluene	ND	0.0250	1	05/26/21	05/26/21	
o-Xylene	ND	0.0250	1	05/26/21	05/26/21	
p,m-Xylene	ND	0.0500	1	05/26/21	05/26/21	
Total Xylenes	ND	0.0250	1	05/26/21	05/26/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.1 %	70-130		05/26/21	05/26/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2122010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/21	05/26/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.4 %	70-130		05/26/21	05/26/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2122009	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/21	05/26/21	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/21	05/26/21	
<i>Surrogate: n-Nonane</i>						
	85.2 %	50-200		05/26/21	05/26/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2122012	
Chloride	77.2	20.0	1	05/26/21	05/26/21	



Sample Data

Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: Chaco 2308 153H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
5/27/2021 4:55:16PM

SB 4 @ 3'

E105046-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2122010	
Benzene	ND	0.0250	1	05/26/21	05/26/21	
Ethylbenzene	ND	0.0250	1	05/26/21	05/26/21	
Toluene	ND	0.0250	1	05/26/21	05/26/21	
o-Xylene	ND	0.0250	1	05/26/21	05/26/21	
p,m-Xylene	ND	0.0500	1	05/26/21	05/26/21	
Total Xylenes	ND	0.0250	1	05/26/21	05/26/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.5 %	70-130		05/26/21	05/26/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2122010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/21	05/26/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	86.0 %	70-130		05/26/21	05/26/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2122009	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/21	05/26/21	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/21	05/26/21	
<i>Surrogate: n-Nonane</i>						
	94.3 %	50-200		05/26/21	05/26/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2122012	
Chloride	ND	20.0	1	05/26/21	05/26/21	



QC Summary Data

Enduring Resources, LLC 511 16th Street, Suite 700 Denver CO, 80202	Project Name: Chaco 2308 153H Project Number: 17065-0017 Project Manager: Chad Snell	Reported: 5/27/2021 4:55:16PM
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Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2122010-BLK1)

Prepared: 05/26/21 Analyzed: 05/26/21

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.88		8.00		98.5	70-130			

LCS (2122010-BS1)

Prepared: 05/26/21 Analyzed: 05/26/21

Benzene	4.92	0.0250	5.00		98.4	70-130			
Ethylbenzene	5.09	0.0250	5.00		102	70-130			
Toluene	5.20	0.0250	5.00		104	70-130			
o-Xylene	5.01	0.0250	5.00		100	70-130			
p,m-Xylene	10.3	0.0500	10.0		103	70-130			
Total Xylenes	15.3	0.0250	15.0		102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.00		8.00		100	70-130			

Matrix Spike (2122010-MS1)

Source: E105046-01 Prepared: 05/26/21 Analyzed: 05/26/21

Benzene	4.85	0.0250	5.00	ND	97.0	54-133			
Ethylbenzene	5.03	0.0250	5.00	ND	101	61-133			
Toluene	5.14	0.0250	5.00	ND	103	61-130			
o-Xylene	4.95	0.0250	5.00	ND	98.9	63-131			
p,m-Xylene	10.2	0.0500	10.0	ND	102	63-131			
Total Xylenes	15.1	0.0250	15.0	ND	101	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.02		8.00		100	70-130			

Matrix Spike Dup (2122010-MSD1)

Source: E105046-01 Prepared: 05/26/21 Analyzed: 05/26/21

Benzene	4.79	0.0250	5.00	ND	95.8	54-133	1.20	20	
Ethylbenzene	4.96	0.0250	5.00	ND	99.3	61-133	1.28	20	
Toluene	5.07	0.0250	5.00	ND	101	61-130	1.47	20	
o-Xylene	4.90	0.0250	5.00	ND	98.1	63-131	0.870	20	
p,m-Xylene	10.1	0.0500	10.0	ND	101	63-131	1.29	20	
Total Xylenes	15.0	0.0250	15.0	ND	99.8	63-131	1.15	20	
Surrogate: 4-Bromochlorobenzene-PID	8.10		8.00		101	70-130			



QC Summary Data

Enduring Resources, LLC 511 16th Street, Suite 700 Denver CO, 80202	Project Name: Chaco 2308 153H Project Number: 17065-0017 Project Manager: Chad Snell	Reported: 5/27/2021 4:55:16PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2122010-BLK1)

Prepared: 05/26/21 Analyzed: 05/26/21

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.84		8.00		85.4	70-130			

LCS (2122010-BS2)

Prepared: 05/26/21 Analyzed: 05/26/21

Gasoline Range Organics (C6-C10)	45.7	20.0	50.0		91.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.92		8.00		86.5	70-130			

Matrix Spike (2122010-MS2)

Source: E105046-01 Prepared: 05/26/21 Analyzed: 05/26/21

Gasoline Range Organics (C6-C10)	46.4	20.0	50.0	ND	92.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.86		8.00		85.7	70-130			

Matrix Spike Dup (2122010-MSD2)

Source: E105046-01 Prepared: 05/26/21 Analyzed: 05/26/21

Gasoline Range Organics (C6-C10)	46.6	20.0	50.0	ND	93.2	70-130	0.477	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.92		8.00		86.4	70-130			



QC Summary Data

Enduring Resources, LLC 511 16th Street, Suite 700 Denver CO, 80202	Project Name: Chaco 2308 153H Project Number: 17065-0017 Project Manager: Chad Snell	Reported: 5/27/2021 4:55:16PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2122009-BLK1)

Prepared: 05/26/21 Analyzed: 05/26/21

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	45.0		50.0		90.0	50-200			

LCS (2122009-BS1)

Prepared: 05/26/21 Analyzed: 05/26/21

Diesel Range Organics (C10-C28)	505	25.0	500		101	38-132			
Surrogate: n-Nonane	45.9		50.0		91.8	50-200			

Matrix Spike (2122009-MS1)

Source: E105046-03 Prepared: 05/26/21 Analyzed: 05/26/21

Diesel Range Organics (C10-C28)	508	25.0	500	ND	102	38-132			
Surrogate: n-Nonane	46.1		50.0		92.2	50-200			

Matrix Spike Dup (2122009-MSD1)

Source: E105046-03 Prepared: 05/26/21 Analyzed: 05/26/21

Diesel Range Organics (C10-C28)	513	25.0	500	ND	103	38-132	0.994	20	
Surrogate: n-Nonane	47.3		50.0		94.7	50-200			



QC Summary Data

Enduring Resources, LLC 511 16th Street, Suite 700 Denver CO, 80202	Project Name: Chaco 2308 153H Project Number: 17065-0017 Project Manager: Chad Snell	Reported: 5/27/2021 4:55:16PM
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Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2122012-BLK1)

Prepared: 05/26/21 Analyzed: 05/26/21

Chloride ND 20.0

LCS (2122012-BS1)

Prepared: 05/26/21 Analyzed: 05/26/21

Chloride 251 20.0 250 100 90-110

Matrix Spike (2122012-MS1)

Source: E105046-01 Prepared: 05/26/21 Analyzed: 05/27/21

Chloride 2370 20.0 250 1980 152 80-120 M2

Matrix Spike Dup (2122012-MSD1)

Source: E105046-01 Prepared: 05/26/21 Analyzed: 05/27/21

Chloride 2240 20.0 250 1980 101 80-120 5.57 20

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Enduring Resources, LLC	Project Name:	Chaco 2308 153H	
511 16th Street, Suite 700	Project Number:	17065-0017	Reported:
Denver CO, 80202	Project Manager:	Chad Snell	05/27/21 16:55

- M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Project Information

Chain of Custody

Page 1 of 1

Client: <u>Enduring Resources</u>					Bill To					Lab Use Only					TAT				EPA Program											
Project: <u>Checo 2308 153H</u>					Attention:					Lab WO#					Job Number				1D	2D	3D	Standard	CWA	SDWA						
Project Manager: <u>Chad Snell</u>					Address:					<u>E105046</u>					<u>170105007</u>				<input checked="" type="checkbox"/>											
Address: <u>200 Energy Court</u>					City, State, Zip					Analysis and Method																				RCRA
City, State, Zip: <u>Farmington, NM</u>					Phone:					DRO/DRO by 8015	GRO/DRO by 8015	BTX by 8021	VOC by 8260	Metals 6010	Chloride 300.0								State							
Email: <u>CSnell@enduringresources.com</u>					Email:																		NM	CO	UT	AZ	TX			
Report due by:																							Remarks							
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number																									
2:00pm	5-25-21	S	1	SB 1 @ 6"	1	X	X	X				X																		
2:10pm			1	SB 1 @ 3'	2	X	X	X				X																		
2:20pm			1	SB 2 @ 6"	3	X	X	X				X																		
2:30pm			1	SB 2 @ 3'	4	X	X	X				X																		
2:40pm			1	SB 3 @ 3'	5	X	X	X				X																		
2:50pm			1	SB 4 @ 3'	6	X	X	X				X																		
Additional Instructions:																														
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.												Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.																		
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Lab Use Only																		
<u>[Signature]</u>		5-26-21		8:30am		<u>[Signature]</u>		5-26-21		08:30		Received on ice: Y / <u>N</u>																		
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		T1 <u>10.1</u> T2 <u>11.6</u> T3 <u>10.4</u>																		
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		AVG Temp °C <u>10.7</u>																		
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other												Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																		
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																														

Page 16 of 17

Envirotech Analytical Laboratory

Printed: 5/26/2021 8:55:47AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Enduring Resources, LLC	Date Received:	05/26/21 08:30	Work Order ID:	E105046
Phone:	(505) 636-9729	Date Logged In:	05/26/21 08:49	Logged In By:	Alexa Michaels
Email:	csnell@EnduringResources.com	Due Date:	05/27/21 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold times are not included in this discussion.

Carrier: Chad SnellComments/ResolutionSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? No
8. If yes, was cooler received in good condition? NA
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temperature is 4°C, i.e., 6°±2°C? No

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 10.7°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:

Sample ID?	Yes
Date/Time Collected?	Yes
Collectors name?	No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

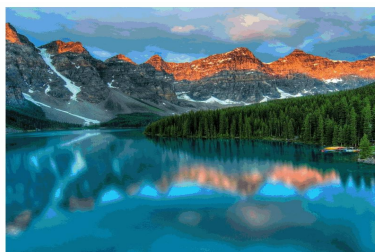
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Chad Snell



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Enduring Resources, LLC

Project Name: Chaco 155H

Work Order: E105054

Job Number: 17065-0017

Received: 5/27/2021

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/1/21

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 6/1/21

Chad Snell
511 16th Street, Suite 700
Denver, CO 80202



Project Name: Chaco 155H
Workorder: E105054
Date Received: 5/27/2021 9:00:00AM

Chad Snell,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/27/2021 9:00:00AM, under the Project Name: Chaco 155H.

The analytical test results summarized in this report with the Project Name: Chaco 155H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Office:

Lynn Estes
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
lestes@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Enduring Resources, LLC 511 16th Street, Suite 700 Denver CO, 80202	Project Name: Chaco 155H Project Number: 17065-0017 Project Manager: Chad Snell	Reported: 06/01/21 10:59
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SB 5 @ 3'	E105054-01A	Soil	05/26/21	05/27/21	Glass Jar, 4 oz.
SB 6 @ 3'	E105054-02A	Soil	05/26/21	05/27/21	Glass Jar, 4 oz.
SB 7 @ 3'	E105054-03A	Soil	05/26/21	05/27/21	Glass Jar, 4 oz.
SB 8 @ 3'	E105054-04A	Soil	05/26/21	05/27/21	Glass Jar, 4 oz.



Sample Data

Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: Chaco 155H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
6/1/2021 10:59:25AM

SB 5 @ 3'

E105054-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2122018	
Benzene	ND	0.0250	1	05/27/21	05/28/21	
Ethylbenzene	ND	0.0250	1	05/27/21	05/28/21	
Toluene	ND	0.0250	1	05/27/21	05/28/21	
o-Xylene	ND	0.0250	1	05/27/21	05/28/21	
p,m-Xylene	ND	0.0500	1	05/27/21	05/28/21	
Total Xylenes	ND	0.0250	1	05/27/21	05/28/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.8 %	70-130		05/27/21	05/28/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2122018	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/21	05/28/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	101 %	70-130		05/27/21	05/28/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2122013	
Diesel Range Organics (C10-C28)	36.8	25.0	1	05/27/21	05/27/21	
Oil Range Organics (C28-C36)	ND	50.0	1	05/27/21	05/27/21	
<i>Surrogate: n-Nonane</i>						
	107 %	50-200		05/27/21	05/27/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2122017	
Chloride	2570	40.0	2	05/27/21	05/27/21	



Sample Data

Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: Chaco 155H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
6/1/2021 10:59:25AM

SB 6 @ 3'

E105054-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2122018	
Benzene	0.130	0.0250	1	05/27/21	05/28/21	
Ethylbenzene	0.545	0.0250	1	05/27/21	05/28/21	
Toluene	0.899	0.0250	1	05/27/21	05/28/21	
o-Xylene	0.957	0.0250	1	05/27/21	05/28/21	
p,m-Xylene	2.57	0.0500	1	05/27/21	05/28/21	
Total Xylenes	3.53	0.0250	1	05/27/21	05/28/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.4 %	70-130		05/27/21	05/28/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2122018	
Gasoline Range Organics (C6-C10)	81.3	20.0	1	05/27/21	05/28/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	109 %	70-130		05/27/21	05/28/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2122013	
Diesel Range Organics (C10-C28)	1410	25.0	1	05/27/21	05/27/21	
Oil Range Organics (C28-C36)	575	50.0	1	05/27/21	05/27/21	
<i>Surrogate: n-Nonane</i>						
	148 %	50-200		05/27/21	05/27/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2122017	
Chloride	2200	40.0	2	05/27/21	05/27/21	



Sample Data

Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: Chaco 155H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
6/1/2021 10:59:25AM

SB 7 @ 3'

E105054-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2122018	
Benzene	0.283	0.0250	1	05/27/21	05/28/21	
Ethylbenzene	0.916	0.0250	1	05/27/21	05/28/21	
Toluene	1.69	0.0250	1	05/27/21	05/28/21	
o-Xylene	1.55	0.0250	1	05/27/21	05/28/21	
p,m-Xylene	4.25	0.0500	1	05/27/21	05/28/21	
Total Xylenes	5.80	0.0250	1	05/27/21	05/28/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	104 %	70-130		05/27/21	05/28/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2122018	
Gasoline Range Organics (C6-C10)	96.2	20.0	1	05/27/21	05/28/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	109 %	70-130		05/27/21	05/28/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2122013	
Diesel Range Organics (C10-C28)	2310	25.0	1	05/27/21	05/27/21	
Oil Range Organics (C28-C36)	997	50.0	1	05/27/21	05/27/21	
<i>Surrogate: n-Nonane</i>						
	156 %	50-200		05/27/21	05/27/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2122017	
Chloride	2420	40.0	2	05/27/21	05/28/21	



Sample Data

Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: Chaco 155H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
6/1/2021 10:59:25AM

SB 8 @ 3'

E105054-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2122018	
Benzene	0.0738	0.0250	1	05/27/21	05/28/21	
Ethylbenzene	0.157	0.0250	1	05/27/21	05/28/21	
Toluene	0.283	0.0250	1	05/27/21	05/28/21	
o-Xylene	0.251	0.0250	1	05/27/21	05/28/21	
p,m-Xylene	0.720	0.0500	1	05/27/21	05/28/21	
Total Xylenes	0.971	0.0250	1	05/27/21	05/28/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	05/27/21	05/28/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2122018	
Gasoline Range Organics (C6-C10)	21.6	20.0	1	05/27/21	05/28/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		104 %	70-130	05/27/21	05/28/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2122013	
Diesel Range Organics (C10-C28)	144	25.0	1	05/27/21	05/27/21	
Oil Range Organics (C28-C36)	72.7	50.0	1	05/27/21	05/27/21	
<i>Surrogate: n-Nonane</i>						
		106 %	50-200	05/27/21	05/27/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2122017	
Chloride	2410	40.0	2	05/27/21	05/28/21	



QC Summary Data

Enduring Resources, LLC 511 16th Street, Suite 700 Denver CO, 80202	Project Name: Chaco 155H Project Number: 17065-0017 Project Manager: Chad Snell	Reported: 6/1/2021 10:59:25AM
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Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2122018-BLK1)

Prepared: 05/27/21 Analyzed: 05/27/21

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.87		8.00		85.9	70-130			

LCS (2122018-BS1)

Prepared: 05/27/21 Analyzed: 05/27/21

Benzene	5.10	0.0250	5.00		102	70-130			
Ethylbenzene	4.96	0.0250	5.00		99.3	70-130			
Toluene	5.21	0.0250	5.00		104	70-130			
o-Xylene	5.11	0.0250	5.00		102	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.2	0.0250	15.0		102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.06		8.00		88.2	70-130			

Matrix Spike (2122018-MS1)

Source: E105049-01 Prepared: 05/27/21 Analyzed: 05/27/21

Benzene	5.14	0.0250	5.00	ND	103	54-133			
Ethylbenzene	5.01	0.0250	5.00	ND	100	61-133			
Toluene	5.25	0.0250	5.00	ND	105	61-130			
o-Xylene	5.15	0.0250	5.00	ND	103	63-131			
p,m-Xylene	10.2	0.0500	10.0	ND	102	63-131			
Total Xylenes	15.4	0.0250	15.0	ND	102	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.39		8.00		92.4	70-130			

Matrix Spike Dup (2122018-MSD1)

Source: E105049-01 Prepared: 05/27/21 Analyzed: 05/27/21

Benzene	5.17	0.0250	5.00	ND	103	54-133	0.513	20	
Ethylbenzene	5.09	0.0250	5.00	ND	102	61-133	1.46	20	
Toluene	5.29	0.0250	5.00	ND	106	61-130	0.745	20	
o-Xylene	5.21	0.0250	5.00	ND	104	63-131	1.12	20	
p,m-Xylene	10.4	0.0500	10.0	ND	104	63-131	1.50	20	
Total Xylenes	15.6	0.0250	15.0	ND	104	63-131	1.37	20	
Surrogate: 4-Bromochlorobenzene-PID	7.58		8.00		94.8	70-130			



QC Summary Data

Enduring Resources, LLC 511 16th Street, Suite 700 Denver CO, 80202	Project Name: Chaco 155H Project Number: 17065-0017 Project Manager: Chad Snell	Reported: 6/1/2021 10:59:25AM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2122018-BLK1)

Prepared: 05/27/21 Analyzed: 05/27/21

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.16		8.00		102	70-130			

LCS (2122018-BS2)

Prepared: 05/27/21 Analyzed: 05/27/21

Gasoline Range Organics (C6-C10)	55.8	20.0	50.0		112	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.33		8.00		104	70-130			

Matrix Spike (2122018-MS2)

Source: E105049-01 Prepared: 05/27/21 Analyzed: 05/27/21

Gasoline Range Organics (C6-C10)	54.2	20.0	50.0	ND	108	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.27		8.00		103	70-130			

Matrix Spike Dup (2122018-MSD2)

Source: E105049-01 Prepared: 05/27/21 Analyzed: 05/27/21

Gasoline Range Organics (C6-C10)	56.2	20.0	50.0	ND	112	70-130	3.70	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.33		8.00		104	70-130			



QC Summary Data

Enduring Resources, LLC 511 16th Street, Suite 700 Denver CO, 80202	Project Name: Chaco 155H Project Number: 17065-0017 Project Manager: Chad Snell	Reported: 6/1/2021 10:59:25AM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2122013-BLK1)

Prepared: 05/26/21 Analyzed: 05/26/21

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	51.7		50.0		103	50-200			

LCS (2122013-BS1)

Prepared: 05/26/21 Analyzed: 05/26/21

Diesel Range Organics (C10-C28)	491	25.0	500		98.2	38-132			
Surrogate: <i>n</i> -Nonane	51.1		50.0		102	50-200			

Matrix Spike (2122013-MS1)

Source: E105052-03 Prepared: 05/26/21 Analyzed: 05/26/21

Diesel Range Organics (C10-C28)	1680	25.0	500	1320	72.4	38-132			
Surrogate: <i>n</i> -Nonane	38.2		50.0		76.3	50-200			

Matrix Spike Dup (2122013-MSD1)

Source: E105052-03 Prepared: 05/26/21 Analyzed: 05/26/21

Diesel Range Organics (C10-C28)	1720	25.0	500	1320	81.1	38-132	2.56	20	
Surrogate: <i>n</i> -Nonane	32.6		50.0		65.1	50-200			



QC Summary Data

Enduring Resources, LLC 511 16th Street, Suite 700 Denver CO, 80202	Project Name: Chaco 155H Project Number: 17065-0017 Project Manager: Chad Snell	Reported: 6/1/2021 10:59:25AM
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Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2122017-BLK1)

Prepared: 05/27/21 Analyzed: 05/27/21

Chloride ND 20.0

LCS (2122017-BS1)

Prepared: 05/27/21 Analyzed: 05/27/21

Chloride 248 20.0 250 99.3 90-110

Matrix Spike (2122017-MS1)

Source: E105049-01 Prepared: 05/27/21 Analyzed: 05/27/21

Chloride 381 20.0 250 127 102 80-120

Matrix Spike Dup (2122017-MSD1)

Source: E105049-01 Prepared: 05/27/21 Analyzed: 05/27/21

Chloride 374 20.0 250 127 98.7 80-120 1.84 20

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: Chaco 155H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
06/01/21 10:59

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Project Information

Chain of Custody

Page 1 of 1

[illegible]

Page 14 of 15

Envirotech Analytical Laboratory

Printed: 5/27/2021 9:19:36AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Enduring Resources, LLC	Date Received:	05/27/21 09:00	Work Order ID:	E105054
Phone:	(505) 636-9729	Date Logged In:	05/27/21 09:14	Logged In By:	Alexa Michaels
Email:	csnell@EnduringResources.com	Due Date:	05/28/21 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
 2. Does the number of samples per sampling site location match the COC? Yes
 3. Were samples dropped off by client or carrier? Yes
 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
 5. Were all samples received within holding time? Yes
- Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold times are not included in this discussion.

Carrier: Chad SnellComments/ResolutionSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? No
 8. If yes, was cooler received in good condition? NA
 9. Was the sample(s) received intact, i.e., not broken? Yes
 10. Were custody/security seals present? No
 11. If yes, were custody/security seals intact? NA
 12. Was the sample received on ice? If yes, the recorded temperature is 4°C, i.e., 6°±2°C? No
- Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling
13. If no visible ice, record the temperature. Actual sample temperature: 15.3°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:

Sample ID?	Yes
Date/Time Collected?	Yes
Collectors name?	Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

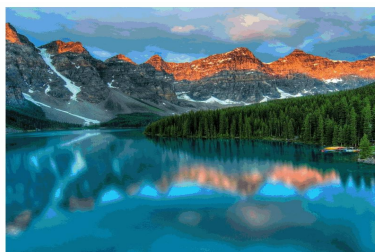
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Chad Snell



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Enduring Resources, LLC

Project Name: Chaco 155H

Work Order: E106002

Job Number: 17065-0017

Received: 6/1/2021

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/3/21

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 6/3/21

Chad Snell
511 16th Street, Suite 700
Denver, CO 80202



Project Name: Chaco 155H
Workorder: E106002
Date Received: 6/1/2021 3:45:00PM

Chad Snell,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/1/2021 3:45:00PM, under the Project Name: Chaco 155H.

The analytical test results summarized in this report with the Project Name: Chaco 155H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Office:

Lynn Estes
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
lestes@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Enduring Resources, LLC 511 16th Street, Suite 700 Denver CO, 80202	Project Name: Chaco 155H Project Number: 17065-0017 Project Manager: Chad Snell	Reported: 06/03/21 12:41
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SB 10 @ 1'	E106002-01A	Soil	05/27/21	06/01/21	Glass Jar, 4 oz.
SB 10 @ 4'	E106002-02A	Soil	05/27/21	06/01/21	Glass Jar, 4 oz.
SB 9 @ 1'	E106002-03A	Soil	05/27/21	06/01/21	Glass Jar, 4 oz.
SB 9 @ 4'	E106002-04A	Soil	05/27/21	06/01/21	Glass Jar, 4 oz.
SB 11 @ 1'	E106002-05A	Soil	05/27/21	06/01/21	Glass Jar, 4 oz.
SB 11 @ 4'	E106002-06A	Soil	05/27/21	06/01/21	Glass Jar, 4 oz.
SB 12 @ 1'	E106002-07A	Soil	05/27/21	06/01/21	Glass Jar, 4 oz.
SB 12 @ 4'	E106002-08A	Soil	05/27/21	06/01/21	Glass Jar, 4 oz.
SB 3 @ 6"	E106002-09A	Soil	06/01/21	06/01/21	Glass Jar, 4 oz.
SB 4 @ 6"	E106002-10A	Soil	06/01/21	06/01/21	Glass Jar, 4 oz.
SB 1 @ 4'	E106002-11A	Soil	06/01/21	06/01/21	Glass Jar, 4 oz.
SB 1 @ 6'	E106002-12A	Soil	06/01/21	06/01/21	Glass Jar, 4 oz.



Sample Data

Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: Chaco 155H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
6/3/2021 12:41:50PM

SB 10 @ 1'

E106002-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2123008	
Benzene	ND	0.0250	1	06/02/21	06/02/21	
Ethylbenzene	ND	0.0250	1	06/02/21	06/02/21	
Toluene	ND	0.0250	1	06/02/21	06/02/21	
o-Xylene	ND	0.0250	1	06/02/21	06/02/21	
p,m-Xylene	ND	0.0500	1	06/02/21	06/02/21	
Total Xylenes	ND	0.0250	1	06/02/21	06/02/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.9 %	70-130		06/02/21	06/02/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2123008	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/02/21	06/02/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.7 %	70-130		06/02/21	06/02/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2123007	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/02/21	06/02/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/02/21	06/02/21	
<i>Surrogate: n-Nonane</i>						
	82.5 %	50-200		06/02/21	06/02/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2123010	
Chloride	ND	20.0	1	06/02/21	06/02/21	



Sample Data

Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: Chaco 155H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
6/3/2021 12:41:50PM

SB 10 @ 4'

E106002-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2123008	
Benzene	ND	0.0250	1	06/02/21	06/02/21	
Ethylbenzene	ND	0.0250	1	06/02/21	06/02/21	
Toluene	ND	0.0250	1	06/02/21	06/02/21	
o-Xylene	ND	0.0250	1	06/02/21	06/02/21	
p,m-Xylene	ND	0.0500	1	06/02/21	06/02/21	
Total Xylenes	ND	0.0250	1	06/02/21	06/02/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.1 %	70-130		06/02/21	06/02/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2123008	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/02/21	06/02/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	100 %	70-130		06/02/21	06/02/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2123007	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/02/21	06/02/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/02/21	06/02/21	
<i>Surrogate: n-Nonane</i>						
	79.5 %	50-200		06/02/21	06/02/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2123010	
Chloride	ND	20.0	1	06/02/21	06/02/21	



Sample Data

Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: Chaco 155H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
6/3/2021 12:41:50PM

SB 9 @ 1'

E106002-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2123008	
Benzene	ND	0.0250	1	06/02/21	06/02/21	
Ethylbenzene	ND	0.0250	1	06/02/21	06/02/21	
Toluene	ND	0.0250	1	06/02/21	06/02/21	
o-Xylene	ND	0.0250	1	06/02/21	06/02/21	
p,m-Xylene	ND	0.0500	1	06/02/21	06/02/21	
Total Xylenes	ND	0.0250	1	06/02/21	06/02/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.9 %	70-130		06/02/21	06/02/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2123008	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/02/21	06/02/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.5 %	70-130		06/02/21	06/02/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2123007	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/02/21	06/02/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/02/21	06/02/21	
<i>Surrogate: n-Nonane</i>						
	83.7 %	50-200		06/02/21	06/02/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2123010	
Chloride	23.7	20.0	1	06/02/21	06/02/21	



Sample Data

Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: Chaco 155H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
6/3/2021 12:41:50PM

SB 9 @ 4'

E106002-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2123008	
Benzene	ND	0.0250	1	06/02/21	06/02/21	
Ethylbenzene	ND	0.0250	1	06/02/21	06/02/21	
Toluene	ND	0.0250	1	06/02/21	06/02/21	
o-Xylene	ND	0.0250	1	06/02/21	06/02/21	
p,m-Xylene	ND	0.0500	1	06/02/21	06/02/21	
Total Xylenes	ND	0.0250	1	06/02/21	06/02/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.6 %	70-130		06/02/21	06/02/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2123008	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/02/21	06/02/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.7 %	70-130		06/02/21	06/02/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2123007	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/02/21	06/02/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/02/21	06/02/21	
<i>Surrogate: n-Nonane</i>						
	83.7 %	50-200		06/02/21	06/02/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2123010	
Chloride	ND	20.0	1	06/02/21	06/02/21	



Sample Data

Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: Chaco 155H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
6/3/2021 12:41:50PM

SB 11 @ 1'

E106002-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2123008	
Benzene	ND	0.0250	1	06/02/21	06/02/21	
Ethylbenzene	ND	0.0250	1	06/02/21	06/02/21	
Toluene	ND	0.0250	1	06/02/21	06/02/21	
o-Xylene	ND	0.0250	1	06/02/21	06/02/21	
p,m-Xylene	ND	0.0500	1	06/02/21	06/02/21	
Total Xylenes	ND	0.0250	1	06/02/21	06/02/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.3 %	70-130		06/02/21	06/02/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2123008	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/02/21	06/02/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	102 %	70-130		06/02/21	06/02/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2123007	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/02/21	06/02/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/02/21	06/02/21	
<i>Surrogate: n-Nonane</i>						
	109 %	50-200		06/02/21	06/02/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2123010	
Chloride	ND	20.0	1	06/02/21	06/02/21	



Sample Data

Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: Chaco 155H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
6/3/2021 12:41:50PM

SB 11 @ 4'

E106002-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2123008	
Benzene	ND	0.0250	1	06/02/21	06/02/21	
Ethylbenzene	ND	0.0250	1	06/02/21	06/02/21	
Toluene	ND	0.0250	1	06/02/21	06/02/21	
o-Xylene	ND	0.0250	1	06/02/21	06/02/21	
p,m-Xylene	ND	0.0500	1	06/02/21	06/02/21	
Total Xylenes	ND	0.0250	1	06/02/21	06/02/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.5 %	70-130		06/02/21	06/02/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2123008	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/02/21	06/02/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.2 %	70-130		06/02/21	06/02/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2123007	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/02/21	06/02/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/02/21	06/02/21	
<i>Surrogate: n-Nonane</i>						
	104 %	50-200		06/02/21	06/02/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2123010	
Chloride	ND	20.0	1	06/02/21	06/02/21	



Sample Data

Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: Chaco 155H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
6/3/2021 12:41:50PM

SB 12 @ 1'

E106002-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2123008	
Benzene	ND	0.0250	1	06/02/21	06/02/21	
Ethylbenzene	ND	0.0250	1	06/02/21	06/02/21	
Toluene	ND	0.0250	1	06/02/21	06/02/21	
o-Xylene	ND	0.0250	1	06/02/21	06/02/21	
p,m-Xylene	ND	0.0500	1	06/02/21	06/02/21	
Total Xylenes	ND	0.0250	1	06/02/21	06/02/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	100 %	70-130		06/02/21	06/02/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2123008	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/02/21	06/02/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.8 %	70-130		06/02/21	06/02/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2123007	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/02/21	06/02/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/02/21	06/02/21	
<i>Surrogate: n-Nonane</i>						
	100 %	50-200		06/02/21	06/02/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2123010	
Chloride	ND	20.0	1	06/02/21	06/02/21	



Sample Data

Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: Chaco 155H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
6/3/2021 12:41:50PM

SB 12 @ 4'

E106002-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2123008
Benzene	ND	0.0250	1	06/02/21	06/02/21	
Ethylbenzene	ND	0.0250	1	06/02/21	06/02/21	
Toluene	ND	0.0250	1	06/02/21	06/02/21	
o-Xylene	ND	0.0250	1	06/02/21	06/02/21	
p,m-Xylene	ND	0.0500	1	06/02/21	06/02/21	
Total Xylenes	ND	0.0250	1	06/02/21	06/02/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.8 %	70-130		06/02/21	06/02/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2123008
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/02/21	06/02/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.2 %	70-130		06/02/21	06/02/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2123007
Diesel Range Organics (C10-C28)	ND	25.0	1	06/02/21	06/02/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/02/21	06/02/21	
<i>Surrogate: n-Nonane</i>						
	102 %	50-200		06/02/21	06/02/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2123010
Chloride	ND	20.0	1	06/02/21	06/02/21	



Sample Data

Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: Chaco 155H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
6/3/2021 12:41:50PM

SB 3 @ 6"

E106002-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2123008	
Benzene	ND	0.0250	1	06/02/21	06/02/21	
Ethylbenzene	ND	0.0250	1	06/02/21	06/02/21	
Toluene	ND	0.0250	1	06/02/21	06/02/21	
o-Xylene	ND	0.0250	1	06/02/21	06/02/21	
p,m-Xylene	ND	0.0500	1	06/02/21	06/02/21	
Total Xylenes	ND	0.0250	1	06/02/21	06/02/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.9 %	70-130		06/02/21	06/02/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2123008	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/02/21	06/02/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.5 %	70-130		06/02/21	06/02/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2123007	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/02/21	06/02/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/02/21	06/02/21	
<i>Surrogate: n-Nonane</i>						
	98.9 %	50-200		06/02/21	06/02/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2123010	
Chloride	1840	20.0	1	06/02/21	06/02/21	



Sample Data

Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: Chaco 155H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
6/3/2021 12:41:50PM

SB 4 @ 6"

E106002-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2123008	
Benzene	ND	0.0250	1	06/02/21	06/02/21	
Ethylbenzene	ND	0.0250	1	06/02/21	06/02/21	
Toluene	ND	0.0250	1	06/02/21	06/02/21	
o-Xylene	ND	0.0250	1	06/02/21	06/02/21	
p,m-Xylene	ND	0.0500	1	06/02/21	06/02/21	
Total Xylenes	ND	0.0250	1	06/02/21	06/02/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.8 %	70-130		06/02/21	06/02/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2123008	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/02/21	06/02/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	82.3 %	70-130		06/02/21	06/02/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2123007	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/02/21	06/02/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/02/21	06/02/21	
<i>Surrogate: n-Nonane</i>						
	102 %	50-200		06/02/21	06/02/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2123010	
Chloride	ND	20.0	1	06/02/21	06/02/21	



Sample Data

Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: Chaco 155H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
6/3/2021 12:41:50PM

SB 1 @ 4'

E106002-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2123008
Benzene	ND	0.0250	1	06/02/21	06/02/21	
Ethylbenzene	ND	0.0250	1	06/02/21	06/02/21	
Toluene	ND	0.0250	1	06/02/21	06/02/21	
o-Xylene	ND	0.0250	1	06/02/21	06/02/21	
p,m-Xylene	ND	0.0500	1	06/02/21	06/02/21	
Total Xylenes	ND	0.0250	1	06/02/21	06/02/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.6 %	70-130		06/02/21	06/02/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2123008
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/02/21	06/02/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.5 %	70-130		06/02/21	06/02/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2123007
Diesel Range Organics (C10-C28)	ND	25.0	1	06/02/21	06/02/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/02/21	06/02/21	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		06/02/21	06/02/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2123010
Chloride	501	20.0	1	06/02/21	06/02/21	



Sample Data

Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: Chaco 155H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
6/3/2021 12:41:50PM

SB 1 @ 6'

E106002-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2123008
Benzene	ND	0.0250	1	06/02/21	06/02/21	
Ethylbenzene	ND	0.0250	1	06/02/21	06/02/21	
Toluene	ND	0.0250	1	06/02/21	06/02/21	
o-Xylene	ND	0.0250	1	06/02/21	06/02/21	
p,m-Xylene	ND	0.0500	1	06/02/21	06/02/21	
Total Xylenes	ND	0.0250	1	06/02/21	06/02/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.0 %	70-130		06/02/21	06/02/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2123008
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/02/21	06/02/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	79.5 %	70-130		06/02/21	06/02/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2123007
Diesel Range Organics (C10-C28)	ND	25.0	1	06/02/21	06/02/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/02/21	06/02/21	
<i>Surrogate: n-Nonane</i>						
	105 %	50-200		06/02/21	06/02/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2123010
Chloride	440	20.0	1	06/02/21	06/02/21	



QC Summary Data

Enduring Resources, LLC 511 16th Street, Suite 700 Denver CO, 80202	Project Name: Chaco 155H Project Number: 17065-0017 Project Manager: Chad Snell	Reported: 6/3/2021 12:41:50PM
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Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2123008-BLK1)

Prepared: 06/02/21 Analyzed: 06/02/21

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.12		8.00		89.0	70-130			

LCS (2123008-BS1)

Prepared: 06/02/21 Analyzed: 06/02/21

Benzene	5.13	0.0250	5.00		103	70-130			
Ethylbenzene	4.98	0.0250	5.00		99.6	70-130			
Toluene	5.23	0.0250	5.00		105	70-130			
o-Xylene	5.15	0.0250	5.00		103	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.3	0.0250	15.0		102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.15		8.00		89.4	70-130			

Matrix Spike (2123008-MS1)

Source: E106002-01 Prepared: 06/02/21 Analyzed: 06/02/21

Benzene	5.03	0.0250	5.00	ND	101	54-133			
Ethylbenzene	4.88	0.0250	5.00	ND	97.5	61-133			
Toluene	5.13	0.0250	5.00	ND	103	61-130			
o-Xylene	5.03	0.0250	5.00	ND	101	63-131			
p,m-Xylene	9.93	0.0500	10.0	ND	99.3	63-131			
Total Xylenes	15.0	0.0250	15.0	ND	99.8	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.12		8.00		89.0	70-130			

Matrix Spike Dup (2123008-MSD1)

Source: E106002-01 Prepared: 06/02/21 Analyzed: 06/02/21

Benzene	5.11	0.0250	5.00	ND	102	54-133	1.61	20	
Ethylbenzene	4.96	0.0250	5.00	ND	99.3	61-133	1.82	20	
Toluene	5.20	0.0250	5.00	ND	104	61-130	1.48	20	
o-Xylene	5.11	0.0250	5.00	ND	102	63-131	1.67	20	
p,m-Xylene	10.1	0.0500	10.0	ND	101	63-131	1.67	20	
Total Xylenes	15.2	0.0250	15.0	ND	101	63-131	1.67	20	
Surrogate: 4-Bromochlorobenzene-PID	7.25		8.00		90.6	70-130			



QC Summary Data

Enduring Resources, LLC 511 16th Street, Suite 700 Denver CO, 80202	Project Name: Chaco 155H Project Number: 17065-0017 Project Manager: Chad Snell	Reported: 6/3/2021 12:41:50PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2123008-BLK1)

Prepared: 06/02/21 Analyzed: 06/02/21

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.85		8.00		98.1	70-130			

LCS (2123008-BS2)

Prepared: 06/02/21 Analyzed: 06/02/21

Gasoline Range Organics (C6-C10)	52.1	20.0	50.0		104	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.90		8.00		98.8	70-130			

Matrix Spike (2123008-MS2)

Source: E106002-01 Prepared: 06/02/21 Analyzed: 06/02/21

Gasoline Range Organics (C6-C10)	50.1	20.0	50.0	ND	100	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.15		8.00		102	70-130			

Matrix Spike Dup (2123008-MSD2)

Source: E106002-01 Prepared: 06/02/21 Analyzed: 06/02/21

Gasoline Range Organics (C6-C10)	51.9	20.0	50.0	ND	104	70-130	3.47	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.18		8.00		102	70-130			



QC Summary Data

Enduring Resources, LLC 511 16th Street, Suite 700 Denver CO, 80202	Project Name: Chaco 155H Project Number: 17065-0017 Project Manager: Chad Snell	Reported: 6/3/2021 12:41:50PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2123007-BLK1)

Prepared: 06/02/21 Analyzed: 06/02/21

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	58.5		50.0		117	50-200			

LCS (2123007-BS1)

Prepared: 06/02/21 Analyzed: 06/02/21

Diesel Range Organics (C10-C28)	481	25.0	500		96.2	38-132			
Surrogate: <i>n</i> -Nonane	50.8		50.0		102	50-200			

Matrix Spike (2123007-MS1)

Source: E106002-06 Prepared: 06/02/21 Analyzed: 06/02/21

Diesel Range Organics (C10-C28)	469	25.0	500	ND	93.9	38-132			
Surrogate: <i>n</i> -Nonane	42.1		50.0		84.3	50-200			

Matrix Spike Dup (2123007-MSD1)

Source: E106002-06 Prepared: 06/02/21 Analyzed: 06/02/21

Diesel Range Organics (C10-C28)	476	25.0	500	ND	95.2	38-132	1.44	20	
Surrogate: <i>n</i> -Nonane	41.8		50.0		83.7	50-200			



QC Summary Data

Enduring Resources, LLC 511 16th Street, Suite 700 Denver CO, 80202	Project Name: Chaco 155H Project Number: 17065-0017 Project Manager: Chad Snell	Reported: 6/3/2021 12:41:50PM
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Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2123010-BLK1)

Prepared: 06/02/21 Analyzed: 06/02/21

Chloride ND 20.0

LCS (2123010-BS1)

Prepared: 06/02/21 Analyzed: 06/02/21

Chloride 243 20.0 250 97.2 90-110

Matrix Spike (2123010-MS1)

Source: E106002-01 Prepared: 06/02/21 Analyzed: 06/02/21

Chloride 253 20.0 250 ND 101 80-120

Matrix Spike Dup (2123010-MSD1)

Source: E106002-01 Prepared: 06/02/21 Analyzed: 06/02/21

Chloride 255 20.0 250 ND 102 80-120 0.468 20

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Enduring Resources, LLC	Project Name:	Chaco 155H	
511 16th Street, Suite 700	Project Number:	17065-0017	Reported:
Denver CO, 80202	Project Manager:	Chad Snell	06/03/21 12:41

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Project Information

Chain of Custody

Page 1 of 2

Client: <u>Enduring Resources</u>			Bill To			Lab Use Only				TAT			EPA Program						
Project: <u>Chaco 155H</u>			Attention: _____			Lab WO# <u>E106002</u>		Job Number <u>17015007</u>		1D	2D	3D	Standard	CWA	SDWA				
Project Manager: <u>Chad Snell</u>			Address: _____			Analysis and Method													
Address: <u>200 Energy Court</u>			City, State, Zip _____																
City, State, Zip <u>Farmington, NM 87413</u>			Phone: _____													RCRA			
Phone: <u>(505) 444-0586</u>			Email: _____												State				
Report due by: _____															NM	CO	UT	AZ	TX
															Remarks				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0								
12:50	5-27-21	S	1	SB 10 @ 1'	1	X	X	X			X								
1:00			1	SB 10 @ 4'	2	X	X	X			X								
12:40			1	SB 9 @ 1'	3	X	X	X			X								
12:30			1	SB 9 @ 4'	4	X	X	X			X								
1:10			1	SB 11 @ 1'	5	X	X	X			X								
1:20			1	SB 11 @ 4'	6	X	X	X			X								
1:30			1	SB 12 @ 1'	7	X	X	X			X								
1:40			1	SB 12 @ 4'	8	X	X	X			X								
1:30	6-1-21		1	SB 3 @ 6"	9	X	X	X			X								
1:40	6-1-21		1	SB 4 @ 6"	10	X	X	X			X								
Additional Instructions:																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.										Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.									
Relinquished by: (Signature) <u>[Signature]</u>		Date <u>6-1-21</u>	Time <u>3:45pm</u>	Received by: (Signature) <u>[Signature]</u>		Date <u>6-1-21</u>	Time <u>15:45</u>	Lab Use Only											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Received on ice: <u>Y</u> / N											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 _____ T2 _____ T3 _____											
								AVG Temp °C <u>41</u>											
Sample Matrix: S - Soil, sd - Solid, Sg - Sludge, A - Aqueous, O - Other								Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA											
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			

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Project Information

Chain of Custody

Page 2 of 2

Client: <u>Enduring Resources</u>		Bill To		Lab Use Only				TAT				EPA Program	
Project: <u>Chaco 155H</u>		Attention:		Lab WO# <u>E106002</u>		Job Number <u>170650017</u>		1D	2D	3D	Standard	CWA	SDWA
Project Manager: <u>Chad Snell</u>		Address:											
Address:		City, State, Zip		Analysis and Method									
Phone:		Phone:											
Email:		Email:											
Report due by:													
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	State	
												NM	CO
												UT	AZ
												TX	
												Remarks	
1:50	6-1-21	S	1	3B1@4'	11	X	X	X		X			
2:00	6-1-21	S	1	3B1@6'	12	X	X	X		X			
Additional Instructions:													
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.										Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.			
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only					
<u>[Signature]</u>		<u>6-1-21</u>	<u>3:45pm</u>	<u>[Signature]</u>		<u>6-1-21</u>	<u>15:45</u>	Received on ice: <u>Y</u> / N					
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 _____ T2 _____ T3 _____					
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C <u>4</u>					
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____							Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA						
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.													

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Envirotech Analytical Laboratory

Printed: 6/1/2021 4:03:57PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Enduring Resources, LLC	Date Received:	06/01/21 15:45	Work Order ID:	E106002
Phone:	(505) 636-9729	Date Logged In:	06/01/21 15:53	Logged In By:	Alexa Michaels
Email:	csnell@EnduringResources.com	Due Date:	06/02/21 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold times are not included in this discussion.

Carrier: Chad SnellComments/ResolutionSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temperature is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

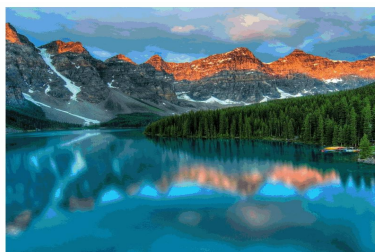
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Chad Snell



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Enduring Resources, LLC

Project Name: Chaco 155H

Work Order: E106011

Job Number: 17065-0017

Received: 6/7/2021

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/9/21

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 6/9/21

Chad Snell
511 16th Street, Suite 700
Denver, CO 80202



Project Name: Chaco 155H
Workorder: E106011
Date Received: 6/7/2021 2:30:00PM

Chad Snell,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/7/2021 2:30:00PM, under the Project Name: Chaco 155H.

The analytical test results summarized in this report with the Project Name: Chaco 155H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Tom Brown
Technical Representative
Cell: 832-444-7704
tbrown@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Enduring Resources, LLC 511 16th Street, Suite 700 Denver CO, 80202	Project Name: Chaco 155H Project Number: 17065-0017 Project Manager: Chad Snell	Reported: 06/09/21 09:46
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Section 1	E106011-01A	Soil	06/07/21	06/07/21	Glass Jar, 4 oz.
Section 2	E106011-02A	Soil	06/07/21	06/07/21	Glass Jar, 4 oz.
Section 3	E106011-03A	Soil	06/07/21	06/07/21	Glass Jar, 4 oz.
Section 4	E106011-04A	Soil	06/07/21	06/07/21	Glass Jar, 4 oz.
Hole	E106011-05A	Soil	06/07/21	06/07/21	Glass Jar, 4 oz.
Section 5	E106011-06A	Soil	06/07/21	06/07/21	Glass Jar, 4 oz.
Sec 6	E106011-07A	Soil	06/07/21	06/07/21	Glass Jar, 4 oz.
Lact Skid Wall	E106011-08A	Soil	06/07/21	06/07/21	Glass Jar, 4 oz.
Section 7	E106011-09A	Soil	06/07/21	06/07/21	Glass Jar, 4 oz.
Tank Wall	E106011-10A	Soil	06/07/21	06/07/21	Glass Jar, 4 oz.
Section 8	E106011-11A	Soil	06/07/21	06/07/21	Glass Jar, 4 oz.



Sample Data

Enduring Resources, LLC 511 16th Street, Suite 700 Denver CO, 80202	Project Name: Chaco 155H Project Number: 17065-0017 Project Manager: Chad Snell	Reported: 6/9/2021 9:46:25AM
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Section 1

E106011-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2124001	
Benzene	ND	0.0250	1	06/07/21	06/07/21	
Ethylbenzene	ND	0.0250	1	06/07/21	06/07/21	
Toluene	ND	0.0250	1	06/07/21	06/07/21	
o-Xylene	ND	0.0250	1	06/07/21	06/07/21	
p,m-Xylene	ND	0.0500	1	06/07/21	06/07/21	
Total Xylenes	ND	0.0250	1	06/07/21	06/07/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	96.7 %	70-130		06/07/21	06/07/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2124001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/21	06/07/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	97.9 %	70-130		06/07/21	06/07/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2124003	
Diesel Range Organics (C10-C28)	544	25.0	1	06/07/21	06/07/21	
Oil Range Organics (C28-C36)	252	50.0	1	06/07/21	06/07/21	
<i>Surrogate: n-Nonane</i>	95.9 %	50-200		06/07/21	06/07/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2124006	
Chloride	1020	20.0	1	06/07/21	06/07/21	



Sample Data

Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: Chaco 155H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
6/9/2021 9:46:25AM

Section 2

E106011-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2124001
Benzene	ND	0.0250	1	06/07/21	06/07/21	
Ethylbenzene	ND	0.0250	1	06/07/21	06/07/21	
Toluene	ND	0.0250	1	06/07/21	06/07/21	
o-Xylene	ND	0.0250	1	06/07/21	06/07/21	
p,m-Xylene	0.0572	0.0500	1	06/07/21	06/07/21	
Total Xylenes	0.0572	0.0250	1	06/07/21	06/07/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.1 %	70-130		06/07/21	06/07/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2124001
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/21	06/07/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.3 %	70-130		06/07/21	06/07/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2124003
Diesel Range Organics (C10-C28)	309	25.0	1	06/07/21	06/07/21	
Oil Range Organics (C28-C36)	157	50.0	1	06/07/21	06/07/21	
<i>Surrogate: n-Nonane</i>						
	89.4 %	50-200		06/07/21	06/07/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2124006
Chloride	1540	20.0	1	06/07/21	06/07/21	



Sample Data

Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: Chaco 155H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
6/9/2021 9:46:25AM

Section 3

E106011-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2124001
Benzene	ND	0.0250	1	06/07/21	06/07/21	
Ethylbenzene	ND	0.0250	1	06/07/21	06/07/21	
Toluene	ND	0.0250	1	06/07/21	06/07/21	
o-Xylene	ND	0.0250	1	06/07/21	06/07/21	
p,m-Xylene	ND	0.0500	1	06/07/21	06/07/21	
Total Xylenes	ND	0.0250	1	06/07/21	06/07/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.1 %	70-130		06/07/21	06/07/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2124001
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/21	06/07/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.0 %	70-130		06/07/21	06/07/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2124003
Diesel Range Organics (C10-C28)	307	25.0	1	06/07/21	06/07/21	
Oil Range Organics (C28-C36)	188	50.0	1	06/07/21	06/07/21	
<i>Surrogate: n-Nonane</i>						
	80.5 %	50-200		06/07/21	06/07/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2124006
Chloride	2070	20.0	1	06/07/21	06/07/21	



Sample Data

Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: Chaco 155H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
6/9/2021 9:46:25AM

Section 4

E106011-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2124001
Benzene	ND	0.0250	1	06/07/21	06/07/21	
Ethylbenzene	ND	0.0250	1	06/07/21	06/07/21	
Toluene	ND	0.0250	1	06/07/21	06/07/21	
o-Xylene	ND	0.0250	1	06/07/21	06/07/21	
p,m-Xylene	ND	0.0500	1	06/07/21	06/07/21	
Total Xylenes	ND	0.0250	1	06/07/21	06/07/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.9 %	70-130		06/07/21	06/07/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2124001
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/21	06/07/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.5 %	70-130		06/07/21	06/07/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2124003
Diesel Range Organics (C10-C28)	ND	25.0	1	06/07/21	06/07/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/21	06/07/21	
<i>Surrogate: n-Nonane</i>						
	88.8 %	50-200		06/07/21	06/07/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2124006
Chloride	2240	20.0	1	06/07/21	06/07/21	



Sample Data

Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: Chaco 155H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
6/9/2021 9:46:25AM

Hole

E106011-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2124001
Benzene	ND	0.0250	1	06/07/21	06/07/21	
Ethylbenzene	ND	0.0250	1	06/07/21	06/07/21	
Toluene	ND	0.0250	1	06/07/21	06/07/21	
o-Xylene	ND	0.0250	1	06/07/21	06/07/21	
p,m-Xylene	ND	0.0500	1	06/07/21	06/07/21	
Total Xylenes	ND	0.0250	1	06/07/21	06/07/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.1 %	70-130		06/07/21	06/07/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2124001
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/21	06/07/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.4 %	70-130		06/07/21	06/07/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2124003
Diesel Range Organics (C10-C28)	ND	25.0	1	06/07/21	06/07/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/21	06/07/21	
<i>Surrogate: n-Nonane</i>						
	79.7 %	50-200		06/07/21	06/07/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2124006
Chloride	3300	40.0	2	06/07/21	06/07/21	



Sample Data

Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: Chaco 155H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
6/9/2021 9:46:25AM

Section 5

E106011-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2124001	
Benzene	ND	0.0250	1	06/07/21	06/07/21	
Ethylbenzene	ND	0.0250	1	06/07/21	06/07/21	
Toluene	ND	0.0250	1	06/07/21	06/07/21	
o-Xylene	ND	0.0250	1	06/07/21	06/07/21	
p,m-Xylene	ND	0.0500	1	06/07/21	06/07/21	
Total Xylenes	ND	0.0250	1	06/07/21	06/07/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	93.0 %	70-130		06/07/21	06/07/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2124001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/21	06/07/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	96.9 %	70-130		06/07/21	06/07/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2124003	
Diesel Range Organics (C10-C28)	207	25.0	1	06/07/21	06/07/21	
Oil Range Organics (C28-C36)	111	50.0	1	06/07/21	06/07/21	
<i>Surrogate: n-Nonane</i>	98.1 %	50-200		06/07/21	06/07/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2124006	
Chloride	3670	40.0	2	06/07/21	06/07/21	



Sample Data

Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: Chaco 155H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
6/9/2021 9:46:25AM

Sec 6

E106011-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2124001	
Benzene	ND	0.0250	1	06/07/21	06/07/21	
Ethylbenzene	ND	0.0250	1	06/07/21	06/07/21	
Toluene	ND	0.0250	1	06/07/21	06/07/21	
o-Xylene	ND	0.0250	1	06/07/21	06/07/21	
p,m-Xylene	ND	0.0500	1	06/07/21	06/07/21	
Total Xylenes	ND	0.0250	1	06/07/21	06/07/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	<i>94.4 %</i>	<i>70-130</i>		<i>06/07/21</i>	<i>06/07/21</i>	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2124001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/21	06/07/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	<i>99.3 %</i>	<i>70-130</i>		<i>06/07/21</i>	<i>06/07/21</i>	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2124003	
Diesel Range Organics (C10-C28)	32.6	25.0	1	06/07/21	06/07/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/21	06/07/21	
<i>Surrogate: n-Nonane</i>	<i>93.6 %</i>	<i>50-200</i>		<i>06/07/21</i>	<i>06/07/21</i>	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2124006	
Chloride	10200	400	20	06/07/21	06/07/21	



Sample Data

Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: Chaco 155H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
6/9/2021 9:46:25AM

Lact Skid Wall

E106011-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2124001	
Benzene	ND	0.0250	1	06/07/21	06/07/21	
Ethylbenzene	ND	0.0250	1	06/07/21	06/07/21	
Toluene	ND	0.0250	1	06/07/21	06/07/21	
o-Xylene	ND	0.0250	1	06/07/21	06/07/21	
p,m-Xylene	ND	0.0500	1	06/07/21	06/07/21	
Total Xylenes	ND	0.0250	1	06/07/21	06/07/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	<i>90.5 %</i>	<i>70-130</i>		<i>06/07/21</i>	<i>06/07/21</i>	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2124001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/21	06/07/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	<i>96.8 %</i>	<i>70-130</i>		<i>06/07/21</i>	<i>06/07/21</i>	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2124003	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/07/21	06/07/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/21	06/07/21	
<i>Surrogate: n-Nonane</i>	<i>97.3 %</i>	<i>50-200</i>		<i>06/07/21</i>	<i>06/07/21</i>	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2124006	
Chloride	4750	40.0	2	06/07/21	06/08/21	



Sample Data

Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: Chaco 155H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
6/9/2021 9:46:25AM

Section 7

E106011-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2124001
Benzene	ND	0.0250	1	06/07/21	06/07/21	
Ethylbenzene	ND	0.0250	1	06/07/21	06/07/21	
Toluene	ND	0.0250	1	06/07/21	06/07/21	
o-Xylene	ND	0.0250	1	06/07/21	06/07/21	
p,m-Xylene	ND	0.0500	1	06/07/21	06/07/21	
Total Xylenes	ND	0.0250	1	06/07/21	06/07/21	
Surrogate: 4-Bromochlorobenzene-PID	91.2 %	70-130		06/07/21	06/07/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2124001
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/21	06/07/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID	98.0 %	70-130		06/07/21	06/07/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2124003
Diesel Range Organics (C10-C28)	ND	25.0	1	06/07/21	06/07/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/21	06/07/21	
Surrogate: n-Nonane	94.3 %	50-200		06/07/21	06/07/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2124006
Chloride	1560	20.0	1	06/07/21	06/08/21	



Sample Data

Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: Chaco 155H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
6/9/2021 9:46:25AM

Tank Wall

E106011-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: RKS		Batch: 2124001
Benzene	ND	0.0250	1	06/07/21	06/07/21	
Ethylbenzene	ND	0.0250	1	06/07/21	06/07/21	
Toluene	ND	0.0250	1	06/07/21	06/07/21	
o-Xylene	ND	0.0250	1	06/07/21	06/07/21	
p,m-Xylene	ND	0.0500	1	06/07/21	06/07/21	
Total Xylenes	ND	0.0250	1	06/07/21	06/07/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		90.3 %	70-130	06/07/21	06/07/21	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: RKS		Batch: 2124001
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/21	06/07/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.7 %	70-130	06/07/21	06/07/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: JL		Batch: 2124003
Diesel Range Organics (C10-C28)	ND	25.0	1	06/07/21	06/07/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/21	06/07/21	
<i>Surrogate: n-Nonane</i>		93.3 %	50-200	06/07/21	06/07/21	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: RAS		Batch: 2124006
Chloride	6630	100	5	06/07/21	06/08/21	



Sample Data

Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: Chaco 155H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
6/9/2021 9:46:25AM

Section 8

E106011-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2124001
Benzene	ND	0.0250	1	06/07/21	06/08/21	
Ethylbenzene	ND	0.0250	1	06/07/21	06/08/21	
Toluene	ND	0.0250	1	06/07/21	06/08/21	
o-Xylene	ND	0.0250	1	06/07/21	06/08/21	
p,m-Xylene	ND	0.0500	1	06/07/21	06/08/21	
Total Xylenes	ND	0.0250	1	06/07/21	06/08/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.1 %	70-130		06/07/21	06/08/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2124001
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/21	06/08/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.4 %	70-130		06/07/21	06/08/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2124003
Diesel Range Organics (C10-C28)	ND	25.0	1	06/07/21	06/07/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/21	06/07/21	
<i>Surrogate: n-Nonane</i>						
	98.4 %	50-200		06/07/21	06/07/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2124006
Chloride	1870	20.0	1	06/07/21	06/08/21	



QC Summary Data

Enduring Resources, LLC	Project Name:	Chaco 155H	Reported:
511 16th Street, Suite 700	Project Number:	17065-0017	
Denver CO, 80202	Project Manager:	Chad Snell	6/9/2021 9:46:25AM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2124001-BLK1)

Prepared: 06/07/21 Analyzed: 06/07/21

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.74		8.00		96.7	70-130			

LCS (2124001-BS1)

Prepared: 06/07/21 Analyzed: 06/07/21

Benzene	4.79	0.0250	5.00		95.8	70-130			
Ethylbenzene	4.96	0.0250	5.00		99.2	70-130			
Toluene	5.08	0.0250	5.00		102	70-130			
o-Xylene	4.86	0.0250	5.00		97.3	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	14.9	0.0250	15.0		99.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.62		8.00		95.2	70-130			

Matrix Spike (2124001-MS1)

Source: E106008-01 Prepared: 06/07/21 Analyzed: 06/07/21

Benzene	4.58	0.0250	5.00	ND	91.6	54-133			
Ethylbenzene	5.41	0.0250	5.00	0.643	95.3	61-133			
Toluene	5.10	0.0250	5.00	0.296	96.1	61-130			
o-Xylene	6.25	0.0250	5.00	1.42	96.6	63-131			
p,m-Xylene	12.8	0.0500	10.0	3.48	93.1	63-131			
Total Xylenes	19.0	0.0250	15.0	4.90	94.2	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.43		8.00		92.9	70-130			

Matrix Spike Dup (2124001-MSD1)

Source: E106008-01 Prepared: 06/07/21 Analyzed: 06/07/21

Benzene	4.57	0.0250	5.00	ND	91.4	54-133	0.199	20	
Ethylbenzene	5.54	0.0250	5.00	0.643	98.0	61-133	2.42	20	
Toluene	5.14	0.0250	5.00	0.296	96.9	61-130	0.726	20	
o-Xylene	6.53	0.0250	5.00	1.42	102	63-131	4.40	20	
p,m-Xylene	13.4	0.0500	10.0	3.48	98.7	63-131	4.34	20	
Total Xylenes	19.9	0.0250	15.0	4.90	99.9	63-131	4.36	20	
Surrogate: 4-Bromochlorobenzene-PID	7.62		8.00		95.2	70-130			



QC Summary Data

Enduring Resources, LLC 511 16th Street, Suite 700 Denver CO, 80202	Project Name: Chaco 155H Project Number: 17065-0017 Project Manager: Chad Snell	Reported: 6/9/2021 9:46:25AM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2124001-BLK1)

Prepared: 06/07/21 Analyzed: 06/07/21

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.89		8.00		86.2	70-130			

LCS (2124001-BS2)

Prepared: 06/07/21 Analyzed: 06/07/21

Gasoline Range Organics (C6-C10)	47.1	20.0	50.0	60.3	94.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.01		8.00		87.6	70-130			

Matrix Spike (2124001-MS2)

Source: E106008-01 Prepared: 06/07/21 Analyzed: 06/07/21

Gasoline Range Organics (C6-C10)	109	20.0	50.0	60.3	96.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.61		8.00		95.2	70-130			

Matrix Spike Dup (2124001-MSD2)

Source: E106008-01 Prepared: 06/07/21 Analyzed: 06/07/21

Gasoline Range Organics (C6-C10)	117	20.0	50.0	60.3	114	70-130	7.77	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.93		8.00		99.2	70-130			



QC Summary Data

Enduring Resources, LLC 511 16th Street, Suite 700 Denver CO, 80202	Project Name: Chaco 155H Project Number: 17065-0017 Project Manager: Chad Snell	Reported: 6/9/2021 9:46:25AM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2124003-BLK1)

Prepared: 06/07/21 Analyzed: 06/07/21

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	43.6		50.0		87.1	50-200			

LCS (2124003-BS1)

Prepared: 06/07/21 Analyzed: 06/07/21

Diesel Range Organics (C10-C28)	456	25.0	500		91.2	38-132			
Surrogate: <i>n</i> -Nonane	41.2		50.0		82.4	50-200			

Matrix Spike (2124003-MS1)

Source: E106008-01 Prepared: 06/07/21 Analyzed: 06/07/21

Diesel Range Organics (C10-C28)	2800	250	500	2110	139	38-132			M4
Surrogate: <i>n</i> -Nonane	63.0		50.0		126	50-200			

Matrix Spike Dup (2124003-MSD1)

Source: E106008-01 Prepared: 06/07/21 Analyzed: 06/07/21

Diesel Range Organics (C10-C28)	3010	250	500	2110	181	38-132	7.18	20	M4
Surrogate: <i>n</i> -Nonane	62.9		50.0		126	50-200			



QC Summary Data

Enduring Resources, LLC 511 16th Street, Suite 700 Denver CO, 80202	Project Name: Chaco 155H Project Number: 17065-0017 Project Manager: Chad Snell	Reported: 6/9/2021 9:46:25AM
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Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2124006-BLK1)

Prepared: 06/07/21 Analyzed: 06/07/21

Chloride	ND	20.0							
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LCS (2124006-BS1)

Prepared: 06/07/21 Analyzed: 06/07/21

Chloride	244	20.0	250		97.8	90-110			
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Matrix Spike (2124006-MS1)

Source: E106007-01 Prepared: 06/07/21 Analyzed: 06/07/21

Chloride	62400	2000	250	72800	NR	80-120			M5
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Matrix Spike Dup (2124006-MSD1)

Source: E106007-01 Prepared: 06/07/21 Analyzed: 06/07/21

Chloride	60500	2000	250	72800	NR	80-120	3.13	20	M5
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QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Enduring Resources, LLC	Project Name:	Chaco 155H	
511 16th Street, Suite 700	Project Number:	17065-0017	Reported:
Denver CO, 80202	Project Manager:	Chad Snell	06/09/21 09:46

M4	Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
M5	The analysis of the MS sample required a dilution such that the spike recovery calculation does not provide useful information. The associated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Project Information

Chain of Custody

Page 1 of 2

Client: <u>Enduring Resources</u> Project: <u>Chico 155H</u> Project Manager: <u>Chad Snell</u> Address: <u>200 Energy Court</u> City, State, Zip: <u>Farmington, NM 87401</u> Phone: <u>(505) 444-0586</u> Email: <u>CSnell@enduringresources.com</u> Report due by:					Bill To Attention: Address: City, State, Zip Phone: Email:					Lab Use Only Lab WO# <u>E106011</u> Job Number <u>17065007</u> Analysis and Method							TAT 1D 2D 3D			EPA Program CWA SDWA	
															RCRA State NM CO UT AZ TX						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0									Remarks	
11:00	6-7-21	S	1	Section 1	1	X	X	X			X										
11:05			1	Section 2	2	X	X	X			X										
11:10			1	Section 3	3	X	X	X			X										
11:15			1	Section 4	4	X	X	X			X										
11:20			1	Hole	5	X	X	X			X										
11:25			1	6' x 8' x 12' well Section 5	6	X	X	X			X										
11:35			1	Sec 6	7	X	X	X			X										
12:30			1	6' x 8' x 12' well	8	X	X	X			X										
12:35			1	Section 7	9	X	X	X			X										
12:45			1	Tank Wall	10	X	X	X			X										
Additional Instructions:																					
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.											Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.										
Relinquished by: (Signature) <u>[Signature]</u> Date <u>6-7-21</u> Time <u>2:30pm</u>					Received by: (Signature) <u>[Signature]</u> Date <u>6/7/21</u> Time <u>14:30</u>					Lab Use Only Received on ice: Y / N <u>(N)</u> T1 <u>15.5</u> T2 <u>20.6</u> T3 <u>20.8</u> AVG Temp °C <u>19</u>											
Relinquished by: (Signature) Date Time					Received by: (Signature) Date Time																
Relinquished by: (Signature) Date Time					Received by: (Signature) Date Time																
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other											Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA										
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																					

Page 21 of 23

Project Information

Chain of Custody

Page 2 of 2

[illegible]

Page 22 of 23

Envirotech Analytical Laboratory

Printed: 6/7/2021 2:39:49PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Enduring Resources, LLC	Date Received:	06/07/21 14:30	Work Order ID:	E106011
Phone:	(505) 636-9729	Date Logged In:	06/07/21 14:25	Logged In By:	Alexa Michaels
Email:	csnell@EnduringResources.com	Due Date:	06/08/21 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold times are not included in this discussion.

Carrier: Chad Snell**Comments/Resolution****Sample Turn Around Time (TAT)**

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? No
8. If yes, was cooler received in good condition? NA
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temperature is 4°C, i.e., 6°±2°C? No

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 19°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

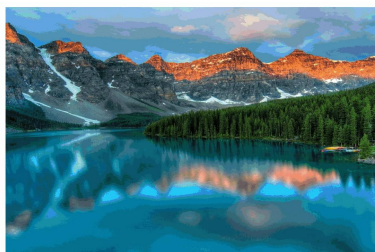
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Chad Snell



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Enduring Resources, LLC

Project Name: Chaco 155H

Work Order: E106024

Job Number: 17065-0017

Received: 6/10/2021

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/14/21

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 6/14/21

Chad Snell
511 16th Street, Suite 700
Denver, CO 80202



Project Name: Chaco 155H
Workorder: E106024
Date Received: 6/10/2021 2:52:00PM

Chad Snell,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/10/2021 2:52:00PM, under the Project Name: Chaco 155H.

The analytical test results summarized in this report with the Project Name: Chaco 155H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Tom Brown
Technical Representative
Cell: 832-444-7704
tbrown@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Enduring Resources, LLC 511 16th Street, Suite 700 Denver CO, 80202	Project Name: Chaco 155H Project Number: 17065-0017 Project Manager: Chad Snell	Reported: 06/14/21 14:49
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Section 1	E106024-01A	Soil	06/10/21	06/10/21	Glass Jar, 4 oz.
Section 2	E106024-02A	Soil	06/10/21	06/10/21	Glass Jar, 4 oz.
Section 3	E106024-03A	Soil	06/10/21	06/10/21	Glass Jar, 4 oz.
Section 5	E106024-04A	Soil	06/10/21	06/10/21	Glass Jar, 4 oz.
Section 9	E106024-05A	Soil	06/10/21	06/10/21	Glass Jar, 4 oz.



Sample Data

Enduring Resources, LLC 511 16th Street, Suite 700 Denver CO, 80202	Project Name: Chaco 155H Project Number: 17065-0017 Project Manager: Chad Snell	Reported: 6/14/2021 2:49:49PM
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Section 1

E106024-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2124021	
Benzene	ND	0.0250	1	06/10/21	06/11/21	
Ethylbenzene	ND	0.0250	1	06/10/21	06/11/21	
Toluene	ND	0.0250	1	06/10/21	06/11/21	
o-Xylene	ND	0.0250	1	06/10/21	06/11/21	
p,m-Xylene	ND	0.0500	1	06/10/21	06/11/21	
Total Xylenes	ND	0.0250	1	06/10/21	06/11/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	93.1 %	70-130		06/10/21	06/11/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2124021	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/10/21	06/11/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	100 %	70-130		06/10/21	06/11/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AC		Batch: 2124022	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/21	06/10/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/21	06/10/21	
<i>Surrogate: n-Nonane</i>	93.8 %	50-200		06/10/21	06/10/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2124016	
Chloride	1220	20.0	1	06/11/21	06/11/21	



Sample Data

Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: Chaco 155H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
6/14/2021 2:49:49PM

Section 2

E106024-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: RKS		Batch: 2124021
Benzene	ND	0.0250	1	06/10/21	06/11/21	
Ethylbenzene	ND	0.0250	1	06/10/21	06/11/21	
Toluene	ND	0.0250	1	06/10/21	06/11/21	
o-Xylene	ND	0.0250	1	06/10/21	06/11/21	
p,m-Xylene	ND	0.0500	1	06/10/21	06/11/21	
Total Xylenes	ND	0.0250	1	06/10/21	06/11/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		90.3 %	70-130	06/10/21	06/11/21	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: RKS		Batch: 2124021
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/10/21	06/11/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.7 %	70-130	06/10/21	06/11/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: AC		Batch: 2124022
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/21	06/10/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/21	06/10/21	
<i>Surrogate: n-Nonane</i>		100 %	50-200	06/10/21	06/10/21	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: RAS		Batch: 2124016
Chloride	964	20.0	1	06/11/21	06/11/21	



Sample Data

Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: Chaco 155H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
6/14/2021 2:49:49PM

Section 3

E106024-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2124021
Benzene	ND	0.0250	1	06/10/21	06/11/21	
Ethylbenzene	ND	0.0250	1	06/10/21	06/11/21	
Toluene	ND	0.0250	1	06/10/21	06/11/21	
o-Xylene	ND	0.0250	1	06/10/21	06/11/21	
p,m-Xylene	ND	0.0500	1	06/10/21	06/11/21	
Total Xylenes	ND	0.0250	1	06/10/21	06/11/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.8 %	70-130		06/10/21	06/11/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2124021
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/10/21	06/11/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.0 %	70-130		06/10/21	06/11/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AC		Batch: 2124022
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/21	06/10/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/21	06/10/21	
<i>Surrogate: n-Nonane</i>						
	97.1 %	50-200		06/10/21	06/10/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2124016
Chloride	956	20.0	1	06/11/21	06/11/21	



Sample Data

Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: Chaco 155H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
6/14/2021 2:49:49PM

Section 5

E106024-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: RKS		Batch: 2124021
Benzene	ND	0.0250	1	06/10/21	06/11/21	
Ethylbenzene	ND	0.0250	1	06/10/21	06/11/21	
Toluene	ND	0.0250	1	06/10/21	06/11/21	
o-Xylene	ND	0.0250	1	06/10/21	06/11/21	
p,m-Xylene	ND	0.0500	1	06/10/21	06/11/21	
Total Xylenes	ND	0.0250	1	06/10/21	06/11/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		89.6 %	70-130	06/10/21	06/11/21	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: RKS		Batch: 2124021
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/10/21	06/11/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.1 %	70-130	06/10/21	06/11/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: AC		Batch: 2124022
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/21	06/10/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/21	06/10/21	
<i>Surrogate: n-Nonane</i>		99.3 %	50-200	06/10/21	06/10/21	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: RAS		Batch: 2124016
Chloride	1250	20.0	1	06/11/21	06/11/21	



Sample Data

Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: Chaco 155H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
6/14/2021 2:49:49PM

Section 9

E106024-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2124021
Benzene	ND	0.0250	1	06/10/21	06/11/21	
Ethylbenzene	ND	0.0250	1	06/10/21	06/11/21	
Toluene	ND	0.0250	1	06/10/21	06/11/21	
o-Xylene	ND	0.0250	1	06/10/21	06/11/21	
p,m-Xylene	ND	0.0500	1	06/10/21	06/11/21	
Total Xylenes	ND	0.0250	1	06/10/21	06/11/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.1 %	70-130		06/10/21	06/11/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2124021
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/10/21	06/11/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.6 %	70-130		06/10/21	06/11/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AC		Batch: 2124022
Diesel Range Organics (C10-C28)	ND	25.0	1	06/10/21	06/10/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/10/21	06/10/21	
<i>Surrogate: n-Nonane</i>						
	100 %	50-200		06/10/21	06/10/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2124016
Chloride	1330	20.0	1	06/11/21	06/11/21	



QC Summary Data

Enduring Resources, LLC	Project Name:	Chaco 155H	Reported:
511 16th Street, Suite 700	Project Number:	17065-0017	
Denver CO, 80202	Project Manager:	Chad Snell	6/14/2021 2:49:49PM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2124021-BLK1)

Prepared: 06/10/21 Analyzed: 06/11/21

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.12		8.00		89.0	70-130			

LCS (2124021-BS1)

Prepared: 06/10/21 Analyzed: 06/11/21

Benzene	4.93	0.0250	5.00		98.5	70-130			
Ethylbenzene	4.85	0.0250	5.00		96.9	70-130			
Toluene	5.06	0.0250	5.00		101	70-130			
o-Xylene	4.98	0.0250	5.00		99.6	70-130			
p,m-Xylene	9.86	0.0500	10.0		98.6	70-130			
Total Xylenes	14.8	0.0250	15.0		98.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.22		8.00		90.2	70-130			

Matrix Spike (2124021-MS1)

Source: E106024-01 Prepared: 06/10/21 Analyzed: 06/11/21

Benzene	4.70	0.0250	5.00	ND	94.0	54-133			
Ethylbenzene	4.63	0.0250	5.00	ND	92.6	61-133			
Toluene	4.84	0.0250	5.00	ND	96.7	61-130			
o-Xylene	4.76	0.0250	5.00	ND	95.3	63-131			
p,m-Xylene	9.43	0.0500	10.0	ND	94.3	63-131			
Total Xylenes	14.2	0.0250	15.0	ND	94.6	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.35		8.00		91.9	70-130			

Matrix Spike Dup (2124021-MSD1)

Source: E106024-01 Prepared: 06/10/21 Analyzed: 06/11/21

Benzene	4.81	0.0250	5.00	ND	96.1	54-133	2.21	20	
Ethylbenzene	4.72	0.0250	5.00	ND	94.4	61-133	1.93	20	
Toluene	4.93	0.0250	5.00	ND	98.6	61-130	1.88	20	
o-Xylene	4.85	0.0250	5.00	ND	97.0	63-131	1.82	20	
p,m-Xylene	9.60	0.0500	10.0	ND	96.0	63-131	1.85	20	
Total Xylenes	14.5	0.0250	15.0	ND	96.3	63-131	1.84	20	
Surrogate: 4-Bromochlorobenzene-PID	7.36		8.00		92.0	70-130			



QC Summary Data

Enduring Resources, LLC 511 16th Street, Suite 700 Denver CO, 80202	Project Name: Chaco 155H Project Number: 17065-0017 Project Manager: Chad Snell	Reported: 6/14/2021 2:49:49PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2124021-BLK1)

Prepared: 06/10/21 Analyzed: 06/11/21

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.65		8.00		95.7	70-130			

LCS (2124021-BS2)

Prepared: 06/10/21 Analyzed: 06/11/21

Gasoline Range Organics (C6-C10)	46.4	20.0	50.0		92.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.02		8.00		100	70-130			

Matrix Spike (2124021-MS2)

Source: E106024-01 Prepared: 06/10/21 Analyzed: 06/11/21

Gasoline Range Organics (C6-C10)	47.2	20.0	50.0	ND	94.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.95		8.00		99.3	70-130			

Matrix Spike Dup (2124021-MSD2)

Source: E106024-01 Prepared: 06/10/21 Analyzed: 06/11/21

Gasoline Range Organics (C6-C10)	47.3	20.0	50.0	ND	94.5	70-130	0.123	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.90		8.00		98.8	70-130			



QC Summary Data

Enduring Resources, LLC 511 16th Street, Suite 700 Denver CO, 80202	Project Name: Chaco 155H Project Number: 17065-0017 Project Manager: Chad Snell	Reported: 6/14/2021 2:49:49PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AC

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2124022-BLK1)

Prepared: 06/10/21 Analyzed: 06/10/21

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	53.6		50.0		107	50-200			

LCS (2124022-BS1)

Prepared: 06/10/21 Analyzed: 06/10/21

Diesel Range Organics (C10-C28)	482	25.0	500		96.3	38-132			
Surrogate: <i>n</i> -Nonane	49.5		50.0		99.1	50-200			

Matrix Spike (2124022-MS1)

Source: E106024-05 Prepared: 06/10/21 Analyzed: 06/10/21

Diesel Range Organics (C10-C28)	486	25.0	500	17.6	93.8	38-132			
Surrogate: <i>n</i> -Nonane	48.2		50.0		96.5	50-200			

Matrix Spike Dup (2124022-MSD1)

Source: E106024-05 Prepared: 06/10/21 Analyzed: 06/10/21

Diesel Range Organics (C10-C28)	499	25.0	500	17.6	96.2	38-132	2.50	20	
Surrogate: <i>n</i> -Nonane	51.3		50.0		103	50-200			



QC Summary Data

Enduring Resources, LLC 511 16th Street, Suite 700 Denver CO, 80202	Project Name: Chaco 155H Project Number: 17065-0017 Project Manager: Chad Snell	Reported: 6/14/2021 2:49:49PM
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Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2124016-BLK1)

Prepared: 06/10/21 Analyzed: 06/10/21

Chloride ND 20.0

LCS (2124016-BS1)

Prepared: 06/10/21 Analyzed: 06/10/21

Chloride 248 20.0 250 99.2 90-110

Matrix Spike (2124016-MS1)

Source: E106012-01 Prepared: 06/10/21 Analyzed: 06/10/21

Chloride 309 20.0 250 66.8 97.0 80-120

Matrix Spike Dup (2124016-MSD1)

Source: E106012-01 Prepared: 06/10/21 Analyzed: 06/10/21

Chloride 321 20.0 250 66.8 102 80-120 3.68 20

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Enduring Resources, LLC	Project Name:	Chaco 155H	
511 16th Street, Suite 700	Project Number:	17065-0017	Reported:
Denver CO, 80202	Project Manager:	Chad Snell	06/14/21 14:49

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Project Information

Chain of Custody

Page 1 of 1

[illegible]

Envirotech Analytical Laboratory

Printed: 6/10/2021 3:01:49PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Enduring Resources, LLC	Date Received:	06/10/21 14:52	Work Order ID:	E106024
Phone:	(505) 636-9729	Date Logged In:	06/10/21 14:57	Logged In By:	Raina Schwanz
Email:	csnell@EnduringResources.com	Due Date:	06/11/21 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold times are not included in this discussion.

Carrier: Chad Snell**Comments/Resolution****Sample Turn Around Time (TAT)**

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? No
8. If yes, was cooler received in good condition? NA
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temperature is 4°C, i.e., 6°±2°C? No

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 25.5°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

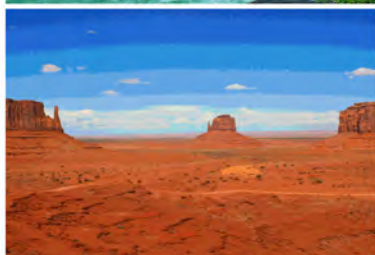
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Chad Snell



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Enduring Resources, LLC

Project Name: Chaco 155H

Work Order: E106051

Job Number: 17065-0017

Received: 6/22/2021

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/28/21

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 6/28/21

Chad Snell
511 16th Street, Suite 700
Denver, CO 80202



Project Name: Chaco 155H
Workorder: E106051
Date Received: 6/22/2021 12:05:00PM

Chad Snell,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/22/2021 12:05:00PM, under the Project Name: Chaco 155H.

The analytical test results summarized in this report with the Project Name: Chaco 155H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Tom Brown
Technical Representative
Cell: 832-444-7704
tbrown@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Enduring Resources, LLC	Project Name:	Chaco 155H	Reported: 06/28/21 11:31
511 16th Street, Suite 700	Project Number:	17065-0017	
Denver CO, 80202	Project Manager:	Chad Snell	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Hole @ 12.5'	E106051-01A	Soil	06/22/21	06/22/21	Glass Jar, 4 oz.



Sample Data

Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: Chaco 155H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
6/28/2021 11:31:34AM

Hole @ 12.5'

E106051-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126017
Benzene	ND	0.0250	1	06/23/21	06/23/21	
Ethylbenzene	ND	0.0250	1	06/23/21	06/23/21	
Toluene	ND	0.0250	1	06/23/21	06/23/21	
o-Xylene	ND	0.0250	1	06/23/21	06/23/21	
p,m-Xylene	ND	0.0500	1	06/23/21	06/23/21	
Total Xylenes	ND	0.0250	1	06/23/21	06/23/21	
Surrogate: 4-Bromochlorobenzene-PID	100 %	70-130		06/23/21	06/23/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126017
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/23/21	06/23/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID	93.5 %	70-130		06/23/21	06/23/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2126023
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/21	06/24/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/21	06/24/21	
Surrogate: n-Nonane	118 %	50-200		06/23/21	06/24/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2126022
Chloride	1030	20.0	1	06/23/21	06/23/21	



QC Summary Data

Enduring Resources, LLC 511 16th Street, Suite 700 Denver CO, 80202	Project Name: Chaco 155H Project Number: 17065-0017 Project Manager: Chad Snell	Reported: 6/28/2021 11:31:34AM
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Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2126017-BLK1)

Prepared: 06/22/21 Analyzed: 06/22/21

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.47		8.00		93.4	70-130			

LCS (2126017-BS1)

Prepared: 06/22/21 Analyzed: 06/22/21

Benzene	4.57	0.0250	5.00		91.4	70-130			
Ethylbenzene	4.72	0.0250	5.00		94.5	70-130			
Toluene	4.87	0.0250	5.00		97.3	70-130			
o-Xylene	4.87	0.0250	5.00		97.4	70-130			
p,m-Xylene	9.60	0.0500	10.0		96.0	70-130			
Total Xylenes	14.5	0.0250	15.0		96.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.57		8.00		94.6	70-130			

Matrix Spike (2126017-MS1)

Source: E106048-41 Prepared: 06/22/21 Analyzed: 06/22/21

Benzene	4.46	0.0250	5.00	ND	89.2	54-133			
Ethylbenzene	4.72	0.0250	5.00	ND	94.4	61-133			
Toluene	4.83	0.0250	5.00	ND	96.6	61-130			
o-Xylene	4.86	0.0250	5.00	ND	97.3	63-131			
p,m-Xylene	9.59	0.0500	10.0	ND	95.9	63-131			
Total Xylenes	14.5	0.0250	15.0	ND	96.4	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.72		8.00		96.5	70-130			

Matrix Spike Dup (2126017-MSD1)

Source: E106048-41 Prepared: 06/22/21 Analyzed: 06/22/21

Benzene	4.53	0.0250	5.00	ND	90.6	54-133	1.53	20	
Ethylbenzene	4.78	0.0250	5.00	ND	95.6	61-133	1.30	20	
Toluene	4.88	0.0250	5.00	ND	97.7	61-130	1.06	20	
o-Xylene	4.93	0.0250	5.00	ND	98.5	63-131	1.28	20	
p,m-Xylene	9.72	0.0500	10.0	ND	97.2	63-131	1.29	20	
Total Xylenes	14.6	0.0250	15.0	ND	97.6	63-131	1.29	20	
Surrogate: 4-Bromochlorobenzene-PID	7.66		8.00		95.7	70-130			



QC Summary Data

Enduring Resources, LLC 511 16th Street, Suite 700 Denver CO, 80202	Project Name: Chaco 155H Project Number: 17065-0017 Project Manager: Chad Snell	Reported: 6/28/2021 11:31:34AM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2126017-BLK1)

Prepared: 06/22/21 Analyzed: 06/22/21

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.26		8.00		103	70-130			

LCS (2126017-BS2)

Prepared: 06/22/21 Analyzed: 06/22/21

Gasoline Range Organics (C6-C10)	52.6	20.0	50.0		105	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.32		8.00		104	70-130			

Matrix Spike (2126017-MS2)

Source: E106048-41 Prepared: 06/22/21 Analyzed: 06/22/21

Gasoline Range Organics (C6-C10)	48.8	20.0	50.0	ND	97.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.17		8.00		102	70-130			

Matrix Spike Dup (2126017-MSD2)

Source: E106048-41 Prepared: 06/22/21 Analyzed: 06/22/21

Gasoline Range Organics (C6-C10)	50.4	20.0	50.0	ND	101	70-130	3.23	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.52		8.00		106	70-130			



QC Summary Data

Enduring Resources, LLC 511 16th Street, Suite 700 Denver CO, 80202	Project Name: Chaco 155H Project Number: 17065-0017 Project Manager: Chad Snell	Reported: 6/28/2021 11:31:34AM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2126023-BLK1)

Prepared: 06/23/21 Analyzed: 06/24/21

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	59.6		50.0		119	50-200			

LCS (2126023-BS1)

Prepared: 06/23/21 Analyzed: 06/24/21

Diesel Range Organics (C10-C28)	457	25.0	500		91.3	38-132			
Surrogate: <i>n</i> -Nonane	55.5		50.0		111	50-200			

Matrix Spike (2126023-MS1)

Source: E106044-06 Prepared: 06/23/21 Analyzed: 06/24/21

Diesel Range Organics (C10-C28)	457	25.0	500	ND	91.4	38-132			
Surrogate: <i>n</i> -Nonane	55.6		50.0		111	50-200			

Matrix Spike Dup (2126023-MSD1)

Source: E106044-06 Prepared: 06/23/21 Analyzed: 06/24/21

Diesel Range Organics (C10-C28)	455	25.0	500	ND	91.0	38-132	0.444	20	
Surrogate: <i>n</i> -Nonane	55.4		50.0		111	50-200			



QC Summary Data

Enduring Resources, LLC 511 16th Street, Suite 700 Denver CO, 80202	Project Name: Chaco 155H Project Number: 17065-0017 Project Manager: Chad Snell	Reported: 6/28/2021 11:31:34AM
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Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2126022-BLK1)

Prepared: 06/23/21 Analyzed: 06/23/21

Chloride ND 20.0

LCS (2126022-BS1)

Prepared: 06/23/21 Analyzed: 06/23/21

Chloride 247 20.0 250 98.7 90-110

Matrix Spike (2126022-MS1)

Source: E106044-01 Prepared: 06/23/21 Analyzed: 06/23/21

Chloride 291 20.0 250 39.4 100 80-120

Matrix Spike Dup (2126022-MSD1)

Source: E106044-01 Prepared: 06/23/21 Analyzed: 06/23/21

Chloride 286 20.0 250 39.4 98.6 80-120 1.63 20

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Enduring Resources, LLC	Project Name:	Chaco 155H	
511 16th Street, Suite 700	Project Number:	17065-0017	Reported:
Denver CO, 80202	Project Manager:	Chad Snell	06/28/21 11:31

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.





Envirotech Analytical Laboratory

Printed: 6/22/2021 4:53:16PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Enduring Resources, LLC	Date Received:	06/22/21 12:05	Work Order ID:	E106051
Phone:	(505) 636-9729	Date Logged In:	06/22/21 16:49	Logged In By:	Alexa Michaels
Email:	csnell@EnduringResources.com	Due Date:	06/29/21 17:00 (5 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: Chad Snell**Comments/Resolution**

Chloride Analysis 1 day rush only

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? No
8. If yes, was cooler received in good condition? NA
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C No

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 21.9°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Chad Snell



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Enduring Resources, LLC

Project Name: Chaco 155H

Work Order: E106060

Job Number: 17065-0017

Received: 6/24/2021

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/30/21

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 6/30/21

Chad Snell
511 16th Street, Suite 700
Denver, CO 80202



Project Name: Chaco 155H
Workorder: E106060
Date Received: 6/24/2021 2:57:00PM

Chad Snell,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/24/2021 2:57:00PM, under the Project Name: Chaco 155H.

The analytical test results summarized in this report with the Project Name: Chaco 155H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Tom Brown
Technical Representative
Cell: 832-444-7704
tbrown@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Enduring Resources, LLC 511 16th Street, Suite 700 Denver CO, 80202	Project Name: Chaco 155H Project Number: 17065-0017 Project Manager: Chad Snell	Reported: 06/30/21 12:09
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Hole @ 16'	E106060-01A	Soil	06/24/21	06/24/21	Glass Jar, 4 oz.
TP1 @ 16'	E106060-02A	Soil	06/24/21	06/24/21	Glass Jar, 4 oz.
TP1 @ 8'	E106060-03A	Soil	06/24/21	06/24/21	Glass Jar, 4 oz.
TP2 @ 12'	E106060-04A	Soil	06/24/21	06/24/21	Glass Jar, 4 oz.
TP2 @ 16'	E106060-05A	Soil	06/24/21	06/24/21	Glass Jar, 4 oz.
TP3 @ 8'	E106060-06A	Soil	06/24/21	06/24/21	Glass Jar, 4 oz.
TP3 @ 16'	E106060-07A	Soil	06/24/21	06/24/21	Glass Jar, 4 oz.
TP4 @ 12'	E106060-08A	Soil	06/24/21	06/24/21	Glass Jar, 4 oz.
TP4 @ 16'	E106060-09A	Soil	06/24/21	06/24/21	Glass Jar, 4 oz.



Sample Data

Enduring Resources, LLC 511 16th Street, Suite 700 Denver CO, 80202	Project Name: Chaco 155H Project Number: 17065-0017 Project Manager: Chad Snell	Reported: 6/30/2021 12:09:02PM
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Hole @ 16'

E106060-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2126033	
Benzene	ND	0.0250	1	06/24/21	06/25/21	
Ethylbenzene	ND	0.0250	1	06/24/21	06/25/21	
Toluene	ND	0.0250	1	06/24/21	06/25/21	
o-Xylene	ND	0.0250	1	06/24/21	06/25/21	
p,m-Xylene	ND	0.0500	1	06/24/21	06/25/21	
Total Xylenes	ND	0.0250	1	06/24/21	06/25/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	94.6 %	70-130		06/24/21	06/25/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2126033	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/21	06/25/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	105 %	70-130		06/24/21	06/25/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2126034	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/24/21	06/25/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/24/21	06/25/21	
<i>Surrogate: n-Nonane</i>	88.7 %	50-200		06/24/21	06/25/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2126036	
Chloride	63.7	20.0	1	06/25/21	06/25/21	



Sample Data

Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: Chaco 155H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
6/30/2021 12:09:02PM

TP1 @ 16'

E106060-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126033
Benzene	ND	0.0250	1	06/24/21	06/25/21	
Ethylbenzene	ND	0.0250	1	06/24/21	06/25/21	
Toluene	ND	0.0250	1	06/24/21	06/25/21	
o-Xylene	ND	0.0250	1	06/24/21	06/25/21	
p,m-Xylene	ND	0.0500	1	06/24/21	06/25/21	
Total Xylenes	ND	0.0250	1	06/24/21	06/25/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.6 %	70-130		06/24/21	06/25/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126033
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/21	06/25/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	103 %	70-130		06/24/21	06/25/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2126034
Diesel Range Organics (C10-C28)	ND	25.0	1	06/24/21	06/25/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/24/21	06/25/21	
<i>Surrogate: n-Nonane</i>						
	97.4 %	50-200		06/24/21	06/25/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2126036
Chloride	ND	40.0	2	06/25/21	06/25/21	



Sample Data

Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: Chaco 155H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
6/30/2021 12:09:02PM

TP1 @ 8'

E106060-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126033
Benzene	ND	0.0250	1	06/24/21	06/25/21	
Ethylbenzene	ND	0.0250	1	06/24/21	06/25/21	
Toluene	ND	0.0250	1	06/24/21	06/25/21	
o-Xylene	ND	0.0250	1	06/24/21	06/25/21	
p,m-Xylene	ND	0.0500	1	06/24/21	06/25/21	
Total Xylenes	ND	0.0250	1	06/24/21	06/25/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.1 %	70-130		06/24/21	06/25/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126033
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/21	06/25/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	105 %	70-130		06/24/21	06/25/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2126034
Diesel Range Organics (C10-C28)	ND	25.0	1	06/24/21	06/25/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/24/21	06/25/21	
<i>Surrogate: n-Nonane</i>						
	98.7 %	50-200		06/24/21	06/25/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2126036
Chloride	23.2	20.0	1	06/25/21	06/25/21	



Sample Data

Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: Chaco 155H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
6/30/2021 12:09:02PM

TP2 @ 12'

E106060-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126033
Benzene	ND	0.0250	1	06/24/21	06/25/21	
Ethylbenzene	ND	0.0250	1	06/24/21	06/25/21	
Toluene	ND	0.0250	1	06/24/21	06/25/21	
o-Xylene	ND	0.0250	1	06/24/21	06/25/21	
p,m-Xylene	ND	0.0500	1	06/24/21	06/25/21	
Total Xylenes	ND	0.0250	1	06/24/21	06/25/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.2 %	70-130		06/24/21	06/25/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126033
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/21	06/25/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	101 %	70-130		06/24/21	06/25/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2126034
Diesel Range Organics (C10-C28)	ND	25.0	1	06/24/21	06/25/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/24/21	06/25/21	
<i>Surrogate: n-Nonane</i>						
	91.9 %	50-200		06/24/21	06/25/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2126036
Chloride	41.5	40.0	2	06/25/21	06/25/21	



Sample Data

Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: Chaco 155H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
6/30/2021 12:09:02PM

TP2 @ 16'

E106060-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126033
Benzene	ND	0.0250	1	06/24/21	06/25/21	
Ethylbenzene	ND	0.0250	1	06/24/21	06/25/21	
Toluene	ND	0.0250	1	06/24/21	06/25/21	
o-Xylene	ND	0.0250	1	06/24/21	06/25/21	
p,m-Xylene	ND	0.0500	1	06/24/21	06/25/21	
Total Xylenes	ND	0.0250	1	06/24/21	06/25/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.3 %	70-130		06/24/21	06/25/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126033
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/21	06/25/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	105 %	70-130		06/24/21	06/25/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2126034
Diesel Range Organics (C10-C28)	ND	25.0	1	06/24/21	06/25/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/24/21	06/25/21	
<i>Surrogate: n-Nonane</i>						
	91.8 %	50-200		06/24/21	06/25/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2126036
Chloride	ND	20.0	1	06/25/21	06/25/21	



Sample Data

Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: Chaco 155H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
6/30/2021 12:09:02PM

TP3 @ 8'

E106060-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: RKS		Batch: 2126033
Benzene	ND	0.0250	1	06/24/21	06/25/21	
Ethylbenzene	ND	0.0250	1	06/24/21	06/25/21	
Toluene	ND	0.0250	1	06/24/21	06/25/21	
o-Xylene	ND	0.0250	1	06/24/21	06/25/21	
p,m-Xylene	ND	0.0500	1	06/24/21	06/25/21	
Total Xylenes	ND	0.0250	1	06/24/21	06/25/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.9 %	70-130	06/24/21	06/25/21	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: RKS		Batch: 2126033
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/21	06/25/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		103 %	70-130	06/24/21	06/25/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: JL		Batch: 2126034
Diesel Range Organics (C10-C28)	ND	25.0	1	06/24/21	06/25/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/24/21	06/25/21	
<i>Surrogate: n-Nonane</i>		97.4 %	50-200	06/24/21	06/25/21	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: RAS		Batch: 2126036
Chloride	ND	20.0	1	06/25/21	06/25/21	



Sample Data

Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: Chaco 155H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
6/30/2021 12:09:02PM

TP3 @ 16'

E106060-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: RKS		Batch: 2126033
Benzene	ND	0.0250	1	06/24/21	06/25/21	
Ethylbenzene	ND	0.0250	1	06/24/21	06/25/21	
Toluene	ND	0.0250	1	06/24/21	06/25/21	
o-Xylene	ND	0.0250	1	06/24/21	06/25/21	
p,m-Xylene	ND	0.0500	1	06/24/21	06/25/21	
Total Xylenes	ND	0.0250	1	06/24/21	06/25/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.5 %	70-130	06/24/21	06/25/21	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: RKS		Batch: 2126033
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/21	06/25/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		103 %	70-130	06/24/21	06/25/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: JL		Batch: 2126034
Diesel Range Organics (C10-C28)	ND	25.0	1	06/24/21	06/25/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/24/21	06/25/21	
<i>Surrogate: n-Nonane</i>		103 %	50-200	06/24/21	06/25/21	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: RAS		Batch: 2126036
Chloride	ND	20.0	1	06/25/21	06/25/21	



Sample Data

Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: Chaco 155H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
6/30/2021 12:09:02PM

TP4 @ 12'

E106060-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126033
Benzene	ND	0.0250	1	06/24/21	06/25/21	
Ethylbenzene	ND	0.0250	1	06/24/21	06/25/21	
Toluene	ND	0.0250	1	06/24/21	06/25/21	
o-Xylene	ND	0.0250	1	06/24/21	06/25/21	
p,m-Xylene	ND	0.0500	1	06/24/21	06/25/21	
Total Xylenes	ND	0.0250	1	06/24/21	06/25/21	
Surrogate: 4-Bromochlorobenzene-PID	95.6 %	70-130		06/24/21	06/25/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126033
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/21	06/25/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID	102 %	70-130		06/24/21	06/25/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2126034
Diesel Range Organics (C10-C28)	ND	25.0	1	06/24/21	06/25/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/24/21	06/25/21	
Surrogate: n-Nonane	95.9 %	50-200		06/24/21	06/25/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2126036
Chloride	ND	20.0	1	06/25/21	06/25/21	



Sample Data

Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: Chaco 155H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
6/30/2021 12:09:02PM

TP4 @ 16'

E106060-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126033
Benzene	ND	0.0250	1	06/24/21	06/25/21	
Ethylbenzene	ND	0.0250	1	06/24/21	06/25/21	
Toluene	ND	0.0250	1	06/24/21	06/25/21	
o-Xylene	ND	0.0250	1	06/24/21	06/25/21	
p,m-Xylene	ND	0.0500	1	06/24/21	06/25/21	
Total Xylenes	ND	0.0250	1	06/24/21	06/25/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.0 %	70-130		06/24/21	06/25/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126033
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/21	06/25/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	102 %	70-130		06/24/21	06/25/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2126034
Diesel Range Organics (C10-C28)	ND	25.0	1	06/24/21	06/25/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/24/21	06/25/21	
<i>Surrogate: n-Nonane</i>						
	94.8 %	50-200		06/24/21	06/25/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2126036
Chloride	ND	20.0	1	06/25/21	06/25/21	



QC Summary Data

Enduring Resources, LLC 511 16th Street, Suite 700 Denver CO, 80202	Project Name: Chaco 155H Project Number: 17065-0017 Project Manager: Chad Snell	Reported: 6/30/2021 12:09:02PM
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Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2126033-BLK1)

Prepared: 06/24/21 Analyzed: 06/25/21

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.92		8.00		99.0	70-130			

LCS (2126033-BS1)

Prepared: 06/24/21 Analyzed: 06/25/21

Benzene	4.77	0.0250	5.00		95.5	70-130			
Ethylbenzene	4.63	0.0250	5.00		92.7	70-130			
Toluene	4.87	0.0250	5.00		97.4	70-130			
o-Xylene	4.76	0.0250	5.00		95.2	70-130			
p,m-Xylene	9.41	0.0500	10.0		94.1	70-130			
Total Xylenes	14.2	0.0250	15.0		94.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.95		8.00		99.4	70-130			

Matrix Spike (2126033-MS1)

Source: E106060-01 Prepared: 06/24/21 Analyzed: 06/25/21

Benzene	4.86	0.0250	5.00	ND	97.3	54-133			
Ethylbenzene	4.73	0.0250	5.00	ND	94.6	61-133			
Toluene	4.97	0.0250	5.00	ND	99.3	61-130			
o-Xylene	4.86	0.0250	5.00	ND	97.1	63-131			
p,m-Xylene	9.61	0.0500	10.0	ND	96.1	63-131			
Total Xylenes	14.5	0.0250	15.0	ND	96.4	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.92		8.00		99.0	70-130			

Matrix Spike Dup (2126033-MSD1)

Source: E106060-01 Prepared: 06/24/21 Analyzed: 06/25/21

Benzene	4.77	0.0250	5.00	ND	95.4	54-133	1.98	20	
Ethylbenzene	4.68	0.0250	5.00	ND	93.6	61-133	1.14	20	
Toluene	4.88	0.0250	5.00	ND	97.6	61-130	1.70	20	
o-Xylene	4.79	0.0250	5.00	ND	95.8	63-131	1.43	20	
p,m-Xylene	9.50	0.0500	10.0	ND	95.0	63-131	1.16	20	
Total Xylenes	14.3	0.0250	15.0	ND	95.2	63-131	1.25	20	
Surrogate: 4-Bromochlorobenzene-PID	8.05		8.00		101	70-130			



QC Summary Data

Enduring Resources, LLC 511 16th Street, Suite 700 Denver CO, 80202	Project Name: Chaco 155H Project Number: 17065-0017 Project Manager: Chad Snell	Reported: 6/30/2021 12:09:02PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2126033-BLK1)

Prepared: 06/24/21 Analyzed: 06/25/21

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.97		8.00		99.6	70-130			

LCS (2126033-BS2)

Prepared: 06/24/21 Analyzed: 06/25/21

Gasoline Range Organics (C6-C10)	50.2	20.0	50.0		100	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.31		8.00		104	70-130			

Matrix Spike (2126033-MS2)

Source: E106060-01 Prepared: 06/24/21 Analyzed: 06/25/21

Gasoline Range Organics (C6-C10)	48.2	20.0	50.0	ND	96.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.18		8.00		102	70-130			

Matrix Spike Dup (2126033-MSD2)

Source: E106060-01 Prepared: 06/24/21 Analyzed: 06/25/21

Gasoline Range Organics (C6-C10)	47.9	20.0	50.0	ND	95.9	70-130	0.498	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.38		8.00		105	70-130			



QC Summary Data

Enduring Resources, LLC 511 16th Street, Suite 700 Denver CO, 80202	Project Name: Chaco 155H Project Number: 17065-0017 Project Manager: Chad Snell	Reported: 6/30/2021 12:09:02PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2126034-BLK1)

Prepared: 06/24/21 Analyzed: 06/25/21

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	50.8		50.0		102	50-200			

LCS (2126034-BS1)

Prepared: 06/24/21 Analyzed: 06/25/21

Diesel Range Organics (C10-C28)	477	25.0	500		95.3	38-132			
Surrogate: <i>n</i> -Nonane	53.9		50.0		108	50-200			

Matrix Spike (2126034-MS1)

Source: E106060-04 Prepared: 06/24/21 Analyzed: 06/25/21

Diesel Range Organics (C10-C28)	460	25.0	500	ND	92.0	38-132			
Surrogate: <i>n</i> -Nonane	50.0		50.0		99.9	50-200			

Matrix Spike Dup (2126034-MSD1)

Source: E106060-04 Prepared: 06/24/21 Analyzed: 06/25/21

Diesel Range Organics (C10-C28)	449	25.0	500	ND	89.7	38-132	2.53	20	
Surrogate: <i>n</i> -Nonane	44.8		50.0		89.6	50-200			



QC Summary Data

Enduring Resources, LLC 511 16th Street, Suite 700 Denver CO, 80202	Project Name: Chaco 155H Project Number: 17065-0017 Project Manager: Chad Snell	Reported: 6/30/2021 12:09:02PM
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Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2126036-BLK1)

Prepared: 06/25/21 Analyzed: 06/25/21

Chloride ND 20.0

LCS (2126036-BS1)

Prepared: 06/25/21 Analyzed: 06/25/21

Chloride 247 20.0 250 98.8 90-110

Matrix Spike (2126036-MS1)

Source: E106057-01 Prepared: 06/25/21 Analyzed: 06/25/21

Chloride 300 20.0 250 50.2 100 80-120

Matrix Spike Dup (2126036-MSD1)

Source: E106057-01 Prepared: 06/25/21 Analyzed: 06/25/21

Chloride 308 20.0 250 50.2 103 80-120 2.40 20

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Enduring Resources, LLC	Project Name:	Chaco 155H	
511 16th Street, Suite 700	Project Number:	17065-0017	Reported:
Denver CO, 80202	Project Manager:	Chad Snell	06/30/21 12:09

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Project Information

Stuart, Hyde @ wsp.com
Chain of Custody

Page 1 of 1

Client: <u>Enduring Resources</u>					Bill To		Lab Use Only		TAT				EPA Program					
Project: <u>Chaco ISSH</u>					Attention:		Lab WO# <u>E10000017005007</u>		Job Number <u>17005007</u>		1D	2D	3D	Standard	CWA	SDWA		
Project Manager: <u>Chad Snell</u>					Address:		Analysis and Method									RCRA		
Address: <u>200 Energy Ct</u>					City, State, Zip											State		
City, State, Zip: <u>Farmington NM</u>					Phone:		DRO/DRO by 8015		GRO/DRO by 8015		BTEX by 8021		VOC by 8260		Metals 6010		Chloride 300.0	
Phone: <u>505-444-6586</u>					Email:													
Email: <u>csnell@enduringresources.com</u>					Report due by:													
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number													Remarks
1120	6/24	S	1	Hole @ 16'	1	X	X	X			X							Rush 1 day
1110				TP1 @ 16'	2	X	X	X			X							Rush 1
1115				TP1 @ 8'	3	X	X	X			X							Rush 1
1155				TP2 @ 12'	4	X	X	X			X							standard TAT
1200				TP2 @ 16'	5	X	X	X			X							
1300				TP3 @ 8'	6	X	X	X			X							
1305				TP3 @ 16'	7	X	X	X			X							
1315				TP4 @ 12'	8	X	X	X			X							
1320				TP4 @ 16'	9	X	X	X			X							
Additional Instructions:																		
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.											Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.							
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Lab Use Only						
		6/24/2021		1455				6/24/21		14:57		Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N						
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		T1 _____ T2 _____ T3 _____						
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		AVG Temp °C <u>4</u>						
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____											Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA							
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																		

Envirotech Analytical Laboratory

Printed: 6/24/2021 3:16:55PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Enduring Resources, LLC	Date Received:	06/24/21 14:57	Work Order ID:	E106060
Phone:	(505) 636-9729	Date Logged In:	06/24/21 15:03	Logged In By:	Alexa Michaels
Email:	csnell@EnduringResources.com	Due Date:	07/01/21 17:00 (5 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: Stuart Hyde**Comments/Resolution**

Samples #1-3 are rushed for 1 day TAT.
Samples #4-9 are standard TAT.

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

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 41006

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 41006
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	2/22/2022