Form C-141 Page 5

State of New Mexico Oil Conservation Division

Incident ID	nAPP2213330681
District RP	
Facility ID	
Application ID	

Page 1 of 63

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

 \square 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: Amber Groves 7	Title:Remediation Specialist
Signature:	Date: 118 2022
email:agroves@durangomidstream.com	Telephone:575-703-7992
OCD Only	
Received by:	Date:
Closure approval by the OCD does not relieve the responsible party remediate contamination that poses a threat to groundwater, surface party of compliance with any other federal, state, or local laws and/	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible /or regulations.
Closure Approved by:	Date: 10/12/2022
Printed Name: Jennifer Nobui	Title: Environmental Specialist A

\\SD

WSP USA

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

Table of Contents

RELEASE BACKGROUND	2
Site Location	
Release Information	
SITE CHARACTERIZATION	3
Site Receptors	
CLOSURE CRITERIA	3
SITE ASSESSMENT AND DELINEATION ACTIVITIES	3
EXCAVATION ACTIVITIES AND ANALYTICAL RESULTS	4
CLOSURE REQUEST	5
Attachments:	6
• Figure 1A, 1B, 1C	

- Figure 2
- Figure 3
- Table
- Well Records
- Photo Logs
- Lab Data
- Excavation Field Notes
- Initial C-141



District II Page 2

August 9, 2022

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

RE: Closure Request Arco 5 Fed # 1 Incident Number nAPP2213330681 Eddy County, New Mexico

To Whom it May Concern:

WSP USA Inc. (WSP) on behalf of Frontier Field Services, LLC (Frontier), presents the following Closure Request detailing the site assessment, excavation, and soil sampling activities performed at the Arco 5 Fed # 1 (32.78145, -103.90131) (Site) in Unit A, Section 6, Township 18 South, Range 31 East, in Eddy County, New Mexico (Figure 1). This Site resides on federal land which is managed by the Bureau of Land Management (BLM). The purpose of this site assessment, excavation and soil sampling was to address impacts to soil following the release of natural gas from an internally and externally corroded pipeline at the Site. Based on the excavation activities and soil sample laboratory analytical results, Frontier is submitting this Closure Request, describing remediation that has occurred and requesting no further action (NFA) for Incident Number nAPP2213330681.

RELEASE BACKGROUND

On May 12, 2022, internal and external corrosion of a pipeline resulted in the release of 56.64 thousand cubic feet (Mcf) of natural gas. Frontier field services, the owner and operator of the Site, reported the release to the New Mexico Oil Conservation Division (NMOCD) on a Release notification Form C-141 on May 12, 2022 (Attachment 5). The release was assigned incident Number nAPP2213330681.

Following the release, initial excavation of impacted soil (via visual observation) was undertaken by a third party contracted by Frontier. The impacted soil was transported and properly disposed of at the Lea Land Landfill Facility under Frontier-approved manifests. After the completion of initial excavation activities, the excavated area was secured with fencing. vsp

District II Page 3

SITE CHARACTERIZATION

WSP characterized the site according to Table 1, *Closure Criteria for Soils Impacted by a Release*, of Title 19, Chapter 15, Part 29, Section 12 (19.15.29.12) of the New Mexico Administrative Code (NMAC). Depth to groundwater at the site is estimated to be over 100 feet below ground surface (bgs) based on the nearest United States Geological Survey (USGS) well 324405103565801, which is located approximately 23,497 feet southwest of the site. The USGS water well has a reported depth to groundwater of 277 feet bgs and an unknown total depth. The referenced well record is included in Attachment 1.

The closest continuously flowing or significant watercourse to the site is an intermittent riverine, located approximately 1,660 feet northwest of the site. The site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland (Figure 1C). The site is greater than 1,000 feet away from a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine (Figure 1B). The site is likely not underlain by unstable geology (low potential karst designation area). Site receptors are identified on Figure 1A.

CLOSURE CRITERIA

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

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

A reclamation closure criterion of 600 mg/kg chloride and 100 mg/kg TPH was applied to the top four feet of the subsurface, per NMAC 19.15.29.13.D (1) for the top four feet of areas that will be reclaimed following remediation.

SITE ASSESSMENT AND DELINEATION ACTIVITIES

On June 9, 2022, WSP personnel visited the site to evaluate the release extent and subsequent excavation activities that were overseen by Frontier, based on information provided on the Form C-141 and visual observations. Three preliminary surface samples SS01 - SS03 (Figure 2) were collected outside the excavation extent at a depth of 0.5 feet bgs to assess the lateral extent of impacted soil. WSP also collected four initial 5-point composite soil samples at the locations of FS01, FS02, SW01 and SW02 (shown on Figure 3) at depths ranging from 0 - 4 feet bgs to determine if additional remediation of impacted soil was warranted. These soil samples were then field screened for volatile aromatic hydrocarbons and chloride utilizing a calibrated photo-

vsp

District II Page 4

ionization detector (PID) and Hach[®] chloride QuanTab[®] test strips, respectively. Based on visual observations and field screening activities, further excavation activities were warranted to remove additional impacted soil. These initial composite soil samples collected by WSP were not submitted for laboratory analysis.

EXCAVATION ACTIVITIES AND ANALYTICAL RESULTS

On June 16, 2022, WSP personnel returned to the site to observe further removal of impacted soil from the release area as indicated by visible staining and previous field screening activities. WSP began by collecting a fourth preliminary surface sample (SS04) at the location shown on Figure 2. Excavation activities were performed using a backhoe and transport vehicle. To direct excavation activities, WSP screened soil for volatile aromatic hydrocarbons and chloride utilizing a PID and Hach[®] chloride QuanTab[®] test strips, respectively. These field screenings are included in Attachment 4.

Following removal of impacted soil, WSP collected a total of four 5-point composite samples from every 200 square feet from the floor and sidewalls of the final excavation extent. The 5-point composite samples were collected by placing five equivalent aliquots of soil into a 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing. Floor composite soil sample FS01 was collected at a depth of 5.5 feet bgs and floor composite soil sample FS02 was collected at a depth of 7 feet bgs. Sidewall soil samples SW01 and SW02 were collected at depths ranging from 0 to 7 feet bgs. The final excavation extent and 5-point composite confirmation soil sample locations are presented in Figure 3. Photographic documentation was completed during WSP excavation activities, and a photographic log is included in Attachment 2.

The excavation area measured approximately 340 square feet in lateral extent at depths ranging from 5.5 to 7 feet bgs. A total of approximately 87 cubic yards of impacted soil was removed during excavation activities. The impacted soil was transported and properly disposed of at the Lea Land disposal in Carlsbad, New Mexico. Manifests pertaining to contaminated soil disposal can be made available upon request. Following the completion of confirmation sampling, the excavation area was backfilled and recontoured to match preexisting conditions. The Site will be reseeded with a BLM approved seed mixture (BLM seed mix #2) and approved BLM seeding rates. Re-seeding will be performed in the fall or early spring to take advantage of seasonal moisture, with the end goal of establishing revegetation consistent with local natural vegetation density.

Laboratory analytical results for excavation soil sample FS01 was non-detectable (ND) for benzene, BTEX, chloride and contained 61.4 mg/kg of TPH. FS02 was ND for benzene, BTEX, chloride and contained 29 mg/kg of TPH. SW01 was ND for benzene, BTEX, chloride and contained 71.1 mg/kg of TPH and SW02 was ND for benzene, BTEX, chloride and contained 82.6 mg/kg of TPH. Therefore, laboratory analytical results for confirmation soil samples indicated

NSP

District II Page 5

that benzene (10 mg/kg), BTEX (50 mg/kg), TPH (100 mg/kg), and chloride (600 mg/kg) concentrations were compliant with the Closure Criteria. Laboratory analytical results are summarized in Table 1 and the complete laboratory analytical reports are included as Attachment 3.

CLOSURE REQUEST

WSP, on behalf of Frontier, conducted site assessment and excavation activities to address the May 12, 2022 release of natural gas at the Site. Laboratory analytical results for the excavation soil samples, collected from the final excavation extent, indicated that benzene, BTEX, TPH, and chloride concentrations are compliant with the most stringent Table 1 Closure Criteria and no further remediation is required. Frontier backfilled the excavation with locally sourced non-waste containing material, recontoured the Site to match pre-existing conditions, and will re-seed the disturbance area in the fall or spring based on BLM guidelines.

Initial response efforts and excavation of impacted soil have mitigated impacts at the site. Depth to groundwater has been determined to be greater than 100 feet bgs and no other sensitive receptors were identified near the release extent. WSP and Frontier believes these remedial actions are protective of human health, the environment, and groundwater. As such, Frontier respectfully requests no further action for incident number nAPP2213330681.

If you have any questions or comments, please do not hesitate to contact Mr. Michael J. Bombard, PG, CHG at (916) 521-9059.

Sincerely,

WSP USA Inc.

Mercy Rotich Assistant Consultant, Geologist

Michael J. Bombard, PG, CHG Senior Lead Consultant, Hydrogeologist

cc:

Bureau of Land Management

vsp

District II Page 6

Attachments:

- Figure 1A Site Location Map
- Figure 1B FEMA Flood Plain Map
- Figure 1C Wetland Map
- Figure 2 Preliminary Soil Sample Locations
- Figure 3 Excavation Soil Sample Locations
- Table 1Soil Analytical Results
- Attachment 1 Referenced Well Records
- Attachment 2 Photographic Log
- Attachment 3 Laboratory Analytical Reports

FIGURES



Released to Imaging: 10/12/2022 12:52:25 PM









Table 1

Soil Analytical Results
Mal 12-27-2 Arco 5 Fed #1
Incident Number NAPP2213330681
Eddy County, New Mexico

Sample ID	Sample Date	Sample Depth (ft bgs)	Benzene (mg/kg)	BTEX (mg/kg)	TPH-DRO (mg/kg)	TPH-GRO (mg/kg)	TPH-ORO (mg/kg)	Total GRO+DRO (mg/kg)	TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table 1 Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	NE	100	600
Preliminary Soil San	Preliminary Soil Samples									
SS01	06/09/2022	0.5	ND	ND	ND	ND	ND	ND	ND	ND
SS02	06/09/2022	0.5	ND	ND	45.9	ND	ND	45.9	ND	ND
SS03	06/09/2022	0.5	ND	ND	ND	ND	ND	ND	ND	ND
SS04	06/16/2022	0.5	ND	ND	ND	ND	ND	ND	ND	ND
Excavation Floor Sa	mples									
FS01	06/16/2022	5.5	ND	ND	61.4	ND	ND	61.4	61.4	ND
FS02	06/16/2022	7	ND	ND	29	ND	ND	29	29	ND
Excavation Sidewall	Excavation Sidewall Samples									
SW01	06/16/2022	0-7	ND	ND	71.1	ND	ND	71.1	71.1	ND
SW02	06/16/2022	0-7	ND	ND	82.6	ND	ND	82.6	82.6	ND

Notes:

ft - feet/foot

mg/kg - milligrams per kilograms

BTEX - benzene, toluene, ethylbenzene, and total xylenes

TPH - total petroleum hydrocarbons

DRO - diesel range organics

GRO - gasoline range organics

ORO - oil range organics

ND - Non Detectable

NMOCD - New Mexico Oil Conservation Division

NMAC - New Mexico Administrative Code

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

NE - Not Established

BOLD - indicates results exceed the higher of the background sample result or applicable regulatory standard Greyed data represents samples that were excavated



USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources (Cooperator Access)

Data Category:

Geographic Area: United States

GO

Click to hideNews Bulletins

- Explore the NEW <u>USGS National Water Dashboard</u> interactive map to access realtime water data from over 13,500 stations nationwide.
- <u>Full News</u> 🔊

USGS 324405103565801 18S.30E.22.2220

Available data for this site SUMMARY OF ALL AVAILABLE DATA V GO

Well Site

DESCRIPTION:

Latitude 32°44'05", Longitude 103°56'58" NAD27 Eddy County, New Mexico , Hydrologic Unit 13060011 Well depth: not determined. Land surface altitude: 3,414 feet above NAVD88. Well completed in "Other aquifers" (N99990THER) national aquifer. Well completed in "Chinle Formation" (231CHNL) local aquifer

AVAILABLE DATA:

Data Type	Begin Date	End Date	Count
Field groundwater-level measurements	1965-12-09	1990-09-25	6
Revisions	Unavailable (site:0) (timese	eries:0)

OPERATION:

Record for this site is maintained by the USGS New Mexico Water Science Center Email questions about this site to <u>New Mexico Water Science Center Water-Data</u> <u>Inquiries</u>

Questions about sites/data? Feedback on this web site Automated retrievals Help Data Tips Explanation of terms Subscribe for system changes News Accessibility FOIA Privacy Policies and Notices

U.S. Department of the Interior | U.S. Geological Survey

Title: NWIS Site Information for USA: Site Inventory URL: https://waterdata.usgs.gov/nwis/inventory? agency_code=USGS&site_no=324405103565801

Page Contact Information: <u>New Mexico Water Data Support Team</u> Page Last Modified: 2022-05-31 17:02:11 EDT 0.28 0.26 caww02



Page 18 of 63





USGS 324405103565801 18S.30E.22.2220



Released to Imaging: 10/12/2022 12:52:25 PM Period of approved data

Received by OGD: 8/10/2022 8:31:17 AM.us/ReportDispatcher?type=WRHTML&name=WaterRightSummaryHTML.jrxml&basin=RA&nbr=118988520 of 63

	Mexico Office of th Nater Right S	v				
WR File Number: RA 11914	Subbasin: RA	Cross - Reference:				
Primary Purpose: EXP EX	XPLORATION	nelelelice.				
Primary Status: PMT PE	ERMIT					
Total Acres:	Subfile: -	Header: -				
Total Diversion: 0	Cause/Case: -					
Agent: LINN ENE	RGY					
Contact: OSCAR FI	RAYRE					
x Documents on File	Status	From/				
Trn # Doc File/Act 1	1 2 Transaction Desc.	To Acres DiversionConsumptive				
	MT LOG RA-11914 EXPL	T 0 0				
Current Points of Diversion Q (NAD83 UTM in meters) Q POD Number Well Tag Source 64Q16Q4SecTwsRng X Y Other Location Desc RA 11914 POD1 Shallow 2 4 2 20 17S 30E 594801 3632002						

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

5/31/22 2:47 PM

WATER RIGHT SUMMARY



New Mexico Office of the State Engineer Point of Diversion Summary

R	DD Number A 11914 POD1	(quarters are smalle Q64 Q16 Q4 Sec 2 4 2 20	Tws Rng	D83 UTM in meters) X Y 1801 3632002	
			5		
X	A 11914 POD1	2 4 2 20	17S 30E 594	1801 3632002 🧲	
Driller Licens					,
	e: 1682	Driller Company:	HUNGRY HOR	SE, LLC.	
Driller Name:	JOHN NORRIS				
Drill Start Da	e: 03/19/2013	Drill Finish Date:	03/19/2013	Plug Date:	
Log File Date	04/09/2013	PCW Rcv Date:		Source:	Shallow
Pump Type:		Pipe Discharge Size:		Estimated Yiel	d:
Casing Size:		Depth Well:	85 feet	Depth Water:	80 feet

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

5/31/22 2:47 PM

POINT OF DIVERSION SUMMARY

ATTACHIVIENT 2: PHOTOGRAPHIC LOG

wsp

			PHOTOGRAPHIC LOG	
Frontier Field Services, LLC			Arco 5 Fed # 1	NAPP2213330681
			Eddy County, New Mexico	
Photo No.	Date			
1	May 26, 2	022		
View of initial of				
prior to WSP asse	essment facir	g east	and the second	the first
		1 2 3		W CARLES
				Product of the second
			SVE SVE	E a sin of
			THE AND -	
				Mile on the first
				The second second
				N. Cart Contractor
			and the second s	
			The test is a second	
			14 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
				MADDAN
Photo No.	Date	120		
2	June 16, 2	022		
View of final e	xcavation ex	tent	THE REAL PROPERTY AND	The State of State
facin	a north	19.0		and the first of the second second

Photo No.	Date	The second s
2	June 16, 2022	
View of final e	excavation extent	
facin	g north	
		the stand of the stand of the
		and the second sec
		A CARLER AND A CARLE
		and the second sec
		and the second

wsp

	PHOTOGRAPHIC LOG				
Frontier Field Services, LLC		Arco 5 Fed # 1	NAPP2213330681		
		Eddy County, New Mexico			
			i		
Photo No	Data				

Pho	to No.	Date	
	3	June 16, 2022	
View		xcavation extent g west	

Photo No.	Date	
4	June 16, 2022	
	excavation extent ng east	

•

wsp

	-	PHOTOGRAPHIC LOG	
Frontier Field	Services,	Arco 5 Fed # 1	NAPP2213330681
LLC		Eddy County, New Mexico	
Photo No.	Date		
5	July 5, 202		
View of backf	filled excavatio		
facir	ng east		
			ale to the
			1. 3 A
			A A SAL



ATTACHIVIENT 3: LABORATORY ANALYTICAL RESULTS



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Frontier Field Services

Project Name:

Arco 5 Fed #1

Work Order: E206076

Job Number: 21080-0001

> Received: 6/14/2022

> > Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 6/17/22

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. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 6/17/22

Travis Casey 10077 Grogan Mill Rd Ste 300 The Woodlands, TX 77380

Project Name: Arco 5 Fed #1 Workorder: E206076 Date Received: 6/14/2022 11:32:00AM

Travis Casey,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/14/2022 11:32:00AM, under the Project Name: Arco 5 Fed #1.

The analytical test results summarized in this report with the Project Name: Arco 5 Fed #1 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 reguarding 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

Field Offices:

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Southern New Mexico Area Lynn Jarboe Technical Representative/Client Services Office: 505-421-LABS(5227)

Envirotech Web Address: www.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

West Texas Midland/Odessa Area Rayny Hagan Technical Representative Office: 505-421-LABS(5227)



Page 28 of 63

•

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
SS01 @ 0.5 ft	5
SS02 @ 0.5 ft	6
SS03 @ 0.5 ft	7
QC Summary Data	8
QC - Volatile Organics by EPA 8021B	8
QC - Nonhalogenated Organics by EPA 8015D - GRO	9
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	10
QC - Anions by EPA 300.0/9056A	11
Definitions and Notes	12
Chain of Custody etc.	13

ceived by OCD: 8/10/2022 8:31:17 AM			Page	e 30 of 63
	Sample Sum	mary		
Frontier Field Services	Project Name:	Arco 5 Fed #1	Depented	
10077 Grogan Mill Rd Ste 300	Project Number:	21080-0001	Reported:	
The Woodlands TX, 77380	Project Manager:	Travis Casey	06/17/22 14:00	

L				
Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
SS01 @ 0.5 ft	E206076-01A Soil	06/09/22	06/14/22	Glass Jar, 4 oz.
SS02 @ 0.5 ft	E206076-02A Soil	06/09/22	06/14/22	Glass Jar, 4 oz.
SS03 @ 0.5 ft	E206076-03A Soil	06/09/22	06/14/22	Glass Jar, 4 oz.



	5	ampic D	ala			
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Wardbards TX, 77280	Project Name: Project Numb	er: 2108	5 Fed #1 80-0001			Reported: 6/17/2022 2:00:01PM
The Woodlands TX, 77380	Project Manag	ger: Irav	vis Casey			0/1//2022 2:00:01PW
	S	SS01 @ 0.5 ft				
		E206076-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2225015
Benzene	ND	0.0250	1	06/14/22	06/16/22	
Ethylbenzene	ND	0.0250	1	06/14/22	06/16/22	
Toluene	ND	0.0250	1	06/14/22	06/16/22	
p-Xylene	ND	0.0250	1	06/14/22	06/16/22	
o,m-Xylene	ND	0.0500	1	06/14/22	06/16/22	
Fotal Xylenes	ND	0.0250	1	06/14/22	06/16/22	
Surrogate: 4-Bromochlorobenzene-PID		92.8 %	70-130	06/14/22	06/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2225015
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/14/22	06/16/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.6 %	70-130	06/14/22	06/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2225027
Diesel Range Organics (C10-C28)	ND	25.0	1	06/14/22	06/16/22	
Dil Range Organics (C28-C36)	ND	50.0	1	06/14/22	06/16/22	
Surrogate: n-Nonane		88.0 %	50-200	06/14/22	06/16/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: RAS		Batch: 2225018
Chloride	ND	20.0	1	06/14/22	06/15/22	

Sample Data



	D	ample D	ala			
Frontier Field Services	Project Name:	Arco	o 5 Fed #1			
10077 Grogan Mill Rd Ste 300	Project Numb	er: 2108	80-0001			Reported:
The Woodlands TX, 77380	Project Manag	ger: Trav	vis Casey			6/17/2022 2:00:01PM
	S	S02 @ 0.5 ft				
		E206076-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: IY		Batch: 2225015
Benzene	ND	0.0250	1	06/14/22	06/16/22	
Ethylbenzene	ND	0.0250	1	06/14/22	06/16/22	
Toluene	ND	0.0250	1	06/14/22	06/16/22	
o-Xylene	ND	0.0250	1	06/14/22	06/16/22	
o,m-Xylene	ND	0.0500	1	06/14/22	06/16/22	
Total Xylenes	ND	0.0250	1	06/14/22	06/16/22	
urrogate: 4-Bromochlorobenzene-PID		97.3 %	70-130	06/14/22	06/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: IY		Batch: 2225015
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/14/22	06/16/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.4 %	70-130	06/14/22	06/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: JL		Batch: 2225027
Diesel Range Organics (C10-C28)	45.9	25.0	1	06/14/22	06/16/22	T17
Dil Range Organics (C28-C36)	ND	50.0	1	06/14/22	06/16/22	
urrogate: n-Nonane		90.1 %	50-200	06/14/22	06/16/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: RAS		Batch: 2225018
Chloride	ND	20.0	1	06/14/22	06/15/22	



	3	ample D	ลเล			
Frontier Field Services	Project Name:	Arco	o 5 Fed #1			
10077 Grogan Mill Rd Ste 300	Project Numb	er: 2108	80-0001			Reported:
The Woodlands TX, 77380	Project Manag	ger: Trav	vis Casey			6/17/2022 2:00:01PM
	S	S03 @ 0.5 ft				
		E206076-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2225015
Benzene	ND	0.0250	1	06/14/22	06/16/22	
Ethylbenzene	ND	0.0250	1	06/14/22	06/16/22	
Toluene	ND	0.0250	1	06/14/22	06/16/22	
p-Xylene	ND	0.0250	1	06/14/22	06/16/22	
o,m-Xylene	ND	0.0500	1	06/14/22	06/16/22	
Fotal Xylenes	ND	0.0250	1	06/14/22	06/16/22	
Surrogate: 4-Bromochlorobenzene-PID		92.9 %	70-130	06/14/22	06/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2225015
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/14/22	06/16/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.4 %	70-130	06/14/22	06/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2225027
Diesel Range Organics (C10-C28)	ND	25.0	1	06/14/22	06/16/22	
Dil Range Organics (C28-C36)	ND	50.0	1	06/14/22	06/16/22	
Surrogate: n-Nonane		88.2 %	50-200	06/14/22	06/16/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: RAS		Batch: 2225018
Chloride	ND	20.0	1	06/14/22	06/15/22	



OC Summary Data

	Project Name: Project Number:							Reported:
	Project Manager:	Tı	avis Casey					6/17/2022 2:00:01PM
	Volatile Or	rganics l	oy EPA 802	1B				Analyst: IY
Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
]	Prepared: 0	6/14/22 A	analyzed: 06/16/22
ND	0.0250							
ND	0.0250							
ND	0.0250							
ND	0.0250							
ND	0.0500							
ND	0.0250							
7.63		8.00		95.4	70-130			
]	Prepared: 0	6/14/22 A	analyzed: 06/16/22
4.87	0.0250	5.00		97.4	70-130			
4.52	0.0250	5.00		90.3	70-130			
4.77	0.0250	5.00		95.3	70-130			
4.72	0.0250	5.00		94.3	70-130			
9.29	0.0500	10.0		92.9	70-130			
14.0	0.0250	15.0		93.4	70-130			
7.76		8.00		97.0	70-130			
						Prepared: 0	6/14/22 A	analyzed: 06/16/22
5.06	0.0250	5.00		101	70-130	3.91	20	
4.69	0.0250	5.00		93.9	70-130	3.90	20	
4.96	0.0250	5.00		99.1	70-130	3.90	20	
4.90	0.0250	5.00		98.1	70-130	3.92	20	
9.66	0.0500	10.0		96.6	70-130	3.85	20	
14.6	0.0250	15.0		97.1	70-130	3.87	20	
	mg/kg ND ND ND ND ND ND 7.63 4.87 4.52 4.77 4.72 9.29 14.0 7.76 5.06 4.69 4.96 4.90 9.66	Project Number: Project Manager: Project Manager: Volatile Or Result mg/kg Reporting Limit mg/kg ND 0.0250 A87 0.0250 4.87 0.0250 4.52 0.0250 4.77 0.0250 4.72 0.0250 4.72 0.0250 4.76 0.0250 7.76	Project Number: 21 Project Manager: Tr Volatile Organics I Result Reporting Imit Spike Level mg/kg mg/kg mg/kg ND 0.0250 0 ND 0.0250 5.00 A.87 0.0250 5.00 4.87 0.0250 5.00 4.77 0.0250 5.00 4.72 0.0250 5.00 9.29 0.0500 10.0 14.0 0.0250 5.00 7.76 8.00 5.00 5.06 0.0250 5.00 4.69 0.0250 5.00 4.69 0.02	Project Number: 21080-0001 Travis Casey Volatile Organics by EPA 802 Volatile Creanics by EPA 802 Result Spike Limit Source Result mg/kg mg/kg mg/kg ND 0.0250 S.00 5.00 4.87 0.0250 5.00 4.72 0.0250 5.00 9.29 0.0500 10.0 14.0 0.0250 5.00 5.06 0.0250 5.00 4.69 0.0250 5.00 4.69	Project Number: 21080-0001 Travis Casey Volatile Organics by EPA 8021B Result mg/kg Reporting Limit Spike Level Source Result mg/kg Rec ND 0.0250 mg/kg mg/kg % ND 0.0250 mg/kg mg/kg % ND 0.0250 mg/kg % 10 0.0250 mg/kg % 11 0.0250 5.00 % 12 0.0250 5.00 % 14.0 0.0250 5.00 % 14.0 0.0250 5.00 % 5.06 0.0250 5.00 % 5.06 0.0250 5.00 % <td>Project Number: 21080-0001 Project Manager: Travis Casey Volatile Organics by EPA 8021B Result Reporting Limit Spike Level Source Result Rec Limits mg/kg mg/kg mg/kg % % ND 0.0250 % % 10 0.0250 % % 10 0.0250 \$ % 10 0.0250 \$ % 10 0.0250 \$ % 10 0.0250 \$ %</td> <td>Project Number: 21080-0001 Travis Casey Project Manager: Travis Casey Volatile Organics by EPA 8021B Result mg/kg Reporting Mg/kg Spike Mg/kg Source Result Mg/kg Rec Mg/kg Rec</td> <td>Project Number: 21080-0001 Project Manager: Travis Casey Volatile Organics by EPA 8021B Result Reporting Spike Source Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg mg/kg %</td>	Project Number: 21080-0001 Project Manager: Travis Casey Volatile Organics by EPA 8021B Result Reporting Limit Spike Level Source Result Rec Limits mg/kg mg/kg mg/kg % % ND 0.0250 % % 10 0.0250 % % 10 0.0250 \$ % 10 0.0250 \$ % 10 0.0250 \$ % 10 0.0250 \$ %	Project Number: 21080-0001 Travis Casey Project Manager: Travis Casey Volatile Organics by EPA 8021B Result mg/kg Reporting Mg/kg Spike Mg/kg Source Result Mg/kg Rec Mg/kg Rec	Project Number: 21080-0001 Project Manager: Travis Casey Volatile Organics by EPA 8021B Result Reporting Spike Source Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg mg/kg %



QC Summary Data

		QC 3	umma	ary Data	1				
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380		Project Name: Project Number: Project Manager:	2	arco 5 Fed #1 1080-0001 Travis Casey					Reported: 6/17/2022 2:00:01PM
	No	onhalogenated C	Organics	by EPA 801	5D - G	RO			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2225015-BLK1)							Prepared: 0	6/14/22 Ai	nalyzed: 06/16/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.13		8.00		89.2	70-130			
LCS (2225015-BS2)							Prepared: 0	6/14/22 A	nalyzed: 06/16/22
Gasoline Range Organics (C6-C10)	48.2	20.0	50.0		96.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.16		8.00		89.4	70-130			
LCS Dup (2225015-BSD2)							Prepared: 0	6/14/22 At	nalyzed: 06/16/22
Gasoline Range Organics (C6-C10)	49.7	20.0	50.0		99.4	70-130	3.00	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.24		8.00		90.5	70-130			



QC Summary Data

		QC S	umma	ry Data	a				
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380		Project Name: Project Number: Project Manager:	21	rco 5 Fed #1 080-0001 avis Casey					Reported: 6/17/2022 2:00:01PM
	Nonh	alogenated Orga) - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2225027-BLK1)							Prepared: 0	6/14/22 A	analyzed: 06/16/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	43.5		50.0		86.9	50-200			
LCS (2225027-BS1)							Prepared: 0	6/14/22 A	analyzed: 06/16/22
Diesel Range Organics (C10-C28)	485	25.0	500		97.0	38-132			
Surrogate: n-Nonane	43.8		50.0		87.5	50-200			
Matrix Spike (2225027-MS1)				Source: E206081-23 Prepared					analyzed: 06/16/22
Diesel Range Organics (C10-C28)	479	25.0	500	ND	95.7	38-132			
Surrogate: n-Nonane	42.2		50.0		84.5	50-200			
Matrix Spike Dup (2225027-MSD1)				Source:	E206081-	23	Prepared: 0	6/14/22 A	analyzed: 06/16/22
Diesel Range Organics (C10-C28)	490	25.0	500	ND	98.0	38-132	2.31	20	
Surrogate: n-Nonane	44.3		50.0		88.6	50-200			


QC Summary Data

		QC D	u1111110	il y Data	и				
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380		Project Name: Project Number: Project Manager:	21	rco 5 Fed #1 080-0001 ravis Casey					Reported: 6/17/2022 2:00:01PM
		Anions l	by EPA 3	300.0/9056A	A Contraction				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
Blank (2225018-BLK1)							Prepared: 0	6/14/22	Analyzed: 06/15/22
Chloride LCS (2225018-BS1)	ND	20.0					Prepared: 0	6/14/22	Analyzed: 06/15/22
Chloride	259	20.0	250	G	104	90-110	P 10	(11.4/22)	A 1 1 00/15/22
Matrix Spike (2225018-MS1)					E206075-0		Prepared: 0	6/14/22	Analyzed: 06/15/22
Chloride	312	20.0	250	50.5	105	80-120			
Matrix Spike Dup (2225018-MSD1)				Source:	E206075-0)1	Prepared: 0	6/14/22	Analyzed: 06/15/22
Chloride	311	20.0	250	50.5	104	80-120	0.298	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

	2 • • • • • • • • • • •	S W11 W 1 (C C C S	
Frontier Field Services	Project Name:	Arco 5 Fed #1	
10077 Grogan Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Travis Casey	06/17/22 14:00

T17 The sample chromatographic pattern does not resemble the typical fuel standard used for quantitation.

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.

Page 38 of 63



Project Information

Released to Imaging: 10/12/2022 12:52:25 PM

FULL : maytan bennor @ INCP. LAM

	rontier Fie	eld Servic	es			E	ill To	19		NO.	La	b Us	e On	ly	(2-1828)			TA	т	EPA P	rogram
Project:	Arco 5 Fe	102 - 102 - 102		_		Attention: Frontie		1.12		WO#				Numb			2D	3D	Standard	CWA	SDWA
Project N	lanager:	Travis C	asey			Address: 10077 Gor	gan's Mills Rd Su	uite 300	E	206	FO	40	aic	082	-000			M	X		
Address:		a second s	ens Street			City, State, Zip The		77380							d Metho						RCRA
			M 88220	<u>í</u>		Phone: 575-703-7	992			bγ									Not the		
Phone:		589-5949		4		Email: AGroves@du	rangomidstrean	n.com		ORO										State	
	Fravis.cas			-						RO/	11	0		0.0		Σ			NM CO	UT AZ	TX
Report d	ue by: 5	Days, 6/1	6/22					- P)		d/o	8021	826	601(e 30		MN	¥		×		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID				Lab Number	-	TPH GRO/DRO/ORO by 8015	BTEX by	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC	BGDOC			Remarks	
12:45	6/9/22	S	1			SS01 @ 0.5 ft		1								x			DIS	Composite RETE	Ś
12:50	6/9/22	S	1			SSO2 @ 0.5 ft		2								х				Composite	
12:55	6/9/22	S	1		1270	SS03 @ 0.5 ft		2								v					
200000000000		3	1					3								X			PISC	RETE	-
									2								-				
								1 1 2													
									-							-					
												-				-	-				
								100	4												
													-								
		ļ		L																	
Addition	al Instruc	tions:																			
l (field samr	ler) attest to	the validity	and authenti	city of this sam	nle Lama	ware that tampering with or i	tentionally mislabelli	ng the sample	e locat	ion			Sample	s requir	ng thermal	preserva	ition mu	ist be rec	eived on ice the day	they are samp	led or received
date or time	of collection	is considere	d fraud and m	nay be grounds	for legal a	ware that tampering with or in ction.	by: Matthew	1 tou	15.4	~									°C on subsequent da		
	ed by: (Signa		Date	T	Time	Received by (Signa		Date		Time		20	Sec. 1	1999.0	8-110-01	L	ab U	se Onl	y	Mar Inter	1999
an	m	ton	- 61	19122	4:31	pallo	eenan	10-10	10	2	1:3	D	Rece	eived	on ice:		YN				
Relinquishe	d by: (Sign	PM9.	Date	(9 m)	Time	Received by: (Signa	are) A A	Date UIU		Time		~	5945			C	'				
per	re 1	NIM	10.	-1000	- 7.	19 alle	Upr	014	22		-3	3	<u>T1</u>			<u>T2</u>			<u>T3</u>		
Relinquishe	ed by: (Signa	iture)	Date	Т	Time	Received by: (Sigha	ure)	Date		Time		8				1					
·														Tem		7					
				queous, O - Oth				Containe													
Moto: Same						ss other arrangements are i									at the clie	nt exp	ense.	The re	port for the anal	ysis of the a	above
	annlicable	only to those	e samples re	ceived by the	e laborato	ory with this COC. The liabili	ty of the laboratory	is limited to	o the	amount	paid	for on	n the re	eport.							

Received by OCD: 8/10/2022 8:31:17 AM

Envirotech Analytical Laboratory

Client:	Frontier Field Services D	ate Received:	06/14/22	11:32		Work Order ID: E206076
Phone:	(575) 676-3500 D	ate Logged In:	06/14/22	11:32		Logged In By: Alexa Michaels
Email:	travis.casey@wsp.com D	ue Date:	06/17/22	17:00 (3 day TAT	Г)	
Chain o	of Custody (COC)					
1. Does	the sample ID match the COC?		Yes			
	the number of samples per sampling site location match	the COC	Yes			
	samples dropped off by client or carrier?		Yes	Carrier	: UP	IPS
4. Was ti	he COC complete, i.e., signatures, dates/times, requested	d analyses?	Yes			<u></u>
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in th i.e, 15 minute hold time, are not included in this disucssion.	e field,	Yes			Comments/Resolution
Sample	Turn Around Time (TAT)					
6. Did th	he COC indicate standard TAT, or Expedited TAT?		Yes			(Discrete) is in the Remarks section of the COC
<u>Sample</u> 7 Was a	<u>Cooler</u> a sample cooler received?		Yes		'	
	s, was cooler received in good condition?		Yes			
•	the sample(s) received intact, i.e., not broken?		Yes			
	e custody/security seals present?					
	es, were custody/security seals intact?		No			
2		(0) 20(NA			
	the sample received on ice? If yes, the recorded temp is 4°C, i.e Note: Thermal preservation is not required, if samples are re minutes of sampling o visible ice, record the temperature. Actual sample ter	eceived w/i 15	Yes <u>C</u>			
Sample	Container_					
_	aqueous VOC samples present?		No			
15. Are	VOC samples collected in VOA Vials?		NA			
16. Is th	he 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 1	non-VOC samples collected in the correct containers?		Yes			
19. Is the	e appropriate volume/weight or number of sample containers	s collected?	Yes			
Field La						
	e field sample labels filled out with the minimum inform	nation:				
	Sample ID? Date/Time Collected?		Yes			
	Collectors name?		Yes Yes			
	Preservation		105			
	s the COC or field labels indicate the samples were press	erved?	No			
	sample(s) correctly preserved?		NA			
24. Is lal	b filteration required and/or requested for dissolved meta	als?	No			
Multiph	hase Sample Matrix					
26. Does	s the sample have more than one phase, i.e., multiphase?	?	No			
27. If ye	es, does the COC specify which phase(s) is to be analyze	ed?	NA			
Subcont	tract Laboratory					
	samples required to get sent to a subcontract laboratory?	?	No			
	a subcontract laboratory specified by the client and if so		NA	Subcontract L	.ab: 1): NA
	Instruction					



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

Released to Imaging: 10/12/2022 12:52:25 PM





5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Frontier Field Services

Project Name: Arco #5 Fed 1

E206146

Work Order:

Job Number: 21080-0001

Received: 6/20/2022

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 7/8/22

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. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979) Date Reported: 7/8/22

Travis Casey 10077 Grogan Mill Rd Ste 300 The Woodlands, TX 77380

Project Name: Arco #5 Fed 1 Workorder: E206146 Date Received: 6/20/2022 8:15:00AM

Travis Casey,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/20/2022 8:15:00AM, under the Project Name: Arco #5 Fed 1.

The analytical test results summarized in this report with the Project Name: Arco #5 Fed 1 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 reguarding 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

Field Offices:

Southern New Mexico Area Lynn Jarboe

Technical Representative/Client Services Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@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

West Texas Midland/Odessa Area Rayny Hagan Technical Representative Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com



Page 42 of 63

•

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
SS04 @ 0.5 ft	5
SW01 @ 0 - 7 ft	6
SW02 @ 0 - 7 ft	7
FS01 @ 5.5	8
FS02 @ 7	9
QC Summary Data	10
QC - Volatile Organic Compounds by EPA 8260B	10
QC - Nonhalogenated Organics by EPA 8015D - GRO	11
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	12
QC - Anions by EPA 300.0/9056A	13
Definitions and Notes	14
Chain of Custody etc.	15

Sample Summary

		Sample Sum	mai y		
Frontier Field Services		Project Name:	Arco #5 Fed 1		Reported:
10077 Grogan Mill Rd Ste 300		Project Number:	21080-0001		Reporteu.
The Woodlands TX, 77380		Project Manager:	Travis Casey		07/08/22 18:41
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS04 @ 0.5 ft	E206146-01A	Soil	06/16/22	06/20/22	Glass Jar, 4 oz.
SW01 @ 0 - 7 ft	E206146-02A	Soil	06/16/22	06/20/22	Glass Jar, 4 oz.
SW02 @ 0 - 7 ft	E206146-03A	Soil	06/16/22	06/20/22	Glass Jar, 4 oz.
FS01 @ 5.5	E206146-04A	Soil	06/16/22	06/20/22	Glass Jar, 4 oz.
FS02 @ 7	E206146-05A	Soil	06/16/22	06/20/22	Glass Jar, 4 oz.



		impic D					
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380	Project Name: Project Numbe Project Manage	r: 2108	o #5 Fed 1 80-0001 ris Casey				Reported: 7/8/2022 6:41:50PM
	S	504 @ 0.5 ft					
]	E206146-01					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: l	IY		Batch: 2226053
Benzene	ND	0.0250	1	1	06/22/22	06/22/22	
Ethylbenzene	ND	0.0250	1	1	06/22/22	06/22/22	
Toluene	ND	0.0250	1	1	06/22/22	06/22/22	
o-Xylene	ND	0.0250	1	1	06/22/22	06/22/22	
p,m-Xylene	ND	0.0500	1	1	06/22/22	06/22/22	
Total Xylenes	ND	0.0250	1	1	06/22/22	06/22/22	
Surrogate: Bromofluorobenzene		98.4 %	70-130		06/22/22	06/22/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		06/22/22	06/22/22	
Surrogate: Toluene-d8		98.0 %	70-130		06/22/22	06/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: l	IY		Batch: 2226053
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	06/22/22	06/22/22	
Surrogate: Bromofluorobenzene		98.4 %	70-130		06/22/22	06/22/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		06/22/22	06/22/22	
Surrogate: Toluene-d8		98.0 %	70-130		06/22/22	06/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: J	IL		Batch: 2226058
Diesel Range Organics (C10-C28)	ND	25.0	1	1	06/23/22	06/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	1	06/23/22	06/24/22	
Surrogate: n-Nonane		142 %	50-200		06/23/22	06/24/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: l	KL		Batch: 2226030
Chloride	ND	20.0	1	1	06/21/22	06/22/22	

Sample Data



	S	ample Da	ata				
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380	Project Name Project Numb Project Manaş	er: 2108	o #5 Fed 1 30-0001 vis Casey				Reported: 7/8/2022 6:41:50PM
	SV	W01 @ 0 - 7 1 E206146-02	ft				
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY			Batch: 2226053
Benzene	ND	0.0250		1	06/22/22	06/22/22	
Ethylbenzene	ND	0.0250		1	06/22/22	06/22/22	
Toluene	ND	0.0250		1	06/22/22	06/22/22	
o-Xylene	ND	0.0250		1	06/22/22	06/22/22	
p,m-Xylene	ND	0.0500		1	06/22/22	06/22/22	
Total Xylenes	ND	0.0250		1	06/22/22	06/22/22	
Surrogate: Bromofluorobenzene		96.6 %	70-130		06/22/22	06/22/22	
Surrogate: 1,2-Dichloroethane-d4		96.5 %	70-130		06/22/22	06/22/22	
Surrogate: Toluene-d8		97.8 %	70-130		06/22/22	06/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2226053
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/22/22	06/22/22	
Surrogate: Bromofluorobenzene		96.6 %	70-130		06/22/22	06/22/22	
Surrogate: 1,2-Dichloroethane-d4		96.5 %	70-130		06/22/22	06/22/22	
Surrogate: Toluene-d8		97.8 %	70-130		06/22/22	06/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: JL		Batch: 2226058
Diesel Range Organics (C10-C28)	71.1	25.0		1	06/23/22	06/24/22	
Oil Range Organics (C28-C36)	ND	50.0		1	06/23/22	06/24/22	
Surrogate: n-Nonane		87.2 %	50-200		06/23/22	06/24/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: KL		Batch: 2226030
Chloride	ND	20.0		1	06/21/22	06/23/22	

	S	ample D	ata				
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380	Project Name: Project Numb Project Manag	er: 2108	o #5 Fed 1 80-0001 ris Casey				Reported: 7/8/2022 6:41:50PM
	SV	W02 @ 0 - 7 f	ft				
		E206146-03					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY			Batch: 2226053
Benzene	ND	0.0250		1	06/22/22	06/22/22	
Ethylbenzene	ND	0.0250		1	06/22/22	06/22/22	
Toluene	ND	0.0250		1	06/22/22	06/22/22	
o-Xylene	ND	0.0250		1	06/22/22	06/22/22	
p,m-Xylene	ND	0.0500		1	06/22/22	06/22/22	
Total Xylenes	ND	0.0250		1	06/22/22	06/22/22	
Surrogate: Bromofluorobenzene		99.3 %	70-130		06/22/22	06/22/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		06/22/22	06/22/22	
Surrogate: Toluene-d8		96.2 %	70-130		06/22/22	06/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	IY		Batch: 2226053
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/22/22	06/22/22	
Surrogate: Bromofluorobenzene		99.3 %	70-130		06/22/22	06/22/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		06/22/22	06/22/22	
Surrogate: Toluene-d8		96.2 %	70-130		06/22/22	06/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	JL		Batch: 2226058
Diesel Range Organics (C10-C28)	82.6	25.0		1	06/23/22	06/24/22	
Oil Range Organics (C28-C36)	ND	50.0		1	06/23/22	06/24/22	
Surrogate: n-Nonane		80.4 %	50-200		06/23/22	06/24/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	KL		Batch: 2226030
Chloride	ND	20.0		1	06/21/22	06/23/22	



.

Page 47 of 63

	S	ample D	ata				
Frontier Field Services	Project Name	: Arce	o #5 Fed 1				
10077 Grogan Mill Rd Ste 300	Project Numb	ber: 210	80-0001			Reported:	
The Woodlands TX, 77380	Project Mana	ger: Trav	vis Casey			7/8/2022 6:41:50PM	
		FS01 @ 5.5					
		E206146-04					
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analy	st: IY		Batch: 2226053	
Benzene	ND	0.0250	1	06/22/22	06/22/22		
Ethylbenzene	ND	0.0250	1	06/22/22	06/22/22		
Toluene	ND	0.0250	1	06/22/22	06/22/22		
p-Xylene	ND	0.0250	1	06/22/22	06/22/22		
p,m-Xylene	ND	0.0500	1	06/22/22	06/22/22		
Total Xylenes	ND	0.0250	1	06/22/22	06/22/22		
Surrogate: Bromofluorobenzene		99.6 %	70-130	06/22/22	06/22/22		
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	06/22/22	06/22/22		
Surrogate: Toluene-d8		95.8 %	70-130	06/22/22	06/22/22		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2226053	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/22/22	06/22/22		
Surrogate: Bromofluorobenzene		99.6 %	70-130	06/22/22	06/22/22		
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	06/22/22	06/22/22		
Surrogate: Toluene-d8		95.8 %	70-130	06/22/22	06/22/22		
Nonhalogenated Organics by EPA 8015D - DRO/ORO) mg/kg	mg/kg	Analy	st: JL		Batch: 2226058	
Diesel Range Organics (C10-C28)	61.4	25.0	1	06/23/22	06/24/22		
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/22	06/24/22		
Surrogate: n-Nonane		101 %	50-200	06/23/22	06/24/22		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2226030	
				0.6/01/02	0.6/22/22		

20.0

1

06/21/22

06/23/22

ND

.

Chloride

	S	ample Da	ata				
10077 Grogan Mill Rd Ste 300	Project Name: Project Numb Project Manag	er: 2108	9 #5 Fed 1 80-0001 is Casey				Reported: 7/8/2022 6:41:50PM
		FS02 @ 7					
		E206146-05					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2226053
Benzene	ND	0.0250		1	06/22/22	06/22/22	
Ethylbenzene	ND	0.0250		1	06/22/22	06/22/22	
Toluene	ND	0.0250		1	06/22/22	06/22/22	
o-Xylene	ND	0.0250		1	06/22/22	06/22/22	
p,m-Xylene	ND	0.0500		1	06/22/22	06/22/22	
Total Xylenes	ND	0.0250		1	06/22/22	06/22/22	
Surrogate: Bromofluorobenzene		96.7 %	70-130		06/22/22	06/22/22	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		06/22/22	06/22/22	
Surrogate: Toluene-d8		95.5 %	70-130		06/22/22	06/22/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2226053
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/22/22	06/22/22	
Surrogate: Bromofluorobenzene		96.7 %	70-130		06/22/22	06/22/22	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		06/22/22	06/22/22	
Surrogate: Toluene-d8		95.5 %	70-130		06/22/22	06/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL			Batch: 2226058
Diesel Range Organics (C10-C28)	29.0	25.0		1	06/23/22	06/24/22	
Oil Range Organics (C28-C36)	ND	50.0		1	06/23/22	06/24/22	
Surrogate: n-Nonane		99.2 %	50-200		06/23/22	06/24/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2226030
Chloride	ND	20.0		1	06/21/22	06/23/22	



Released to Imaging: 10/12/2022 12:52:25 PM

envirotech Inc.

QC Summary Data

Frontier Field Services		Project Name:	Δ 1	rco #5 Fed 1					D
10077 Grogan Mill Rd Ste 300			080-0001					Reported:	
The Woodlands TX, 77380		Project Number: Project Manager:		avis Casey					7/8/2022 6:41:50PM
The woodiands TX, 7/380		Project Manager:	11	avis Casey					//8/2022 0.41.30FM
	۷	olatile Organic	Compo	unds by EP	A 8260E	3			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2226053-BLK1)							Prepared: 0	6/22/22 A	nalyzed: 06/22/22
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: Bromofluorobenzene	0.492		0.500		98.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.5	70-130			
Surrogate: Toluene-d8	0.484		0.500		96.7	70-130			
LCS (2226053-BS1)							Prepared: 0	6/22/22 A	nalyzed: 06/22/22
Benzene	2.31	0.0250	2.50		92.4	70-130			
Ethylbenzene	2.34	0.0250	2.50		93.5	70-130			
Toluene	2.33	0.0250	2.50		93.3	70-130			
o-Xylene	2.41	0.0250	2.50		96.2	70-130			
o,m-Xylene	4.74	0.0500	5.00		94.8	70-130			
Total Xylenes	7.14	0.0250	7.50		95.2	70-130			
Surrogate: Bromofluorobenzene	0.515		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.2	70-130			
Surrogate: Toluene-d8	0.507		0.500		101	70-130			
LCS Dup (2226053-BSD1)							Prepared: 0	6/22/22 A	nalyzed: 06/22/22
Benzene	2.36	0.0250	2.50		94.3	70-130	1.99	23	
Ethylbenzene	2.37	0.0250	2.50		95.0	70-130	1.57	27	
Toluene	2.35	0.0250	2.50		93.8	70-130	0.534	24	
o-Xylene	2.45	0.0250	2.50		98.0	70-130	1.87	27	
p,m-Xylene	4.80	0.0500	5.00		96.0	70-130	1.31	27	
Total Xylenes	7.25	0.0250	7.50		96.7	70-130	1.50	27	
Surrogate: Bromofluorobenzene	0.524		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.4	70-130			
Surrogate: Toluene-d8	0.504		0.500		101	70-130			



QC Summary Data

		QC D	umm	ary Data	a				
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380	10077 Grogan Mill Rd Ste 300			arco #5 Fed 1 1080-0001 Travis Casey					Reported: 7/8/2022 6:41:50PM
,	No	Project Manager: onhalogenated O		-	15D - G	RO			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
Blank (2226053-BLK1)							Prepared: 0	6/22/22 A	nalyzed: 06/22/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.492		0.500		98.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.5	70-130			
Surrogate: Toluene-d8	0.484		0.500		96.7	70-130			
LCS (2226053-BS2)							Prepared: 0	6/22/22 A	nalyzed: 06/22/22
Gasoline Range Organics (C6-C10)	46.0	20.0	50.0		92.1	70-130			
Surrogate: Bromofluorobenzene	0.503		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.476		0.500		95.2	70-130			
Surrogate: Toluene-d8	0.504		0.500		101	70-130			
LCS Dup (2226053-BSD2)							Prepared: 0	6/22/22 A	nalyzed: 06/22/22
Gasoline Range Organics (C6-C10)	46.2	20.0	50.0		92.4	70-130	0.292	20	
Surrogate: Bromofluorobenzene	0.506		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.475		0.500		95.0	70-130			
Surrogate: Toluene-d8	0.506		0.500		101	70-130			



QC Summary Data

		QC DI	u I I I I I I	aly Data	1				
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380		Project Name: Project Number: Project Manager:	2	Arco #5 Fed 1 21080-0001 Fravis Casey					Reported: 7/8/2022 6:41:50PM
	Nonh	alogenated Orga	anics by	y 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
Blank (2226058-BLK1)							Prepared: 0	6/22/22 A	nalyzed: 06/22/22
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND ND	25.0 50.0							
Surrogate: n-Nonane	72.0		50.0		144	50-200			
LCS (2226058-BS1)							Prepared: 0	6/22/22 A	nalyzed: 06/22/22
Diesel Range Organics (C10-C28)	557	25.0	500		111	38-132			
Surrogate: n-Nonane	52.8		50.0		106	50-200			
Matrix Spike (2226058-MS1)				Source:	E206156-	01	Prepared: 0	6/22/22 A	nalyzed: 06/22/22
Diesel Range Organics (C10-C28)	527	25.0	500	ND	105	38-132			
Surrogate: n-Nonane	49.3		50.0		98.6	50-200			
Matrix Spike Dup (2226058-MSD1)				Source:	E206156-	01	Prepared: 0	6/22/22 A	nalyzed: 06/22/22
Diesel Range Organics (C10-C28)	548	25.0	500	ND	110	38-132	3.93	20	
Surrogate: n-Nonane	54.2		50.0		108	50-200			



QC Summary Data

		QC D	umma	iny Data	4				
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380		Project Name: Project Number: Project Manager:	21	rco #5 Fed 1 .080-0001 ravis Casey					Reported: 7/8/2022 6:41:50PM
		Anions l	by EPA 3	600.0/9056A	1				Analyst: KL
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2226030-BLK1)							Prepared: 0	6/21/22 A	Analyzed: 06/22/22
Chloride LCS (2226030-BS1)	ND	20.0					Prepared: 0	6/21/22 A	Analyzed: 06/22/22
Chloride Matrix Spike (2226030-MS1)	246	20.0	250	Source:	98.5 E206133-(90-110	Prepared: 0	6/21/22 A	Analyzed: 06/22/22
Chloride	253	20.0	250	ND	101	80-120	*		
Matrix Spike Dup (2226030-MSD1)				Source:	E206133-()1	Prepared: 0	6/21/22 A	Analyzed: 06/22/22
Chloride	250	20.0	250	ND	100	80-120	1.38	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

2 cmmuon		
Project Name:	Arco #5 Fed 1	
Project Number:	21080-0001	Reported:
Project Manager:	Travis Casey	07/08/22 18:41
	Project Name: Project Number:	Project Number: 21080-0001

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.



Reference Information

Received by OCD: 8/10/2022 8:31:17 AM

Client: F	rontier Fie	ld Servic	es			· · _ · _ · _ · _ · _ · _ · _ · _ ·	B	ill To				La	ab Us	se On	ly		<u> </u>		T	AT		EPA Pr	ogram
Project:	Arco # 5 F	<u>ed 1</u>				Attentio	on: Frontier	Field Services		Lab	WO#			Job I	Numl	per	_1D	2D	3D	St	andard	CWA	SDWA
<u>Project N</u>	Aanager:	Travis C	asey			Address	: 10077 Gorg	an's Mills Rd Su	uite_300	Eá	wo#	140	0	21	780	-00	<u>אך</u> א				X		
Address:	508 W	est Steve	ens Street	t		City, Sta	ite, Zip The '	Woodlands, Tx	77380							d Meth			_	•			RCRA
City, Stat	e, Zip Ca	rlsbad ,N	M 88220)		Phone:					λ								1	T			
Phone:	575-6	89-5949		_		Email: A	AGroves@dur	angomidstream	n.com		SRO BRO											State	
Email:	Travis.cas	ey@wsp.	com							1	0/0	_	_		9		_				NM CO	UT AZ	TX
Report d		5 Days									TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		¥	¥ ا			×		
Time	Date		No. of				· · · · · · ·		Lab	1 '	GRC	γd	Å	als 6	ġ		В	y				· · ·	
Sampled	Sampled	Matrix	Containers	Sample ID)				Number		TPH (8015	3TE)	Įξ	Met	울		BGDOC	BGDOC				Remarks	
12:30	6/16/22					SS01 (@ 0.5 ft		1				-					<u>+-</u> "-	1				
12.00	0, 10, 11	S	1			0001	e 0.5 h		1		X	X			X				1			Composite	
13:20	6/16/22				~	\$\\/\01	@ 0-7 ft		10									╈		+			
13.20	0,10,22	S	1			34401	@ 0-7 ft		1 V		X	X			X							Composite	
13:10	6/16/22					614/02	@ 0-7 ft										-	+	+	<u> </u>			
15.10	0/10/22	S	1			3002	@ 0-7 IL		3		X	X			X							Composite	
12.20	C/1C/22			┼───						-											<u> </u>		
13:30	6/16/22	S	1			F501	. @ 5.5		4		X	X			X							Composite	
42.40	C / A C /22		<u> </u>			500				I						_	_			<u> </u>			
13:40	6/16/22	S	1			FSU.	2@7		15		X	X			X							Composite	
																	_	+					
																		1					
																					_		
																		Γ					
																		1					
Addition	al Instruc	tions:		•						1	ليصيحها								-l				
(field samp	oler), attest to	the validity	and authent	ticity of this sa	mple. I ar	n aware that ta	mpering with or in	tentionally mislabelli	ng the sample	locati	on,			Sample	s requir	ing therma	l preserva	ition m	ust be re	ceived	on ice the day 1	they are sample	d or received
				may be groun			Sampled b							packed	in ice a	an avg te	np above	0 but l	ess than	6 °C on	subsequent da	iys.	
	ed by: (Signa		Date		Time		ived by: (Signatu		Date .	-	Time						1	ah i l	se Or	nlv			
Muse				1712022			eano/1/		G=17-	£.	11:	21	I.l.	Boos	-				30 01	нy			
	ed by: (Signa	t Ara)	Date	1410-0	Time		Gued by Kignati		Qate /	7	Time			I NËCE	liveu	on ice:							
	M	n'i		-1772	L.	15 6		Illa TA	Talant	72	\$	15		-			-						
Poling		<u>1 // /</u>	Date	1.00	Time	IMU	eived by: (Signati	jown	Date	ν	U · Time			<u>T1</u>			<u>T2</u>				<u>T3</u>		
	ed by: (Signa	ure)	Date		rinte	 Ikece 	eiveo by: (Signati	ure)	Date		mae						1						
														AVG			7_						
				queous, O - O					Containe														
								nade. Hazardous s								at the cl	ent exp	ense.	The r	report	for the ana	lysis of the a	bove
amples is	applicable o	nly to thos	e samples r	eceived by t	he labora	tory with this	COC. The liabilit	y of the laboratory	is limited to	the a	mount	: paid	for or	n the r	eport.								
																				_		_	
															3		\frown			, 1			
																	E			/	ro		- C
								Pag	e 15 of 1	7				-									

Envirotech Analytical Laboratory

		Sample	Receipt	Checklist (SR	C)	-	
	Please take note of any NO checkmarks. e no response concerning these items within 24 hours of the	date of this not	ice, all the	samples will be ar	nalyzed as re	quested.	
Client:	Frontier Field Services D	ate Received:	06/20/22	08:15		Work Order ID:	E206146
Phone:	(575) 676-3500 D	ate Logged In:	06/20/22	09:22		Logged In By:	Caitlin Christian
Email:	travis.casey@wsp.com D	ue Date:	06/24/22	2 17:00 (4 day TAT))		
<u>Chain o</u>	f 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	Carrier:	<u>UPS</u>		
4. Was th	he COC complete, i.e., signatures, dates/times, requested	d analyses?	Yes				
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in th i.e, 15 minute hold time, are not included in this disucssion.	e field,	Yes			Commen	ts/Resolution
	Turn Around Time (TAT) he 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 th	he sample(s) received intact, i.e., not broken?		Yes				
10. Were	e custody/security seals present?		No				
11. If ye	s, were custody/security seals intact?		NA				
	he sample received on ice? If yes, the recorded temp is 4°C, i.e Note: Thermal preservation is not required, if samples are re- minutes of sampling	eceived w/i 15	Yes				
13. If no	visible ice, record the temperature. Actual sample te	mperature: <u>4</u> °	<u>'C</u>				
	<u>Container</u>						
	aqueous VOC samples present?		No				
	VOC samples collected in VOA Vials?		NA				
	e head space less than 6-8 mm (pea sized or less)?		NA				
	a trip blank (TB) included for VOC analyses?		NA				
	non-VOC samples collected in the correct containers?	11 + - 30	Yes				
	appropriate volume/weight or number of sample container	s collected?	Yes				
Field La	e field sample labels filled out with the minimum inform	nation					
	Sample ID?	1411011.	Yes				
	Date/Time Collected?		Yes				
(Collectors name?		No				
	Preservation						
	s the COC or field labels indicate the samples were pres	erved?	No				
	sample(s) correctly preserved?		NA				
24. Is lal	b filteration required and/or requested for dissolved met	als?	No				
	ase Sample Matrix						
	s the sample have more than one phase, i.e., multiphase		No				
27. If ye	s, does the COC specify which phase(s) is to be analyze	:d?	NA				
Subcont	ract Laboratory						
	samples required to get sent to a subcontract laboratory? a subcontract laboratory specified by the client and if so		No NA	Subcontract La	ab: NA		
<u>Client l</u>	Instruction						

Date



envirotech Inc.

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

Proj	ect	Info	rma	tion
------	-----	------	-----	------

N		nformatio					ain of Custo	ody											Page1 of	1
ALALATR	Project: Project N Address: City, Stat Phone:	Travis.cas	ed 1 Travis C /est Steve arlsbad ,N 589-5949	asey ns Street IM 88220		Bill To <u>Attention: Frontier Field Services</u> <u>Address: 10077 Gorgan's Mills Rd 3</u> <u>City, State, Zip The Woodlands, T</u> <u>Phone: 575-703-7992</u> <u>Email: AGroves@durangomidstrea</u>	Suite 300 x 77380		TPH GRO/DRO/DRO by	40	0	Analy	Sis and	∞		2D	TA 3D	Standard X	EPA Program CWA SDWA RCRA State D UT AZ TX	
Clie	Time Sampled 12:30	Date Sampled 6/16/22	Matrix	No. of Containers	Sample ID		Lab Number		X TPH GRO 8015	X BTEX by 8	VOC by 8260	Metals 6010	X Chloride 300.0		BGDOC	BGDOC			Remarks	
6-2-2-	13:20	6/16/22	S	1		SW01 @ 0-7 ft	2		x	×			x						Composite	
	13:10	6/16/22	S	1		SW02 @ 0-7 ft	3		X				x						Composite	
	13:30	6/16/22	S	1		FS01 @ 5.5	4		x	x			x						Composite	
	13:40	6/16/22	S	1		FS02 @ 7	5		x	x			x	1					Camposite	
·																				
	I, (field samp		the validity		l city of this sample. I am nay be grounds for legal		elling the sample	e locati	ion,		1102300	1	ALC: NOT	Contraction of the	ALC: N			eived on ice the da "C on subsequent	ay they are sampled or received t days.	-
		ed by: (Signa ed by: (Signa	ature)	Date 6(1 Date		am Received by: (Signature) (S	G-17-	22	11:	30	24	Rece	ived o	n ice:	L S D	ab Us D/ N	e Onl	у ТЗ		
	Relinquithe	ed by: (Signa		Date	Time	7 Received by: (Signature)	Date		Time			AVG	Temp		1					
1	Note: Samp	ples are disc	arded 30 da	ys after res	ueous, O - Other ults are reported unle ceived by the laborat	ss other arrangements are made. Hazardous ory with this COC. The liability of the laborato	Containe s samples will bry is limited to	be ret	urned	to cli	ent or	dispos	sed of a					port for the a	nalysis of the above	-
												E	Sec. 1	(e	n	V	irc	otec	h
						Pag	e 17 of 17	7												

Released to Imaging: 10/12/2022 12:52:25 PM

Arco 5 ped 1 Released to Imaging: 10/12/2022 12:52:25 06/16/2022. Received by OCD: Heading to site (29979 miles) Ancived on SIH 9:30 am. Rep on site 10: 20 am. 8/10/2022 8:31:17 Rover for subsurface manage day lit 19:40 am Called OREN Started Excaveition 12:00pm. Tex mex drew off SHR 14:30 pm. WSP 04 - 548 14:55 pm. PM Samplett June Depth PPIT? PID Discription 5501 12:30 Well graded Sand Brown in color Dry. No oder no istain. Dis: ND 3.0 FS 01 £, 223.8 ND * F50-2 NO 353 4 K \$104 13-20 78 0- 55 ND SHO2. 13=10 0-74 16.2 ND SAA but Slight odor and FS01 13:30, 5.5 staining, mont. 50.2 ND 38.4 FS02 13:40 7. ND đ Page 59 of 63

Released to Imaging: 10/12/2022 12:52:25 PM

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	nAPP2213330681
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Frontier Field Services, LLC	OGRID 221115
Contact Name Amber Groves	Contact Telephone 575-703-7992
Contact email <u>agroves@durangomidstream.com</u>	Incident # (assigned by OCD)
Contact mailing address 47 Conoco Rd, Maljamar NM 88264	·

Location of Release Source

Latitude

Longitude <u>-103.90131</u> (NAD 83 in decimal degrees to 5 decimal places)

Site Name Mal 12-27-2 Arco 5 Fed #1	Site Type Pipeline
Date Release Discovered 5/12/2022	API# (if applicable)

Unit Letter	Section	Township	Range	County
А	6	18S	31E	Eddy

Surface Owner: State Federal Tribal Private (Name: _

32.78145

Nature and Volume of Release

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

Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	Yes No
Condensate	Volume Released (bbls)	Volume Recovered (bbls) 0
🛛 Natural Gas	Volume Released (Mcf) 56.64	Volume Recovered (Mcf)
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

Internal and external corrosion.

Incident ID	nAPP2213330681
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the responsible party consider this a major release?
🗌 Yes 🖾 No	

Initial Response

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

 \square The source of the release has been stopped.

The impacted area has been secured to protect human health and the environment.

Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name:Amber/Groves	Title: <u>Remediation Specialist</u>
Signature:	Date: <u>5/13/2022</u>
email: <u>agroves@durangomidstream.com</u>	Telephone: _(575)703-7992
OCD Only	
Received by:	Date:

Page 2

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:	OGRID:
FRONTIER FIELD SERVICES, LLC	221115
10077 Grogans Mill Rd.	Action Number:
The Woodlands, TX 77380	132632
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	10/12/2022

Page 63 of 63

Action 132632