Form C-141
Page 3

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2314434816
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	>120 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☒ No

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

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

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

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

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2314434816
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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 Woods** Title: **EHS Specialist**

Signature: Heather M. Woods Date: **8/8/2023**

email: **Heather.Woods@WhiptailMidstream.com** Telephone: **(505) 636-0574**

OCD Only

Received by: Shelly Wells Date: 8/8/2023

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2314434816
District RP	
Facility ID	
Application ID	

Closure

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

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

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

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

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

☒ Description of remediation activities

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

Printed Name: **Heather Woods** Title: **EHS Specialist**

Signature: Heather M. Woods Date: **8/8/2023**

email: **Heather.Woods@WhiptailMidstream.com** Telephone: **505-636-0574**

OCD Only

Received by: Shelly Wells Date: 8/8/2023

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

Closure Approved by: Nelson Velez Date: 11/09/2023

Printed Name: Nelson Velez Title: Environmental Specialist - Adv

1703 Calder Street, Farmington, New Mexico 87401

August 8, 2023

Mr. Nelson Velez
Environmental Specialist - Advanced
New Mexico Oil Conservation Division
1000 Rio Brazos Road
Aztec, New Mexico 87410

Subject: Closure Report for the Trunk 2-2 Ext 8 Release (nAPP2314434816)

Dear Mr. Velez:

Whiptail Midstream, LLC (Whiptail) submits this Closure Report for the Trunk 2-2 Ext 8 release (nAPP2314434816) which describes remediation activities, and confirmation sampling procedures and results.

Release Information

A release of approximately 21 barrels (bbls) of produced water was discovered at the Trunk 2-2 Ext 8 release site on May 17, 2023, which was the result of a valve failure due to corrosion. Approximately 20 bbls of produced water were recovered by vacuum truck and no liquids were observed to have migrated off the facility pad.

The Site is located in Unit Letter C, Section 9, Township 23 North, Range 8 West, in San Juan County, New Mexico at approximately 36.247517, -107.689448 (NAD 83). A topographic site map is included as Figure 1 and an aerial site map is included as Figure 2.

Remediation Closure Criteria Determination / Site Characterization

The Closure Criteria for the release impacted area are described in Table I of 19.15.29.12 New Mexico Administrative Code (NMAC). The criteria are based upon depth to groundwater at the release site and proximity relative to sensitive receptors as described in Paragraph (4) of Subsection C of 19.15.29.12 NMAC.

Depth to Groundwater / Wellhead Protection Area

Depth to groundwater is greater than 120 feet below grade surface (bgs) at the site based on the test hole record for the Logos #5 located approximately ½-mile to the northeast at a similar elevation as illustrated on Figure 3. A search of the New Mexico Office of the State Engineer's (NMOSE) New Mexico Water Rights

Reporting System (NMWRRS) did not yield any results for registered points of diversion (PODs) within ½-mile of the Site. The test hole record, NMWRRS search results, and NMOSE POD map of the vicinity are included in Appendix A.

Distance to Significant Watercourse

The release area is located approximately 765 feet southwest of a livestock pond.

Sensitive Receptors

The proximity of the release location to sensitive receptors as described in Paragraph (4) of Subsection C of 19.15.29.12 NMAC is assessed in the following table:

19.15.29.12(C)(4). If a release occurs within the following areas, the responsible party must treat the release as if it occurred less than 50 feet to ground water in Table I of 19.15.29.12 NMAC:		
Description	*Y/N*	*Reference*
(a) Within (i) 300 feet of any continuously flowing watercourse or any other significant watercourse, or (ii) 200 feet of any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark);	No	Figures 1 and 2
(b) Within 300 feet from an occupied permanent residence, school, hospital, institution or church;	No	Figure 2
(c) Within (i) 500 feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or (ii) 1,000 feet of any fresh water well or spring;	No	Figures 1 and 2, Appendix A
(d) Within incorporated municipal boundaries or within a defined fresh water well field covered under a municipal ordinance adopted pursuant to Section 3-27-3 NMSA 1978 as amended, unless the municipality specifically approves;	No	Figure 1
(e) Within 300 feet of a wetland;	No	Figure 1 and Appendix B
(f) Within the area overlying a subsurface mine;	No	Appendix C
(g) Within an unstable area; or	No	Appendix C
(h) Within a 100-year floodplain.	No	Appendix D

Closure Criteria

As demonstrated above, depth to groundwater at the site is greater than 100 feet bgs and the release area is not located within the designated proximities of the described sensitive receptors. Therefore, the Closure Criteria for the release are: 10 milligrams per kilogram (mg/kg) benzene; 50 mg/kg total benzene, toluene, ethylbenzene, and xylenes (BTEX); 1,000 mg/kg total petroleum hydrocarbons (TPH) as gasoline range organics (GRO) and diesel range organics (DRO); 2,500 mg/kg total TPH; and 20,000 mg/kg chloride.

The reclamation requirements of 19.15.29.13 NMAC are also applicable to the upper four feet of the impacted area which is demonstrated by confirmation sample concentrations at or below 10 mg/kg benzene, 50 mg/kg total BTEX, 100 mg/kg total TPH, and 600 mg/kg chloride.

Remediation

Upon completion of remedial excavation, a total of 16 five-point composite samples were collected from the excavation sidewalls and bases, each representing 200 square feet or less of the impacted area. A figure depicting the sample locations is included as Figure 4. A photograph log of the sampled areas, field notes, and a copy of the sampling notification are included in Appendix E.

Samples were delivered to Hall Environmental Analysis Laboratory in Albuquerque, New Mexico for analysis including:

- BTEX by United State Environmental Protection Agency (USEPA) Method 8021B;
- TPH as GRO, DRO and motor oil range organics (MRO) by USEPA Method 8015M/D; and
- Chloride by USEPA Method 300.0.

Laboratory analytical results for the excavation confirmation samples report the following:

- Benzene concentrations range from below the laboratory reporting limits to 0.028 mg/kg, which are below the Closure Criteria of 10 mg/kg.
- Total BTEX concentrations range from below the laboratory reporting limits to 0.028 mg/kg, which are below the Closure Criteria of 50 mg/kg.
- TPH as GRO/DRO concentrations range from below the laboratory reporting limits to 12 mg/kg, which are below the Closure Criteria of 1,000 mg/kg.
- TPH as GRO/DRO/MRO concentrations range from below the laboratory reporting limits to 12 mg/kg which are below the Closure Criteria of 2,500 mg/kg.
- Chloride concentrations range from below the laboratory reporting limits to 1,900 mg/kg which are below the Closure Criteria of 20,000 mg/kg.

Laboratory analytical results indicate that concentrations of benzene, total BTEX, TPH as GRO/DRO, TPH as GRO/DRO/MRO, and chlorides are below the Closure Criteria of Table I of 19.15.29.12 NMAC for all the excavation confirmation samples. Furthermore, the remediation area, while on-pad and in an area reasonably needed for production operations, is within the upper four feet from the surface and is subject to the reclamation requirements of 19.15.29.13 NMAC.

Laboratory analytical results for the perimeter excavation sidewall confirmation samples (C-13 through C-16) demonstrate compliance with the reclamation requirements and report the following:

- Benzene concentrations are below the laboratory reporting limits which are below the reclamation requirement of 10 mg/kg.

- Total BTEX concentrations are below the laboratory reporting limits which are below the reclamation requirement of 50 mg/kg.
- Total TPH as GRO/DRO/MRO concentrations range from below the laboratory reporting limits to 10 mg/kg which are below the reclamation requirement of 100 mg/kg.
- Chloride concentrations range from below the laboratory reporting limits to 450 mg/kg which are below the reclamation requirement of 600 mg/kg.

Laboratory analytical results for the perimeter excavation confirmation samples demonstrate that the excavation area meets the reclamation requirements for the upper four feet from the surface. Analytical results are summarized in Table 1 and the laboratory report is included in Appendix F. Excavated material was transported for disposal/remediation at Envirotech Landfarm near Hilltop, New Mexico. The excavation area was backfilled with imported, clean earthen material and recontoured to match surrounding grade.

Closure Request

Whiptail requests the closure of the Trunk 2-2 Ext 8 release (nAPP2314434816). Please feel free to contact me with any questions or comments at Heather.Woods@WhiptailMidstream.com or (505) 636-0574.

Sincerely,

Heather M. Woods

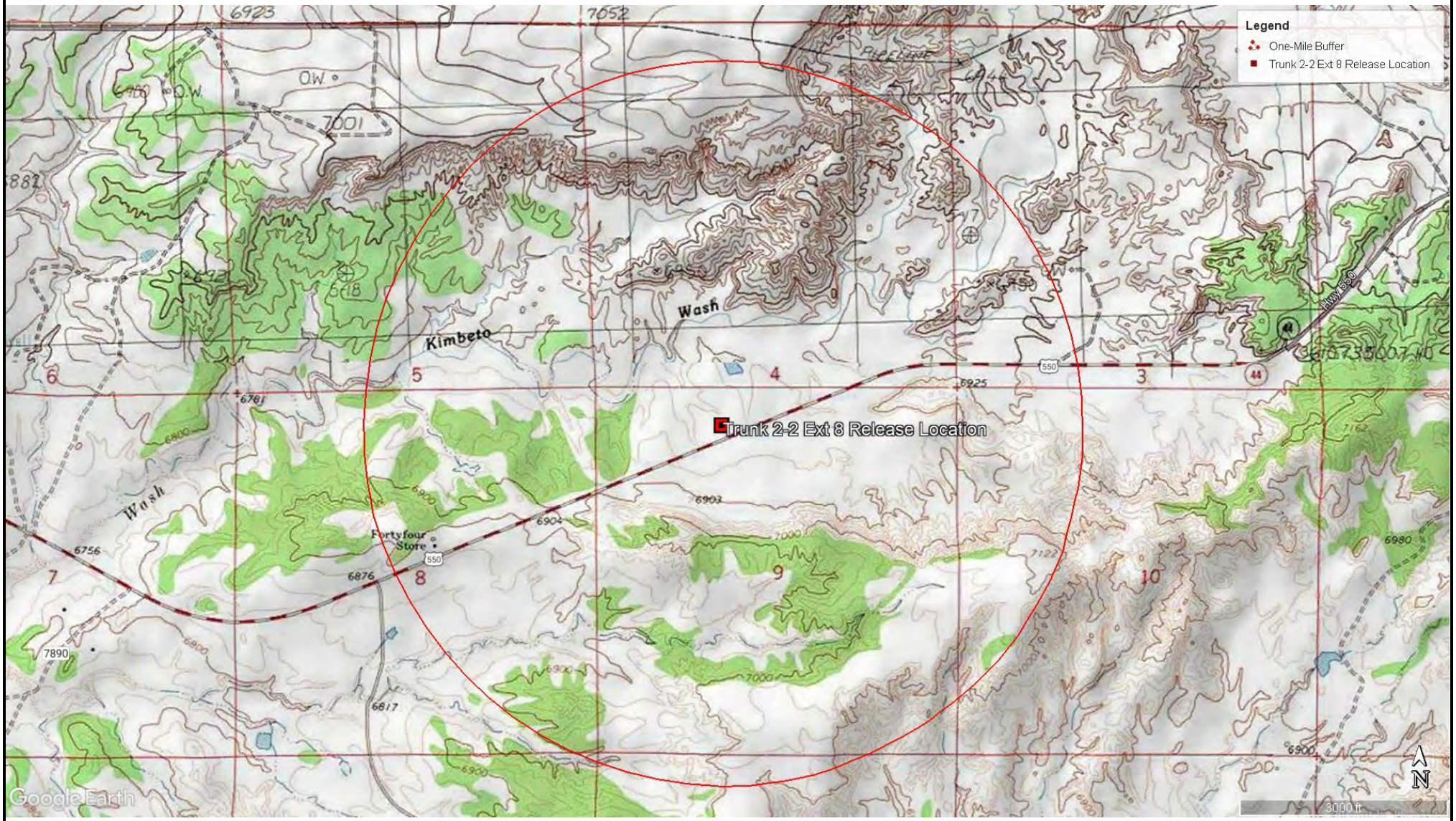
Heather M. Woods, PG
EHS Specialist

Figures:
Figure 1. Topographic Site Map
Figure 2. Aerial Site Map
Figure 3. Test Well Location Map
Figure 4. Sample Location Map

Table:
Table 1. Summary of Laboratory Analytical Results

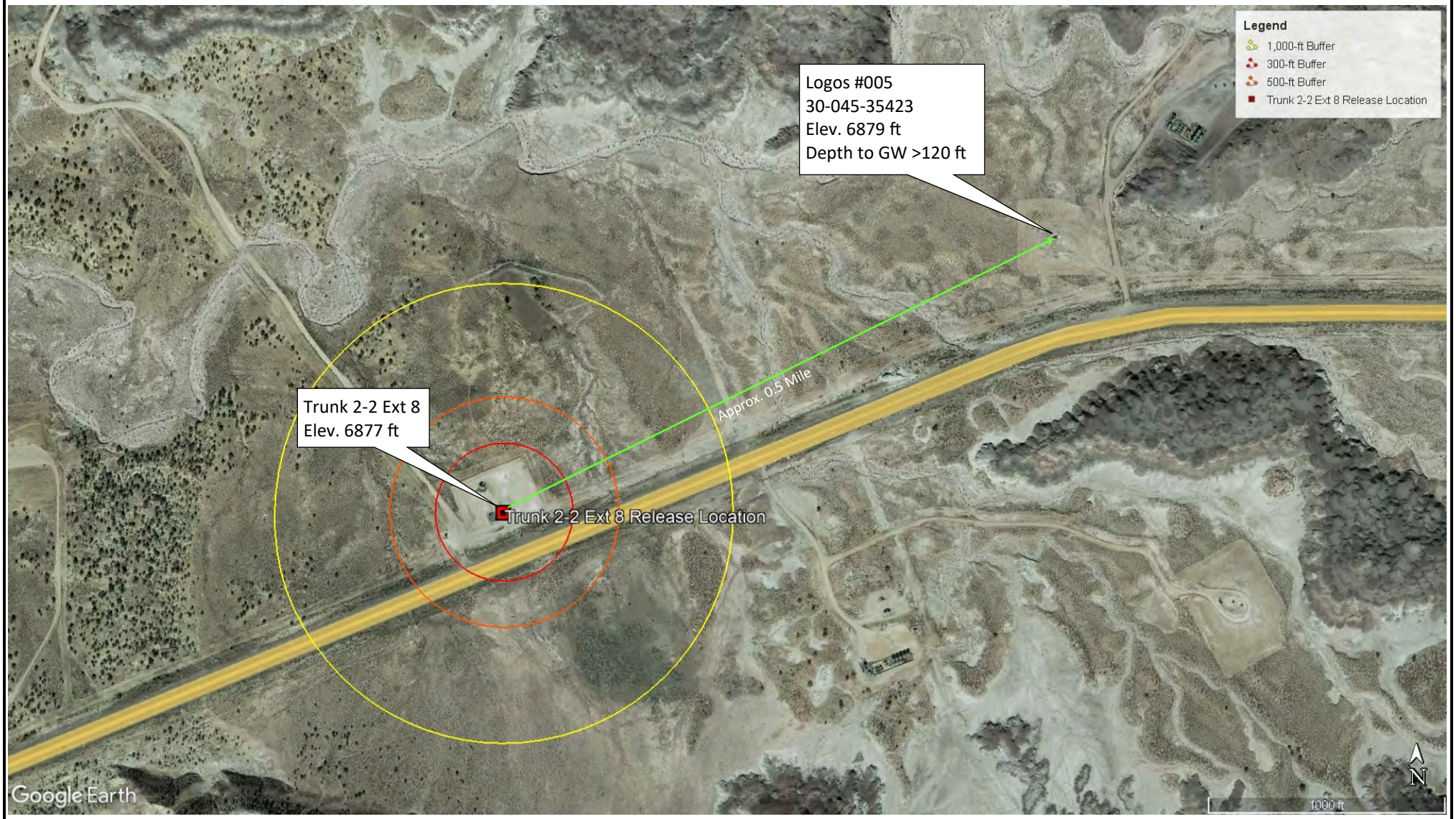
Appendices:
Appendix A: Well Log and NMOSE Registered Water Well Documentation
Appendix B: Wetland Map
Appendix C: Mine Map
Appendix D: Floodplain Map
Appendix E: Photograph Log, Field Notes, and Sampling Notification
Appendix F: Laboratory Analytical Report

Figures

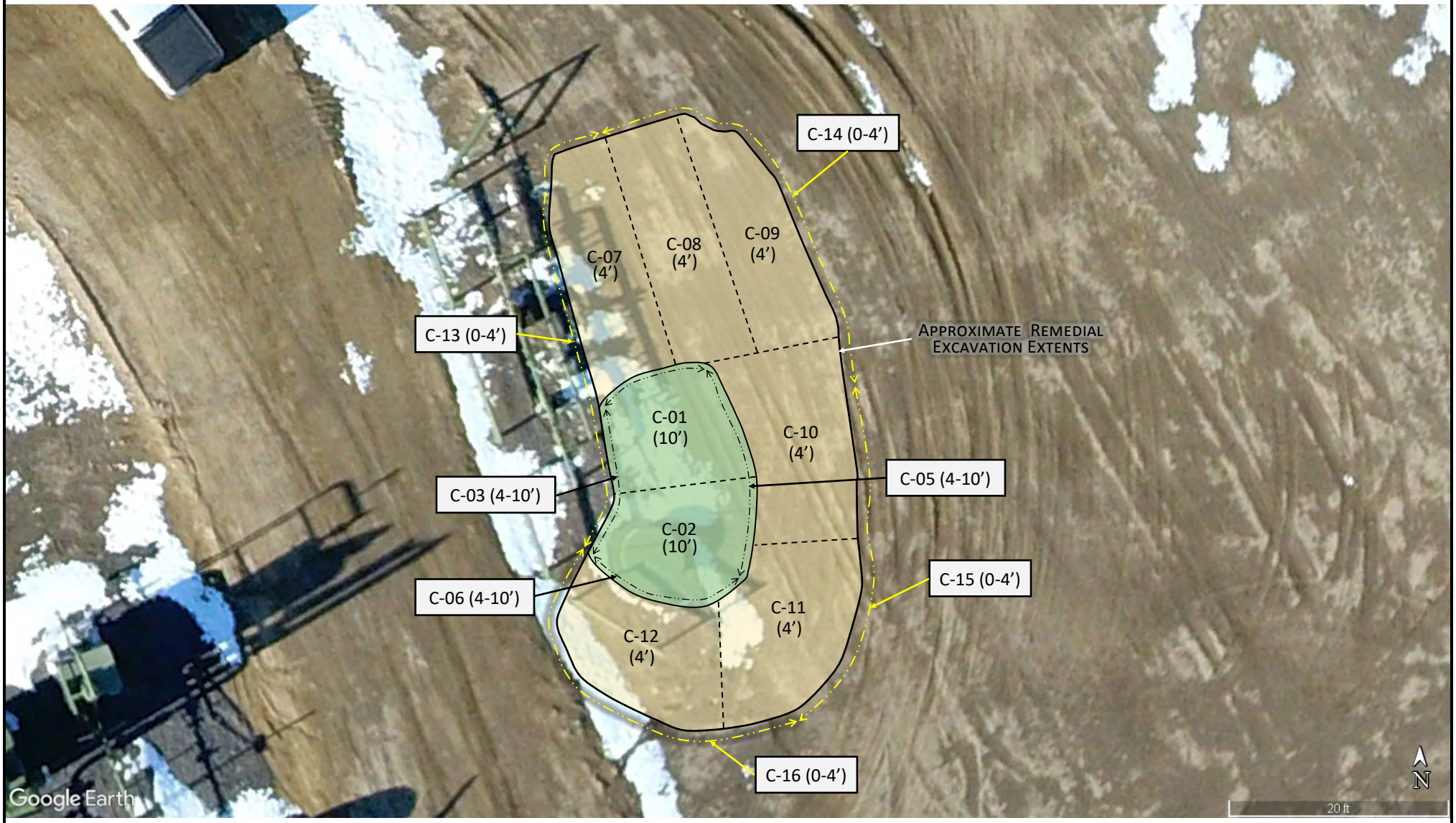


WHIPTAIL MIDSTREAM	Trunk 2-2 Ext 8 Whiptail Midstream, LLC UL C, S09, T23N R08W NMPM San Juan County, New Mexico 36.247517, -107.689448 (NAD 83)	**Figure 1** Topographic Map

WHIPTAIL MIDSTREAM	Trunk 2-2 Ext 8 Whiptail Midstream, LLC UL C, S09, T23N R08W NMPM San Juan County, New Mexico 36.247517, -107.689448 (NAD 83)	**Figure 2** Aerial Site Map



WHIPTAIL MIDSTREAM	Trunk 2-2 Ext 8 Whiptail Midstream, LLC UL C, S09, T23N R08W NMPM San Juan County, New Mexico 36.247517, -107.689448 (NAD 83)	**Figure 3** Test Well Location Map



WHIPTAIL MIDSTREAM

Trunk 2-2 Ext 8

Whiptail Midstream, LLC

UL C, S09, T23N R08W NMPM

San Juan County, New Mexico

36.247517, -107.689448 (NAD 83)

Figure 4

Sample Location Map

Table

Table 1: Summary of Laboratory Analytical Results **Trunk 2-2 Ext 8 Release**

Sample ID	Date	Depth (ft bgs)	Location	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH (GRO) (mg/kg)	TPH (DRO) (mg/kg)	TPH (GRO + DRO) (mg/kg)	TPH (MRO) (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
Closure Criteria (4+ ft)				**10**	**--**	**--**	**--**	**50**	**--**	**--**	**1,000**	**--**	**2,500**	**20,000**
Reclamation Requirement (0 - 4 ft)				**10**	**--**	**--**	**--**	**50**	**--**	**--**	**--**	**--**	**100**	**600**
C-01	5/26/2023	10	Base	<0.018	<0.036	<0.036	<0.071	ND	<3.6	**12**	**12**	<49	**12**	**500**
C-02	5/26/2023	10	Base	<0.017	<0.033	<0.033	<0.066	ND	<3.3	<9.6	ND	<48	ND	**1,100**
C-03	5/26/2023	4 - 10	Wall	<0.020	<0.039	<0.039	<0.078	ND	<3.9	**9.1**	**9.1**	<43	**9.1**	**1,500**
C-04	5/26/2023	4 - 10	Wall	**0.021**	<0.039	<0.039	<0.078	**0.021**	<3.9	**11**	**11**	<48	**11**	**1,900**
C-05	5/26/2023	4 - 10	Wall	<0.020	<0.040	<0.040	<0.079	ND	<4.0	<9.3	ND	<46	ND	**1,800**
C-06	5/26/2023	4 - 10	Wall	<0.021	<0.041	<0.041	<0.083	ND	<4.1	<9.7	ND	<49	ND	**1,700**
C-07	5/26/2023	4	Base	<0.017	<0.035	<0.035	<0.070	ND	<3.5	<9.7	ND	<48	ND	**950**
C-08	5/26/2023	4	Base	<0.017	<0.035	<0.035	<0.069	ND	<3.5	<9.3	ND	<46	ND	**550**
C-09	5/26/2023	4	Base	<0.017	<0.034	<0.034	<0.068	ND	<3.4	**8.7**	**8.7**	<42	**8.7**	<60
C-10	5/26/2023	4	Base	**0.028**	<0.045	<0.045	<0.090	**0.028**	<4.5	<9.5	ND	<47	ND	**270**
C-11	5/26/2023	4	Base	**0.021**	<0.037	<0.037	<0.075	**0.021**	<3.7	<8.5	ND	<42	ND	**480**
C-12	5/26/2023	4	Base	<0.021	<0.042	<0.042	<0.083	ND	<4.2	<9.3	ND	<46	ND	**240**
C-13	5/26/2023	0 - 4	Wall	<0.021	<0.043	<0.043	<0.085	ND	<4.3	<9.2	ND	<46	ND	**450**
C-14	5/26/2023	0 - 4	Wall	<0.018	<0.037	<0.037	<0.074	ND	<3.7	**10**	**10**	<44	**10**	<60
C-15	5/26/2023	0 - 4	Wall	<0.024	<0.049	<0.049	<0.097	ND	<4.9	**9.0**	**9.0**	<45	**9.0**	<60
C-16	5/26/2023	0 - 4	Wall	<0.021	<0.041	<0.041	<0.082	ND	<4.1	**9.9**	**9.9**	<48	**9.9**	<60

Notes:
BTEX - benzene, toluene, ethylbenzene, and xylenes
TPH - total petroleum hydrocarbons
GRO - gasoline range organics
DRO - diesel range organics
MRO - motor oil range organics
ft - feet
bgs - below grade surface
mg/kg - milligram per kilogram
ND - not detectable above laboratory reporting limits
"--" not applicable

Appendix A: Well Log and NMOSE Registered Water Well Documentation

LOGOS RESOURCES LLC

4001 N. Butler Ave, Building 7101
Farmington, NM 87401
Phone: (505) 436-2627
kgraham@logosresourcesllc.com

Date: January 23, 2013

To: Jonathan Kelly, Compliance Officer - NMOCD

Re: Test Hole Results - Logos #5 and Logos #6

Dear Mr. Kelly,

MO-TE Drilling, on behalf of Logos Operating, LLC, has recently completed the drilling of a 120' deep test water hole adjacent to the Logos No. 5 well location in Section 4, T23N, R8W, NMPM. Per NMOCD request, the Logos #5 location was tested January 17, 2013 for groundwater level due to unknown depth to groundwater in the upper Kimbeto Wash. No water was found in the course of drilling the test hole as detailed on the attached drilling report. Based on these results, Logos Operating, LLC requests approval of our previously submitted C-144. Please note that Logos Operating, LLC submits that these results also be used for approval of the C-144 form previously submitted for the Logos #6 well located in Section 8, T23N, R8W, NMPM; as the ground water for this location is also influenced by the same Kimbeto Wash.

Should you have any questions or concerns regarding the information above, or the information contained in the attached report, please contact me at 505-426-2627.

Regards,

Kristy Graham
Director of Administration and Engineering Support
Logos Operating, LLC

MO-TE DRILLING, INC.

DAY Thur

DRILLER Zach M		LEFT TOWN	ARRIVED FIELD
HELPER Bob H.		LEFT FIELD	ARRIVED TOWN
HELPER Tom H.		TOTAL FOOTAGE TODAY	

RIG NO. 207 DATE 1-17-13 CLIENT Logos Operating

BEGIN WORK ON HOLE NO. Logos #5 AT FEET

BEGIN WORK ON HOLE NO. Testhole 6¼ AT FEET

TIME FROM	TIME TO	ACTIVITY
8 45	9 30	Drive to location
9 30	10 00	Rig Up
10 00	10 15	Drill 6¼ from 0' to 65'
10 15	11 15	Trip out wait 1 hour test for water.
11 15	11 30	Drill 6¼ from 65' to 120'
11 30	1 00	Trip out, RDMO. wait 1 hour test for water
[redacted]	[redacted]	back fill hole.
1 00	2 15	Drive back to yard
		NO WATER
		0-10' SAND 50'-60' Shale
		10'-20' [redacted] SAND 60'-70' Shale/Clay
		20'-30' SAND/Clay 70'-80' Shell
		30'-40' Clay 80'-90' Clay
		40'-50' Sandstone/Clay 90'-100' Clay
		100'-110' Standstone/Clay
		110'-120' Sand Clay Mix

BIT RECORD SIZE & MAKE	SERIAL NO.	FOOTAGE

CIRCULATION MATERIAL QUAN.	UNIT	MATERIAL
		Water

1 Day Rig	3500 00
1 Day Supervisor	775 00
Level Meter	100 00
Tax	311 72
Total	4686 72

NO. OF LOADS OF WATER SOURCE

OSE POD Locations Map with 0.5-Mile Buffer

5/24/2023, 12:24:58 PM

OSE District Boundary

NHD Flowlines

Stream River

SiteBoundaries

1:9,028

0 0.07 0.15 0.3 mi

0 0.13 0.25 0.5 km

Esri, HERE, iPC, U.S. Department of Energy Office of Legacy Management, Esri, HERE, Garmin, iPC, Maxar

Web Generated Map
Map is generated by web users.

New Mexico Office of the State Engineer
Water Column/Average Depth to Water

No records found.

PLSS Search:

Section(s): 4, 5, 8, 9 **Township:** 23N **Range:** 08W

Appendix B: Wetland Map

U.S. Fish and Wildlife Service
National Wetlands Inventory

Wetlands and Surface Water Map

May 24, 2023

Wetlands

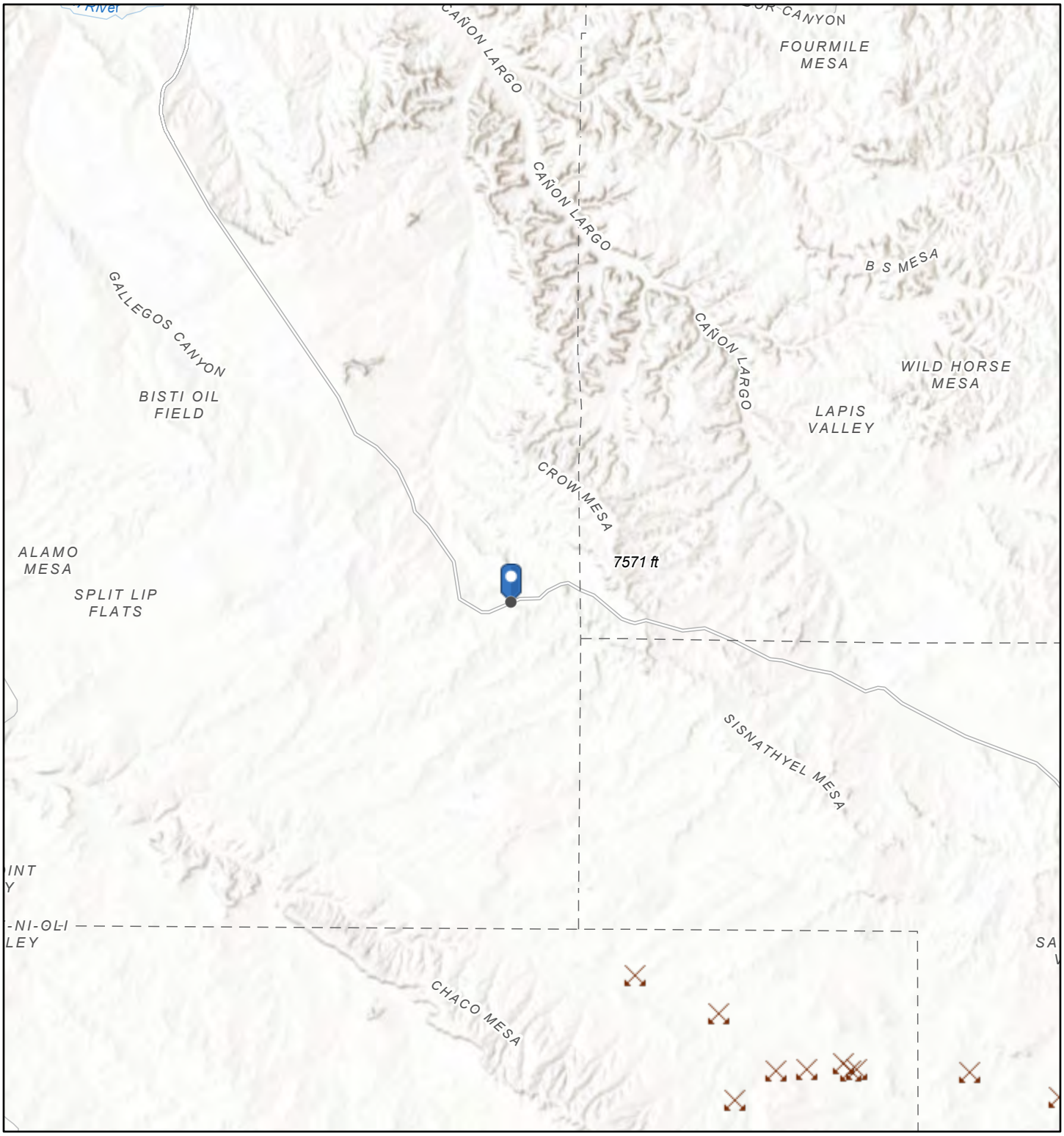
- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

Appendix C: Mine Map

Active Mines in Map



5/24/2023, 2:29:22 PM

1:577,791

0 4 8 16 mi

0 5 10 20 km

Registered Mines

- Aggregate, Stone etc.
- Humate

Esri, CGIAR, USGS, New Mexico State University, San Juan County, NM, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS

EMNRD MMD GIS Coordinator

New Energy, Minerals and Natural Resources Department (http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=1b5e577974664d689b47790897ca2795)

Appendix D: Floodplain Map

National Flood Hazard Layer FIRMette

FEMA

107°41'41"W 36°15'6"N

107°41'3"W 36°14'37"N

0 250 500 1,000 1,500 2,000 Feet

1:6,000

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 5/24/2023 at 4:38 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

Appendix E: Photograph Log, Field Notes, and Sampling Notification

Photograph Log Trunk 2-2 Ext 8 Release

Site: Trunk 2-2 Ext 8	
Incident: nAPP2314434816	
GPS: 36.247517, -107.689488	
Date of Photo: 5/26/2023	
Taken by: Heather Woods	Description: Facing south-southwest, view of final excavation extents.

Site: Trunk 2-2 Ext 8	
Incident: nAPP2314434816	
GPS: 36.247517, -107.689488	
Date of Photo: 5/26/2023	
Taken by: Heather Woods	Description: Facing west-southwest, view of final excavation extents.

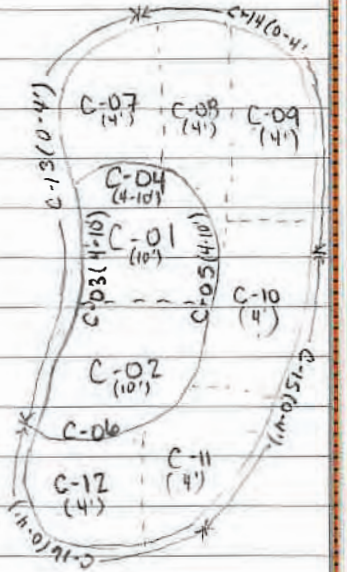
Photograph Log Trunk 2-2 Ext 8 Release

Site: Trunk 2-2 Ext 8	
Incident: nAPP2314434816	
GPS: 36.247517, -107.689488	
Date of Photo: 5/26/2023	
Taken by: Heather Woods	Description: Facing southeast, view of final excavation extents.

Site: Trunk 2-2 Ext 8	
Incident: nAPP2314434816	
GPS: 36.247517, -107.689488	
Date of Photo: 5/26/2023	
Taken by: Heather Woods	Description: Facing east-southeast, view of final excavation extents.

5/26/2023 Trunk 2-2 Ext 8

C-01 (1315)
C-02 (1319)
C-03 (1322)
C-04 (1326)
C-05 (1329)
C-06 (1333)
C-07 (1337)
C-08 (1341)
C-09 (1344)
C-10 (1348)
C-11 (1401)
C-12 (1404)
C-13 (1411)
C-14 (1414)
C-15 (1417)
C-16 (1420)



From: Velez, Nelson, EMNRD
To: Heather Woods
Cc: Sherrie Landon; Abiodun Adeloye
Subject: Re: [EXTERNAL] Request for Variance - Whiptail Trunk 2-2 Ext 8 Sampling Notification
Date: Friday, May 26, 2023 9:16:04 AM

Good morning Heather,

After our discussion this morning, Whiptail's request for a variance toward 19.15.29.12D (1a) to sample today is approved.

If an OCD representative is not on-site on the date &/or time given, please sample per 19.15.29 NMAC. For whatever reason, if the sampling timeframe is altered, please notify the OCD as soon as possible so we may adjust our schedule(s). Failure to notify the OCD of this change may result in the closure sample(s) not being accepted.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

The OCD requires a copy of all correspondence relative to remedial activities be included in all proposals and/or final closure reports. Correspondence required to be included in reports may include, but not limited to, notifications for liner inspections, sample events, spill/release/fire, and request for time extensions or variances.

Regards,

Nelson Velez • Environmental Specialist - Adv
Environmental Bureau | EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87410
(505) 469-6146 | nelson.velez@emnrd.nm.gov
http://www.emnrd.state.nm.us/OCD/

From: Heather Woods <Heather.Woods@whiptailmidstream.com>
Sent: Wednesday, May 24, 2023 6:03 PM
To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Cc: Sherrie Landon <slandon@blm.gov>; Abiodun Adeloye <aadeloye@blm.gov>
Subject: [EXTERNAL] Request for Variance - Whiptail Trunk 2-2 Ext 8 Sampling Notification

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good Afternoon Nelson,

Following the initial excavation for repair, preliminary screening indicate that we may achieve Closure Standards for the excavation at Whiptail's Trunk 2-2 Ext 8 releases (nAPP2314434816) located at 36.247517, -107.689448. I would like to request a variance from the two business day sampling notification requirement and with your concurrence, sample the excavation tomorrow, May 25th, beginning at 12pm. Please let me know if this will be acceptable.

Sherrie and Emmanuel, please also let me know if you have any exception to this and we will postpone the sampling for the two business days.

Many Thanks,
Heather

Heather Woods
Whiptail Midstream
EHS Specialist
(505) 512-9797

Heather Woods
(505) 512-9797

Appendix F: Laboratory Analytical Report

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

June 02, 2023

Heather Woods
Whiptail Midstream
1703 Calder St
Farmington, NM 87401
TEL: (505) 636-0745
FAX:

RE: Trunk 2 2 Ext 8 OrderNo.: 2305E13

Dear Heather Woods:

Hall Environmental Analysis Laboratory received 16 sample(s) on 5/27/2023 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2305E13**
Date Reported: **6/2/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Whiptail Midstream **Client Sample ID:** C-01
Project: Trunk 2 2 Ext 8 **Collection Date:** 5/26/2023 1:15:00 PM
Lab ID: 2305E13-001 **Matrix:** MEOH (SOIL) **Received Date:** 5/27/2023 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**
Diesel Range Organics (DRO)	12	9.7		mg/Kg	1	5/30/2023 10:20:14 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/30/2023 10:20:14 AM
Surr: DNOP	92.9	69-147		%Rec	1	5/30/2023 10:20:14 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	3.6		mg/Kg	1	5/30/2023 3:42:58 PM
Surr: BFB	77.5	15-244		%Rec	1	5/30/2023 3:42:58 PM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.018		mg/Kg	1	5/30/2023 3:42:58 PM
Toluene	ND	0.036		mg/Kg	1	5/30/2023 3:42:58 PM
Ethylbenzene	ND	0.036		mg/Kg	1	5/30/2023 3:42:58 PM
Xylenes, Total	ND	0.071		mg/Kg	1	5/30/2023 3:42:58 PM
Surr: 4-Bromofluorobenzene	81.5	39.1-146		%Rec	1	5/30/2023 3:42:58 PM
EPA METHOD 300.0: ANIONS						Analyst: **SNS**
Chloride	500	60		mg/Kg	20	5/30/2023 11:20:45 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2305E13**
Date Reported: **6/2/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Whiptail Midstream **Client Sample ID:** C-02
Project: Trunk 2 2 Ext 8 **Collection Date:** 5/26/2023 1:19:00 PM
Lab ID: 2305E13-002 **Matrix:** MEOH (SOIL) **Received Date:** 5/27/2023 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	5/30/2023 10:30:50 AM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/30/2023 10:30:50 AM
Surr: DNOP	101	69-147		%Rec	1	5/30/2023 10:30:50 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	3.3		mg/Kg	1	5/30/2023 1:43:58 PM
Surr: BFB	74.7	15-244		%Rec	1	5/30/2023 1:43:58 PM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.017		mg/Kg	1	5/30/2023 1:43:58 PM
Toluene	ND	0.033		mg/Kg	1	5/30/2023 1:43:58 PM
Ethylbenzene	ND	0.033		mg/Kg	1	5/30/2023 1:43:58 PM
Xylenes, Total	ND	0.066		mg/Kg	1	5/30/2023 1:43:58 PM
Surr: 4-Bromofluorobenzene	81.8	39.1-146		%Rec	1	5/30/2023 1:43:58 PM
EPA METHOD 300.0: ANIONS						Analyst: **SNS**
Chloride	1100	60		mg/Kg	20	5/30/2023 11:33:10 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2305E13**
Date Reported: **6/2/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Whiptail Midstream **Client Sample ID:** C-03
Project: Trunk 2 2 Ext 8 **Collection Date:** 5/26/2023 1:22:00 PM
Lab ID: 2305E13-003 **Matrix:** MEOH (SOIL) **Received Date:** 5/27/2023 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**
Diesel Range Organics (DRO)	9.1	8.6		mg/Kg	1	5/30/2023 10:41:26 AM
Motor Oil Range Organics (MRO)	ND	43		mg/Kg	1	5/30/2023 10:41:26 AM
Surr: DNOP	95.7	69-147		%Rec	1	5/30/2023 10:41:26 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	3.9		mg/Kg	1	5/30/2023 2:07:42 PM
Surr: BFB	72.9	15-244		%Rec	1	5/30/2023 2:07:42 PM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.020		mg/Kg	1	5/30/2023 2:07:42 PM
Toluene	ND	0.039		mg/Kg	1	5/30/2023 2:07:42 PM
Ethylbenzene	ND	0.039		mg/Kg	1	5/30/2023 2:07:42 PM
Xylenes, Total	ND	0.078		mg/Kg	1	5/30/2023 2:07:42 PM
Surr: 4-Bromofluorobenzene	81.9	39.1-146		%Rec	1	5/30/2023 2:07:42 PM
EPA METHOD 300.0: ANIONS						Analyst: **SNS**
Chloride	1500	60		mg/Kg	20	5/30/2023 11:45:34 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2305E13**
Date Reported: **6/2/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Whiptail Midstream **Client Sample ID:** C-04
Project: Trunk 2 2 Ext 8 **Collection Date:** 5/26/2023 1:26:00 PM
Lab ID: 2305E13-004 **Matrix:** MEOH (SOIL) **Received Date:** 5/27/2023 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**
Diesel Range Organics (DRO)	11	9.7		mg/Kg	1	5/30/2023 10:52:05 AM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/30/2023 10:52:05 AM
Surr: DNOP	100	69-147		%Rec	1	5/30/2023 10:52:05 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	3.9		mg/Kg	1	5/30/2023 2:31:29 PM
Surr: BFB	76.1	15-244		%Rec	1	5/30/2023 2:31:29 PM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	0.021	0.019		mg/Kg	1	5/30/2023 2:31:29 PM
Toluene	ND	0.039		mg/Kg	1	5/30/2023 2:31:29 PM
Ethylbenzene	ND	0.039		mg/Kg	1	5/30/2023 2:31:29 PM
Xylenes, Total	ND	0.078		mg/Kg	1	5/30/2023 2:31:29 PM
Surr: 4-Bromofluorobenzene	83.1	39.1-146		%Rec	1	5/30/2023 2:31:29 PM
EPA METHOD 300.0: ANIONS						Analyst: **SNS**
Chloride	1900	60		mg/Kg	20	5/30/2023 11:57:58 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2305E13**
Date Reported: **6/2/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Whiptail Midstream **Client Sample ID:** C-05
Project: Trunk 2 2 Ext 8 **Collection Date:** 5/26/2023 1:29:00 PM
Lab ID: 2305E13-005 **Matrix:** MEOH (SOIL) **Received Date:** 5/27/2023 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	5/30/2023 11:02:43 AM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	5/30/2023 11:02:43 AM
Surr: DNOP	100	69-147		%Rec	1	5/30/2023 11:02:43 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	4.0		mg/Kg	1	5/30/2023 2:55:21 PM
Surr: BFB	78.5	15-244		%Rec	1	5/30/2023 2:55:21 PM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.020		mg/Kg	1	5/30/2023 2:55:21 PM
Toluene	ND	0.040		mg/Kg	1	5/30/2023 2:55:21 PM
Ethylbenzene	ND	0.040		mg/Kg	1	5/30/2023 2:55:21 PM
Xylenes, Total	ND	0.079		mg/Kg	1	5/30/2023 2:55:21 PM
Surr: 4-Bromofluorobenzene	83.0	39.1-146		%Rec	1	5/30/2023 2:55:21 PM
EPA METHOD 300.0: ANIONS						Analyst: **SNS**
Chloride	1800	60		mg/Kg	20	5/30/2023 12:10:23 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2305E13**
Date Reported: **6/2/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Whiptail Midstream **Client Sample ID:** C-06
Project: Trunk 2 2 Ext 8 **Collection Date:** 5/26/2023 1:33:00 PM
Lab ID: 2305E13-006 **Matrix:** MEOH (SOIL) **Received Date:** 5/27/2023 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	5/30/2023 11:13:23 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/30/2023 11:13:23 AM
Surr: DNOP	102	69-147		%Rec	1	5/30/2023 11:13:23 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	4.1		mg/Kg	1	5/30/2023 3:19:09 PM
Surr: BFB	89.5	15-244		%Rec	1	5/30/2023 3:19:09 PM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.021		mg/Kg	1	5/30/2023 3:19:09 PM
Toluene	ND	0.041		mg/Kg	1	5/30/2023 3:19:09 PM
Ethylbenzene	ND	0.041		mg/Kg	1	5/30/2023 3:19:09 PM
Xylenes, Total	ND	0.083		mg/Kg	1	5/30/2023 3:19:09 PM
Surr: 4-Bromofluorobenzene	85.7	39.1-146		%Rec	1	5/30/2023 3:19:09 PM
EPA METHOD 300.0: ANIONS						Analyst: **SNS**
Chloride	1700	60		mg/Kg	20	5/30/2023 12:22:47 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2305E13**
Date Reported: **6/2/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Whiptail Midstream **Client Sample ID:** C-07
Project: Trunk 2 2 Ext 8 **Collection Date:** 5/26/2023 1:37:00 PM
Lab ID: 2305E13-007 **Matrix:** MEOH (SOIL) **Received Date:** 5/27/2023 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	5/30/2023 11:24:03 AM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/30/2023 11:24:03 AM
Surr: DNOP	97.7	69-147		%Rec	1	5/30/2023 11:24:03 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **KMN**
Gasoline Range Organics (GRO)	ND	3.5		mg/Kg	1	5/30/2023 2:09:00 PM
Surr: BFB	94.4	15-244		%Rec	1	5/30/2023 2:09:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: **KMN**
Benzene	ND	0.017		mg/Kg	1	5/30/2023 2:09:00 PM
Toluene	ND	0.035		mg/Kg	1	5/30/2023 2:09:00 PM
Ethylbenzene	ND	0.035		mg/Kg	1	5/30/2023 2:09:00 PM
Xylenes, Total	ND	0.070		mg/Kg	1	5/30/2023 2:09:00 PM
Surr: 4-Bromofluorobenzene	89.9	39.1-146		%Rec	1	5/30/2023 2:09:00 PM
EPA METHOD 300.0: ANIONS						Analyst: **SNS**
Chloride	950	60		mg/Kg	20	5/30/2023 12:35:12 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2305E13**
Date Reported: **6/2/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Whiptail Midstream **Client Sample ID:** C-08
Project: Trunk 2 2 Ext 8 **Collection Date:** 5/26/2023 1:41:00 PM
Lab ID: 2305E13-008 **Matrix:** MEOH (SOIL) **Received Date:** 5/27/2023 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	5/30/2023 11:34:43 AM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	5/30/2023 11:34:43 AM
Surr: DNOP	101	69-147		%Rec	1	5/30/2023 11:34:43 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **KMN**
Gasoline Range Organics (GRO)	ND	3.5		mg/Kg	1	5/30/2023 1:47:00 PM
Surr: BFB	96.7	15-244		%Rec	1	5/30/2023 1:47:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: **KMN**
Benzene	ND	0.017		mg/Kg	1	5/30/2023 1:47:00 PM
Toluene	ND	0.035		mg/Kg	1	5/30/2023 1:47:00 PM
Ethylbenzene	ND	0.035		mg/Kg	1	5/30/2023 1:47:00 PM
Xylenes, Total	ND	0.069		mg/Kg	1	5/30/2023 1:47:00 PM
Surr: 4-Bromofluorobenzene	90.2	39.1-146		%Rec	1	5/30/2023 1:47:00 PM
EPA METHOD 300.0: ANIONS						Analyst: **SNS**
Chloride	550	60		mg/Kg	20	5/30/2023 12:47:37 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2305E13**
Date Reported: **6/2/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Whiptail Midstream
Client Sample ID: C-09
Project: Trunk 2 2 Ext 8
Collection Date: 5/26/2023 1:44:00 PM
Lab ID: 2305E13-009
Matrix: MEOH (SOIL)
Received Date: 5/27/2023 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**
Diesel Range Organics (DRO)	8.7	8.4		mg/Kg	1	5/30/2023 11:45:23 AM
Motor Oil Range Organics (MRO)	ND	42		mg/Kg	1	5/30/2023 11:45:23 AM
Surr: DNOP	94.6	69-147		%Rec	1	5/30/2023 11:45:23 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **KMN**
Gasoline Range Organics (GRO)	ND	3.4		mg/Kg	1	5/30/2023 10:54:00 AM
Surr: BFB	87.1	15-244		%Rec	1	5/30/2023 10:54:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: **KMN**
Benzene	ND	0.017		mg/Kg	1	5/30/2023 10:54:00 AM
Toluene	ND	0.034		mg/Kg	1	5/30/2023 10:54:00 AM
Ethylbenzene	ND	0.034		mg/Kg	1	5/30/2023 10:54:00 AM
Xylenes, Total	ND	0.068		mg/Kg	1	5/30/2023 10:54:00 AM
Surr: 4-Bromofluorobenzene	88.2	39.1-146		%Rec	1	5/30/2023 10:54:00 AM
EPA METHOD 300.0: ANIONS						Analyst: **NAI**
Chloride	ND	60		mg/Kg	20	5/30/2023 12:29:55 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2305E13**
Date Reported: **6/2/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Whiptail Midstream **Client Sample ID:** C-10
Project: Trunk 2 2 Ext 8 **Collection Date:** 5/26/2023 1:48:00 PM
Lab ID: 2305E13-010 **Matrix:** MEOH (SOIL) **Received Date:** 5/27/2023 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	5/30/2023 11:56:06 AM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	5/30/2023 11:56:06 AM
Surr: DNOP	97.9	69-147		%Rec	1	5/30/2023 11:56:06 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **KMN**
Gasoline Range Organics (GRO)	ND	4.5		mg/Kg	1	5/30/2023 11:16:00 AM
Surr: BFB	89.3	15-244		%Rec	1	5/30/2023 11:16:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: **KMN**
Benzene	0.028	0.022		mg/Kg	1	5/30/2023 11:16:00 AM
Toluene	ND	0.045		mg/Kg	1	5/30/2023 11:16:00 AM
Ethylbenzene	ND	0.045		mg/Kg	1	5/30/2023 11:16:00 AM
Xylenes, Total	ND	0.090		mg/Kg	1	5/30/2023 11:16:00 AM
Surr: 4-Bromofluorobenzene	87.1	39.1-146		%Rec	1	5/30/2023 11:16:00 AM
EPA METHOD 300.0: ANIONS						Analyst: **NAI**
Chloride	270	60		mg/Kg	20	5/30/2023 12:42:16 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2305E13**
Date Reported: **6/2/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Whiptail Midstream **Client Sample ID:** C-11
Project: Trunk 2 2 Ext 8 **Collection Date:** 5/26/2023 2:01:00 PM
Lab ID: 2305E13-011 **Matrix:** MEOH (SOIL) **Received Date:** 5/27/2023 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**
Diesel Range Organics (DRO)	ND	8.5		mg/Kg	1	5/30/2023 12:06:49 PM
Motor Oil Range Organics (MRO)	ND	42		mg/Kg	1	5/30/2023 12:06:49 PM
Surr: DNOP	100	69-147		%Rec	1	5/30/2023 12:06:49 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **KMN**
Gasoline Range Organics (GRO)	ND	3.7		mg/Kg	1	5/30/2023 11:37:00 AM
Surr: BFB	89.4	15-244		%Rec	1	5/30/2023 11:37:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: **KMN**
Benzene	0.021	0.019		mg/Kg	1	5/30/2023 11:37:00 AM
Toluene	ND	0.037		mg/Kg	1	5/30/2023 11:37:00 AM
Ethylbenzene	ND	0.037		mg/Kg	1	5/30/2023 11:37:00 AM
Xylenes, Total	ND	0.075		mg/Kg	1	5/30/2023 11:37:00 AM
Surr: 4-Bromofluorobenzene	87.0	39.1-146		%Rec	1	5/30/2023 11:37:00 AM
EPA METHOD 300.0: ANIONS						Analyst: **NAI**
Chloride	480	60		mg/Kg	20	5/30/2023 12:54:36 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2305E13**
Date Reported: **6/2/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Whiptail Midstream **Client Sample ID:** C-12
Project: Trunk 2 2 Ext 8 **Collection Date:** 5/26/2023 2:04:00 PM
Lab ID: 2305E13-012 **Matrix:** MEOH (SOIL) **Received Date:** 5/27/2023 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	5/30/2023 12:17:35 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	5/30/2023 12:17:35 PM
Surr: DNOP	96.4	69-147		%Rec	1	5/30/2023 12:17:35 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **KMN**
Gasoline Range Organics (GRO)	ND	4.2		mg/Kg	1	5/30/2023 11:59:00 AM
Surr: BFB	96.1	15-244		%Rec	1	5/30/2023 11:59:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: **KMN**
Benzene	ND	0.021		mg/Kg	1	5/30/2023 11:59:00 AM
Toluene	ND	0.042		mg/Kg	1	5/30/2023 11:59:00 AM
Ethylbenzene	ND	0.042		mg/Kg	1	5/30/2023 11:59:00 AM
Xylenes, Total	ND	0.083		mg/Kg	1	5/30/2023 11:59:00 AM
Surr: 4-Bromofluorobenzene	88.9	39.1-146		%Rec	1	5/30/2023 11:59:00 AM
EPA METHOD 300.0: ANIONS						Analyst: **NAI**
Chloride	240	60		mg/Kg	20	5/30/2023 1:06:57 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2305E13**
Date Reported: **6/2/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Whiptail Midstream **Client Sample ID:** C-13
Project: Trunk 2 2 Ext 8 **Collection Date:** 5/26/2023 2:11:00 PM
Lab ID: 2305E13-013 **Matrix:** MEOH (SOIL) **Received Date:** 5/27/2023 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	5/30/2023 12:28:18 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	5/30/2023 12:28:18 PM
Surr: DNOP	102	69-147		%Rec	1	5/30/2023 12:28:18 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **KMN**
Gasoline Range Organics (GRO)	ND	4.3		mg/Kg	1	5/30/2023 12:21:00 PM
Surr: BFB	89.9	15-244		%Rec	1	5/30/2023 12:21:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: **KMN**
Benzene	ND	0.021		mg/Kg	1	5/30/2023 12:21:00 PM
Toluene	ND	0.043		mg/Kg	1	5/30/2023 12:21:00 PM
Ethylbenzene	ND	0.043		mg/Kg	1	5/30/2023 12:21:00 PM
Xylenes, Total	ND	0.085		mg/Kg	1	5/30/2023 12:21:00 PM
Surr: 4-Bromofluorobenzene	88.1	39.1-146		%Rec	1	5/30/2023 12:21:00 PM
EPA METHOD 300.0: ANIONS						Analyst: **NAI**
Chloride	450	60		mg/Kg	20	5/30/2023 1:19:18 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix
E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
P	Sample pH Not In Range
PQL	Practical Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.

Analytical Report
Lab Order **2305E13**
Date Reported: **6/2/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Whiptail Midstream **Client Sample ID:** C-14
Project: Trunk 2 2 Ext 8 **Collection Date:** 5/26/2023 2:14:00 PM
Lab ID: 2305E13-014 **Matrix:** MEOH (SOIL) **Received Date:** 5/27/2023 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**
Diesel Range Organics (DRO)	10	8.8		mg/Kg	1	5/30/2023 12:39:06 PM
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	5/30/2023 12:39:06 PM
Surr: DNOP	96.9	69-147		%Rec	1	5/30/2023 12:39:06 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **KMN**
Gasoline Range Organics (GRO)	ND	3.7		mg/Kg	1	5/30/2023 12:42:00 PM
Surr: BFB	88.1	15-244		%Rec	1	5/30/2023 12:42:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: **KMN**
Benzene	ND	0.018		mg/Kg	1	5/30/2023 12:42:00 PM
Toluene	ND	0.037		mg/Kg	1	5/30/2023 12:42:00 PM
Ethylbenzene	ND	0.037		mg/Kg	1	5/30/2023 12:42:00 PM
Xylenes, Total	ND	0.074		mg/Kg	1	5/30/2023 12:42:00 PM
Surr: 4-Bromofluorobenzene	87.5	39.1-146		%Rec	1	5/30/2023 12:42:00 PM
EPA METHOD 300.0: ANIONS						Analyst: **NAI**
Chloride	ND	60		mg/Kg	20	5/30/2023 1:31:38 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2305E13**
Date Reported: **6/2/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Whiptail Midstream **Client Sample ID:** C-15
Project: Trunk 2 2 Ext 8 **Collection Date:** 5/26/2023 2:17:00 PM
Lab ID: 2305E13-015 **Matrix:** MEOH (SOIL) **Received Date:** 5/27/2023 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**
Diesel Range Organics (DRO)	9.0	9.0		mg/Kg	1	5/30/2023 12:49:50 PM
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	5/30/2023 12:49:50 PM
Surr: DNOP	88.8	69-147		%Rec	1	5/30/2023 12:49:50 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **KMN**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/30/2023 1:04:00 PM
Surr: BFB	92.0	15-244		%Rec	1	5/30/2023 1:04:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: **KMN**
Benzene	ND	0.024		mg/Kg	1	5/30/2023 1:04:00 PM
Toluene	ND	0.049		mg/Kg	1	5/30/2023 1:04:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	5/30/2023 1:04:00 PM
Xylenes, Total	ND	0.097		mg/Kg	1	5/30/2023 1:04:00 PM
Surr: 4-Bromofluorobenzene	87.8	39.1-146		%Rec	1	5/30/2023 1:04:00 PM
EPA METHOD 300.0: ANIONS						Analyst: **NAI**
Chloride	ND	60		mg/Kg	20	5/30/2023 1:43:58 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2305E13**
Date Reported: **6/2/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Whiptail Midstream **Client Sample ID:** C-16
Project: Trunk 2 2 Ext 8 **Collection Date:** 5/26/2023 2:20:00 PM
Lab ID: 2305E13-016 **Matrix:** MEOH (SOIL) **Received Date:** 5/27/2023 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**
Diesel Range Organics (DRO)	9.9	9.6		mg/Kg	1	5/30/2023 1:01:06 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/30/2023 1:01:06 PM
Surr: DNOP	99.6	69-147		%Rec	1	5/30/2023 1:01:06 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **KMN**
Gasoline Range Organics (GRO)	ND	4.1		mg/Kg	1	5/30/2023 1:26:00 PM
Surr: BFB	89.7	15-244		%Rec	1	5/30/2023 1:26:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: **KMN**
Benzene	ND	0.021		mg/Kg	1	5/30/2023 1:26:00 PM
Toluene	ND	0.041		mg/Kg	1	5/30/2023 1:26:00 PM
Ethylbenzene	ND	0.041		mg/Kg	1	5/30/2023 1:26:00 PM
Xylenes, Total	ND	0.082		mg/Kg	1	5/30/2023 1:26:00 PM
Surr: 4-Bromofluorobenzene	86.9	39.1-146		%Rec	1	5/30/2023 1:26:00 PM
EPA METHOD 300.0: ANIONS						Analyst: **NAI**
Chloride	ND	60		mg/Kg	20	5/30/2023 1:56:18 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2305E13**

02-Jun-23

Client: Whiptail Midstream

Project: Trunk 2 2 Ext 8

Sample ID: **MB-75237**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBS**	Batch ID: **75237**	RunNo: **97086**
Prep Date: **5/30/2023**	Analysis Date: **5/30/2023**	SeqNo: **3525405** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-75237**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSS**	Batch ID: **75237**	RunNo: **97086**
Prep Date: **5/30/2023**	Analysis Date: **5/30/2023**	SeqNo: **3525407** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.6	90	110			

Sample ID: **MB-75232**	SampType: **MBLK**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBS**	Batch ID: **75232**	RunNo: **97085**
Prep Date: **5/30/2023**	Analysis Date: **5/30/2023**	SeqNo: **3525526** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-75232**	SampType: **LCS**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSS**	Batch ID: **75232**	RunNo: **97085**
Prep Date: **5/30/2023**	Analysis Date: **5/30/2023**	SeqNo: **3525528** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.2	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2305E13**

02-Jun-23

Client: Whiptail Midstream

Project: Trunk 2 2 Ext 8

Sample ID: **LCS-75224**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **75224**	RunNo: **97083**
Prep Date: **5/30/2023**	Analysis Date: **5/30/2023**	SeqNo: **3524304** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	50	10	50.00	0	99.4	61.9	130			
Surr: DNOP	4.1		5.000		82.4	69	147			

Sample ID: **MB-75224**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **75224**	RunNo: **97083**
Prep Date: **5/30/2023**	Analysis Date: **5/30/2023**	SeqNo: **3524305** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.4		10.00		94.4	69	147			

Sample ID: **2305E13-001AMS**	SampType: **MS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **C-01**	Batch ID: **75224**	RunNo: **97083**
Prep Date: **5/30/2023**	Analysis Date: **5/30/2023**	SeqNo: **3524869** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	41	8.9	44.29	11.73	66.9	54.2	135			
Surr: DNOP	4.1		4.429		93.6	69	147			

Sample ID: **2305E13-001AMSD**	SampType: **MSD**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **C-01**	Batch ID: **75224**	RunNo: **97083**
Prep Date: **5/30/2023**	Analysis Date: **5/30/2023**	SeqNo: **3524870** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	9.2	45.79	11.73	77.9	54.2	135	13.6	29.2	
Surr: DNOP	4.8		4.579		105	69	147	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2305E13**

02-Jun-23

Client: Whiptail Midstream

Project: Trunk 2 2 Ext 8

Sample ID: **2.5ug gro lcs**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **R97082**	RunNo: **97082**
Prep Date:	Analysis Date: **5/30/2023**	SeqNo: **3524272** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	96.0	70	130			
Surr: BFB	2200		1000		216	15	244			

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **R97082**	RunNo: **97082**
Prep Date:	Analysis Date: **5/30/2023**	SeqNo: **3524273** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	990		1000		98.6	15	244			

Sample ID: **2.5ug gro lcs**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **GS97084**	RunNo: **97084**
Prep Date:	Analysis Date: **5/30/2023**	SeqNo: **3524309** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	95.2	70	130			
Surr: BFB	4900		1000		487	15	244			S

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **GS97084**	RunNo: **97084**
Prep Date:	Analysis Date: **5/30/2023**	SeqNo: **3524310** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	790		1000		79.1	15	244			

Sample ID: **2305E13-009ams**	SampType: **MS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **C-09**	Batch ID: **R97082**	RunNo: **97082**
Prep Date:	Analysis Date: **5/30/2023**	SeqNo: **3524883** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	15	3.4	16.92	0	87.5	70	130			
Surr: BFB	1300		677.0		192	15	244			

Sample ID: **2305E13-009amsd**	SampType: **MSD**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **C-09**	Batch ID: **R97082**	RunNo: **97082**
Prep Date:	Analysis Date: **5/30/2023**	SeqNo: **3524884** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2305E13**

02-Jun-23

Client: Whiptail Midstream

Project: Trunk 2 2 Ext 8

Sample ID: **2305E13-009amsd**	SampType: **MSD**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **C-09**	Batch ID: **R97082**	RunNo: **97082**
Prep Date:	Analysis Date: **5/30/2023**	SeqNo: **3524884** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	15	3.4	16.92	0	86.4	70	130	1.24	20	
Surr: BFB	1300		677.0		189	15	244	0	0	

Sample ID: **2305e13-001ams**	SampType: **MS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **C-01**	Batch ID: **GS97084**	RunNo: **97084**
Prep Date:	Analysis Date: **5/30/2023**	SeqNo: **3524965** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	16	3.6	17.82	0	91.7	70	130			
Surr: BFB	3400		712.8		482	15	244			S

Sample ID: **2305e13-001amsd**	SampType: **MSD**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **C-01**	Batch ID: **R97084**	RunNo: **97084**
Prep Date:	Analysis Date: **5/30/2023**	SeqNo: **3524966** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	3400		712.8		475	15	244	0	0	S

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2305E13**

02-Jun-23

Client: Whiptail Midstream

Project: Trunk 2 2 Ext 8

Sample ID: **100ng btex lcs**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **R97082**	RunNo: **97082**
Prep Date:	Analysis Date: **5/30/2023**	SeqNo: **3524280** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	1.000	0	103	70	130			
Toluene	1.0	0.050	1.000	0	104	70	130			
Ethylbenzene	1.0	0.050	1.000	0	103	70	130			
Xylenes, Total	3.1	0.10	3.000	0	104	70	130			
Surr: 4-Bromofluorobenzene	0.97		1.000		96.9	39.1	146			

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **R97082**	RunNo: **97082**
Prep Date:	Analysis Date: **5/30/2023**	SeqNo: **3524281** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.95		1.000		94.8	39.1	146			

Sample ID: **100ng btex lcsii**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **R97084**	RunNo: **97084**
Prep Date:	Analysis Date: **5/30/2023**	SeqNo: **3524313** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.82	0.025	1.000	0	81.8	70	130			
Toluene	0.84	0.050	1.000	0	84.2	70	130			
Ethylbenzene	0.85	0.050	1.000	0	85.2	70	130			
Xylenes, Total	2.6	0.10	3.000	0	85.5	70	130			
Surr: 4-Bromofluorobenzene	0.85		1.000		85.1	39.1	146			

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **R97084**	RunNo: **97084**
Prep Date:	Analysis Date: **5/30/2023**	SeqNo: **3524314** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.84		1.000		84.4	39.1	146			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2305E13**

02-Jun-23

Client: Whiptail Midstream

Project: Trunk 2 2 Ext 8

Sample ID: **2305E13-010ams**	SampType: **MS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **C-10**	Batch ID: **R97082**	RunNo: **97082**
Prep Date:	Analysis Date: **5/30/2023**	SeqNo: **3524909** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.79	0.022	0.8953	0.02821	85.5	70	130			
Toluene	0.80	0.045	0.8953	0.04222	84.4	70	130			
Ethylbenzene	0.75	0.045	0.8953	0	84.2	70	130			
Xylenes, Total	2.2	0.090	2.686	0	83.5	70	130			
Surr: 4-Bromofluorobenzene	0.81		0.8953		90.0	39.1	146			

Sample ID: **2305E13-010amsd**	SampType: **MSD**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **C-10**	Batch ID: **R97082**	RunNo: **97082**
Prep Date:	Analysis Date: **5/30/2023**	SeqNo: **3524910** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.75	0.022	0.8953	0.02821	80.2	70	130	6.17	20	
Toluene	0.76	0.045	0.8953	0.04222	79.9	70	130	5.21	20	
Ethylbenzene	0.71	0.045	0.8953	0	79.6	70	130	5.55	20	
Xylenes, Total	2.1	0.090	2.686	0	79.3	70	130	5.17	20	
Surr: 4-Bromofluorobenzene	0.78		0.8953		87.4	39.1	146	0	0	

Sample ID: **2305e13-002ams**	SampType: **MS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **C-02**	Batch ID: **R97084**	RunNo: **97084**
Prep Date:	Analysis Date: **5/30/2023**	SeqNo: **3524967** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.51	0.017	0.6649	0.01177	75.2	70	130			
Toluene	0.53	0.033	0.6649	0.01230	77.9	70	130			
Ethylbenzene	0.53	0.033	0.6649	0	80.1	70	130			
Xylenes, Total	1.6	0.066	1.995	0.03005	78.2	70	130			
Surr: 4-Bromofluorobenzene	0.55		0.6649		82.6	39.1	146			

Sample ID: **2305e13-002amsd**	SampType: **MSD**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **C-02**	Batch ID: **R97084**	RunNo: **97084**
Prep Date:	Analysis Date: **5/30/2023**	SeqNo: **3524968** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.49	0.017	0.6649	0.01177	71.5	70	130	4.98	20	
Toluene	0.50	0.033	0.6649	0.01230	74.0	70	130	4.98	20	
Ethylbenzene	0.51	0.033	0.6649	0	77.3	70	130	3.58	20	
Xylenes, Total	1.6	0.066	1.995	0.03005	76.5	70	130	2.13	20	
Surr: 4-Bromofluorobenzene	0.56		0.6649		84.8	39.1	146	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2305E13**

02-Jun-23

Client: Whiptail Midstream

Project: Trunk 2 2 Ext 8

Sample ID: **100ng btex lcs-ii**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **R97084**	RunNo: **97084**
Prep Date:	Analysis Date: **5/30/2023**	SeqNo: **3524980** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.78	0.025	1.000	0	78.0	70	130			
Toluene	0.81	0.050	1.000	0	81.1	70	130			
Ethylbenzene	0.82	0.050	1.000	0	81.8	70	130			
Xylenes, Total	2.4	0.10	3.000	0	81.3	70	130			
Surr: 4-Bromofluorobenzene	0.85		1.000		84.6	39.1	146			

Sample ID: **mb-ii**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **R97084**	RunNo: **97084**
Prep Date:	Analysis Date: **5/30/2023**	SeqNo: **3524982** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.80		1.000		80.0	39.1	146			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: Whiptail Midstream | Work Order Number: 2305E13 | RcptNo: 1

Received By: Tracy Casarrubias 5/27/2023 9:00:00 AM

Completed By: Tracy Casarrubias 5/27/2023 9:42:42 AM

Reviewed By: JN 5/30/23

Chain of Custody

1. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2. How was the sample delivered?	Courier		

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes ☐	No ☐	NA ☑
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	

# of preserved bottles checked for pH: _____ (<2 or >12 unless noted)

Adjusted? _____

Checked by: TMC 5/27/23

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	5.8	Good	Yes	Yogi		

Chain-of-Custody Record

Client: Whitetail Midstream

Mailing Address: 1703 Calder Street
Farmington, NM 87401

Phone #: (505) 636-0574

email or Fax#: Heather.Woods@whitetailmidstream.com

QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: ~~5-Day TAT~~ CJ
☐ Standard ☒ Rush Same Day

Project Name: Trunk 2-2 Ext B

Project #:

Project Manager: Heather Woods

Sampler: Heather Woods

On Ice: ☒ Yes ☐ No yogi

# of Coolers: 1 2 ~~3~~

Cooler Temp(Including CF): 6.0 - 0.2 = 5.8 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2305E13	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	(Cl, F, Br, NO_3, NO_2, PO_4, SO_4) ~~300.0~~ CJ	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
5/26/23	1315	S	C-01	(1) 40z Glass	Non	001	X	X					X			
5/26/23	1319	S	C-02			002	X	X					X			
5/26/23	1322	S	C-03			003	X	X					X			
5/26/23	1326	S	C-04			004	X	X					X			
5/26/23	1329	S	C-05			005	X	X					X			
5/26/23	1333	S	C-06			006	X	X					X			
5/26/23	1337	S	C-07			007	X	X					X			
5/26/23	1341	S	C-08			008	X	X					X			
5/26/23	1344	S	C-09			009	X	X					X			
5/26/23	1348	S	C-10			010	X	X					X			
5/26/23	1401	S	C-11			011	X	X					X			
5/26/23	1404	S	C-12			012	X	X					X			

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
5/26/23	1624	Heath M. Wa	Cht Wa		5/26/23	1624
5/26/23	1736			Courier	5/27/23	9:00

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Chain-of-Custody Record

Client: Whiptail Midstream

Mailing Address: 1703 Calder Street
Farmington, NM 87401

Phone #: (505) 636-0574

email or Fax#: Heather.Woods@whiptailmidstream.com

QA/QC Package:
☑ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☐ Standard ☒ Rush Same Day

Project Name:
Trunk 2-2 Ext B

Project #:

Project Manager:
Heather Woods

Sampler: Heather Woods
On Ice: ☒ Yes ☐ No from 40g
# of Coolers: ~~2~~ 2.1 - 0.2 = 1.9
Cooler Temp(including CF): 6.0 - 0.2 = 5.8 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2305E13	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, ~~Br~~, ~~NO3~~, NO2, PO4, SO4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
5/26/23	1411	S	C-13	(1) 4oz Glass	Non	013	X	X					X			
5/26/23	1414	S	C-14	↓	↓	014	↓	↓					↓			
5/26/23	1417	S	C-15	↓	↓	015	↓	↓					↓			
5/26/23	1420	S	C-16	↓	↓	016	↓						↓			

NFS DW

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
5/26/23	1624	Heather M. Woods	[illegible]		5/26/23	1624
5/26/23	1736	[illegible]	[illegible]	courier	5/27/23	9:00

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

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

Operator: Whiptail Midstream LLC 15 West 6th Street Tulsa, OK 74119	OGRID: 373240
	Action Number: 249689
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	11/8/2023