Received by OCD:	8/10/2022 11:53:26 State of New Mexico
Page 6	Oil Conservation Division

Incident ID	nAPP2210823 Rage 1 of 25
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)

X 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: AMDU Groves Title: Tenediation Speciality								
Signature: mber Enve Date: 8/9/2022								
email: agroves @ durangomidstream. Comelephone: 575-703-7992								
OCD Only								
Received by:        Date:								
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:								

Title:

Environmental Specialist A

Jennifer Nobui

Printed Name:

**\\S**D

WSP USA

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

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District II Page 2

August 8, 2022

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

RE: Closure Request March AMT # 1 Incident Number NAPP2210823181 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 March AMT # 1 (32.63041, -104.54638) (Site) in Unit L, Section 25, Township 19 South, Range 24 East, in Eddy County, New Mexico (Figure 1A). This Site resides on federal land 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 produced water and natural gas from an internally 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 NAPP2210823181.

#### **RELEASE BACKGROUND**

On April 15, 2022, internal corrosion of a pipeline resulted in the release of 15.08 barrels (bbls) of produced water and 3,220 cubic feet (Mcf) of natural gas. Frontier, 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 April 18,2022. The release was assigned incident Number NAPP2210823181.

#### 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

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District II Page 3

(bgs) based on the nearest New Mexico Office of the State Engineer (NMOSE) well RA-04727 which is located approximately 4,063 feet northwest of the Site. The NMOSE water well has a reported depth to groundwater of 322 feet bgs and a total depth of 354 feet bgs. 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 2,604 feet north 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 1B). The Site is greater than 1,000 feet from any freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine (Figure 1C). The Site is likely not underlain by unstable geology (med 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 May 23, 2022, WSP personnel visited the Site to evaluate the release extent based on information provided on the Form C-141 (Attachment 5), visual observations and field screening activities. Eight preliminary surface samples SS01 – SS05 as well as SS10 – SS12 were collected within the release extent at a depth of 0.5 feet bgs, to access the lateral extent of impacted soil. At the later date of July 14, 2022, WSP personnel returned to collect surface samples SS06 – SS09 on the outside of the release extent to confirm its outer boundary. These preliminary soil samples were field screened for volatile aromatic hydrocarbons and chloride utilizing a calibrated photoionization detector (PID) and Hach<sup>®</sup> chloride QuanTab<sup>®</sup> test strips, respectively. The release extent and preliminary soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on Figure 2. Photographic documentation is included in Attachment



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The preliminary soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported at or below 4 degrees Celsius (°C) under strict chain-of-custody (COC) procedures to Envirotech in Carlsbad, New Mexico, for analysis of BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-GRO, TPH-DRO, and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following EPA Method 300.0.

Laboratory analytical results for preliminary soil samples SS01 – SS05 and SS10 – SS12 indicated that chloride and TPH concentrations exceeded the Closure Criteria. Based on visible staining within the release area, elevated field screening results, and laboratory analytical results for the preliminary soil samples, additional delineation and excavation activities were warranted.

#### DELINEATION, EXCAVATION ACTIVITIES AND ANALYTICAL RESULTS

On May 26, 2022 WSP personnel returned to the Site to perform additional delineation activities. Boreholes were advanced via hand auger at four locations within the release extent to assess the vertical extent of impacted soil. Boreholes BH01 and BH02 were advanced to a depth of 3 feet bgs while BH03 and BH04 were advanced to a depth of 2 feet bgs. Delineation soil samples were collected from each borehole from depths ranging from 0.5 feet to 3 feet bgs. Soil from the boreholes was field screened for volatile aromatic hydrocarbons and chloride utilizing PID and Hach<sup>®</sup> chloride QuanTab<sup>®</sup> test strips, respectively. Field screening results and observations for the boreholes were logged on lithologic/soil sampling logs, which are included in Attachment 3. The delineation samples were collected, handled, and analyzed following the same procedures as described above and shipped to Envirotech in Carlsbad, New Mexico. The delineation soil sample locations are depicted on Figure 3.

From May 31, 2022 to June 13, 2022, WSP Personnel returned to the site to oversee the removal of impacted soil. Excavation activities were performed using a backhoe, hydro-vac and transport vehicle. Impacted soil was excavated from the release area as indicated by visible staining, previous field screening activities and laboratory analytical results for both preliminary and delineation soil samples. To direct excavation activities, WSP personnel screened soil for volatile aromatic hydrocarbons and chloride utilizing a PID and Hach<sup>®</sup> chloride QuanTab<sup>®</sup> test strips, respectively. The excavation was completed to depths ranging from 1-foot to 5.5 feet bgs.

Following removal of impacted soil, WSP collected a total of seventy-one 5-point composite soil samples for every 200 square feet from both 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 samples FS01 – FS03, FS04B, FS05, FS06A, FS07A, FS08 – FS30, FS31A and FS32 – FS49 were collected at depths ranging from 1-foot bgs to 5.5 feet bgs. Sidewall soil samples SW01, SW02, SW03A, SW04 – SW11, SW12A, SW13, SW14, SW15A and SW16 – SW22 were collected at depths ranging from the ground surface to 5.5 feet bgs. The final excavation extent and 5-point

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composite confirmation soil sample locations are presented in Figure 4. Photographic documentation was completed during WSP excavation activities, and a photographic log is included in Attachment 2.

The excavation area measured approximately 9,550 square feet in lateral extent, at depths ranging from 1-foot bgs to 5.5 feet bgs. A total of approximately 834 cubic yards of impacted soil was removed during the 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. After completion of confirmation sampling, the excavation area was backfilled and recontoured to match preexisting site conditions. The Site will be re-seeded with a BLM approved seed mixture (BLM seed mix #2) at approved BLM application 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.

Analytical results for floor confirmation soil samples FS01 through FS49 and sidewall confirmation soil samples SW01 through SW22 are presented in Table 1 and summarized below:

**Floor Samples** 

- Benzene and BTEX were non-detectable (ND) in samples FS01 through FS49.
- TPH was ND in samples FS01, FS06A, FS07A, FS11-FS14, FS16-FS1, FS21, FS22, FS24-FS27, and FS30-FS49. TPH was detected in the remaining samples at concentrations ranging from 32.9 mg/kg (FS15) to 80.8 mg/kg (FS03).
- Chloride was ND in samples FS01-FS04B, FS07A, S11, FS12, FS17, FS21-FS26, FS30, FS31, and FS33-FS39. Chloride was detected in the remaining samples at concentrations ranging from 20.7 mg/kg (FS16) to 213 mg/kg (FS32).

#### Sidewall Samples

- BTEX was ND in samples SW01 through SW22.
- Benzene was detected only in sample SW02 (0.054 mg/kg).
- TPH was detected in only samples SW01, SW04, SW06, SW09 and SW-10, at concentrations ranging from 39.9 mg/kg (SW10) to 95.5 mg/kg (SW06).
- Chloride was detected in only samples SW03A, SW04, SW06, SW09 and SW-16, at concentrations ranging from 24.1 mg/kg (SW16) to 103 mg/kg (SW04).

The laboratory analytical results for collected floor and sidewall confirmation soil samples indicated that benzene, BTEX, TPH, and chloride were below NMOCD Table 1 Closure Criteria (10 mg/kg, 50 mg/kg, 100 mg/kg, and 600 mg/kg, respectively). Laboratory analytical results are summarized in Table 1 and the complete laboratory analytical reports are included in Attachment 4.

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#### **CLOSURE REQUEST**

WSP, on behalf of Frontier, conducted site assessment and excavation activities to address the April 11, 2022 release of produced water and 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 were compliant with the most stringent Table 1 Closure Criteria. Based on the soil sample analytical results, no further remediation was required. Frontier backfilled the excavation with locally sourced non-waste containing material, recontoured the Site to match pre-existing conditions and will be reseeded 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 NAPP2210823181.

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

Sincerely,

WSP USA Inc.

Tisky Dahal

Alisha Dahal Associate Consultant, Geologist

Michael J. Bombard Consultant, Environmental Scientist

cc: Bureau of Land Management

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#### Attachments:

Figure 1A/B/C Site Location Map, Flood Plain Map, Wetland Map

Figure 2 Preliminary Soil Sample Locations

Figure 3 Delineation Soil Sample Locations

Figure 4 Excavation Soil Sample Locations

Table 1Soil Analytical Results

Attachment 1 Referenced Well Records

Attachment 2 Lithologic/Sampling Logs

Attachment 3 Photographic Log

Attachment 4 Laboratory Analytical Report

Attachment 5 Initial C-141

# FIGUR



Released to Imaging: 10/12/2022 3:05:15 PM













# TABLES

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 C	losure Criteria (NM	AC 19.15.29)	10	50	NE	NE	NE	NE	100	600
Preliminary Soil Sa	mples									
SS01	05/23/2022	0.5	ND	16.22	4,020	ND	2,820	4,020	6,840	3,350
SS02	05/23/2022	0.5	ND	33.05	15,500	279	9,980	15,779	25,759	4,980
SS03	05/23/2022	0.5	ND	ND	8,640	ND	3,650	8,640	12,290	5,530
SS04	05/23/2022	0.5	ND	ND	23,400	ND	21,800	23,400	45,200	11,200
SS05	05/23/2022	0.5	ND	14.11	11,500	ND	7,840	11,500	19,340	5,830
SS06	07/14/2022	0.5	ND	ND	ND	ND	ND	ND	ND	ND
SS07	07/14/2022	0.5	ND	ND	ND	ND	ND	ND	ND	ND
SS08	07/14/2022	0.5	ND	ND	ND	ND	ND	ND	ND	ND
SS09	07/14/2022	0.5	ND	ND	ND	ND	ND	ND	ND	ND
SS10	05/23/2022	0.5	ND	ND	21,600	ND	21,000	21,600	42,600	6,950
SS11	05/23/2022	0.5	ND	20.43	14,100	ND	6,750	14,100	20,850	10,200
SS12	05/23/2022	0.5	ND	ND	19,900	ND	20,200	19,900	40,100	5,210
Delineation Soil Sar	nples									
BH01	05/26/2022	1	ND	0.0265	66.4	ND	53.4	66.4	119.8	58.9
BH01A	05/26/2022	3	ND	ND	28	ND	ND	28	28	117
BH02	05/26/2022	1	0.0442	0.0442	688	ND	508	688	1,196	376
BH02A	05/26/2022	3	ND	ND	195	ND	154	195	349	280
BH03	05/26/2022	1	ND	ND	47.3	ND	ND	47.3	47.3	103
BH03A	05/26/2022	2	ND	ND	60.2	ND	ND	60.2	60.2	46.3
BH04	05/26/2022	0.5	ND	ND	610	ND	340	610	950	6,790
BH04A	05/26/2022	2	ND	ND	ND	ND	ND	ND	ND	196

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 C	NMOCD Table 1 Closure Criteria (NMAC 19.15.29)			50	NE	NE	NE	NE	100	600
Excavation Floor Sa	amples									
FS01	05/31/2022	2	ND	ND	ND	ND	ND	ND	ND	ND
FS02	05/31/2022	2	ND	ND	55.2	ND	ND	55.2	55.2	ND
FS03	05/31/2022	2	ND	ND	80.8	ND	ND	80.8	80.8	ND
FS04	05/31/2022	2	ND	ND	122	ND	ND	122	122	188
FS04A	06/13/2022	2	ND	0.233	143	ND	52	195	195	486
FS04B	06/27/2022	2	ND	ND	ND	ND	ND	ND	ND	ND
FS05	05/31/2022	2	ND	ND	40.9	ND	ND	40.9	40.9	210
FS06	05/31/2022	2	ND	ND	119	ND	ND	119	119	72
FS06A	06/13/2022	2	ND	ND	ND	ND	ND	ND	ND	35.8
FS07	05/31/2022	2	ND	ND	129	ND	ND	129	129	72.9
FS07A	06/13/2022	2	ND	ND	ND	ND	ND	ND	ND	ND
FS08	05/31/2022	2	ND	ND	64.8	ND	ND	64.8	64.8	43.6
FS09	05/31/2022	2	ND	ND	58.8	ND	ND	58.8	58.8	48.7
FS10	05/31/2022	2	ND	ND	72.4	ND	ND	72.4	72.4	41
FS11	06/02/2022	4	ND	ND	ND	ND	ND	ND	ND	ND
FS12	06/02/2022	4	ND	ND	ND	ND	ND	ND	ND	ND
FS13	06/02/2022	4	ND	ND	ND	ND	ND	ND	ND	154
FS14	06/02/2022	4	ND	ND	ND	ND	ND	ND	ND	25.5
FS15	06/03/2022	4	ND	ND	32.9	ND	ND	32.9	32.9	108

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 Cl	osure Criteria (NM	AC 19.15.29)	10	50	NE	NE	NE	NE	100	600
FS16	06/03/2022	3	ND	ND	ND	ND	ND	ND	ND	20.7
FS17	06/03/2022	3	ND	ND	ND	ND	ND	ND	ND	ND
FS18	06/03/2022	2	ND	ND	ND	ND	ND	ND	ND	74.9
FS19	06/03/2022	2	ND	ND	ND	ND	ND	ND	ND	24.9
FS20	06/03/2022	2	ND	ND	62.1	ND	ND	62.1	62.1	138
FS21	06/03/2022	1	ND	ND	ND	ND	ND	ND	ND	ND
FS22	06/03/2022	1	ND	ND	ND	ND	ND	ND	ND	ND
FS23	06/03/2022	1	ND	ND	43.9	ND	ND	43.9	43.9	ND
FS24	06/03/2022	1	ND	ND	ND	ND	ND	ND	ND	ND
FS25	06/03/2022	1	ND	ND	ND	ND	ND	ND	ND	ND
FS26	06/03/2022	1	ND	ND	ND	ND	ND	ND	ND	ND
FS27	06/03/2022	1	ND	ND	ND	ND	ND	ND	ND	24.8
FS28	06/03/2022	1	ND	ND	36.5	ND	ND	36.5	36.5	33
FS29	06/08/2022	1	ND	ND	66.5	ND	ND	66.5	66.5	39.9
FS30	06/08/2022	1	ND	ND	ND	ND	ND	ND	ND	ND
FS31	06/08/2022	3	ND	ND	765	ND	300	765	1,065	250
FS31A	06/27/2022	3	ND	ND	ND	ND	ND	ND	ND	ND
FS32	06/08/2022	4	ND	ND	ND	ND	ND	ND	ND	213
F\$33	06/09/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND
FS34	06/09/2022	5.5	ND	ND	ND	ND	ND	ND	ND	ND

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 Cl	osure Criteria (NM	AC 19.15.29)	10	50	NE	NE	NE	NE	100	600
FS35	06/09/222	5.5	ND	ND	ND	ND	ND	ND	ND	ND
FS36	06/09/2022	2	ND	ND	ND	ND	ND	ND	ND	ND
FS48	06/13/2022	3	ND	ND	ND	ND	ND	ND	ND	ND
FS37	06/09/2022	2	ND	ND	ND	ND	ND	ND	ND	ND
FS49	06/13/2022	3	ND	ND	ND	ND	ND	ND	ND	ND
FS38	06/13/2022	3	ND	ND	ND	ND	ND	ND	ND	ND
FS39	06/13/2022	3	ND	ND	ND	ND	ND	ND	ND	ND
FS40	06/13/2022	3	ND	ND	ND	ND	ND	ND	ND	ND
FS41	06/13/2022	3	ND	ND	ND	ND	ND	ND	ND	ND
FS42	06/13/2022	3	ND	ND	ND	ND	ND	ND	ND	ND
FS43	06/13/2022	3	ND	ND	ND	ND	ND	ND	ND	ND
FS44	06/13/2022	3	ND	ND	ND	ND	ND	ND	ND	ND
FS45	06/13/2022	3	ND	ND	ND	ND	ND	ND	ND	ND
FS46	06/13/2022	3	ND	ND	ND	ND	ND	ND	ND	ND
FS47	06/13/2022	3	ND	ND	ND	ND	ND	ND	ND	ND
FS48	06/15/2022	3	ND	ND	ND	ND	ND	ND	ND	ND
FS49	06/15/2022	3	ND	ND	ND	ND	ND	ND	ND	ND
Excavation Sidewall	Samples									
SW01	06/02/2022	0 - 2	ND	ND	42.9	ND	ND	42.9	42.9	ND
SW02	06/02/2022	0 - 2	ND	0.054	ND	ND	ND	ND	ND	ND

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 C	losure Criteria (NM	AC 19.15.29)	10	50	NE	NE	NE	NE	100	600
SW03	06/02/2022	0 - 2	ND	ND	95.7	ND	60	95.7	155.7	ND
SW03A	06/13/2022	0 - 2	ND	ND	ND	ND	ND	ND	ND	34.6
SW04	06/02/2022	0 - 2	ND	ND	68	ND	ND	ND	68	103
SW05	06/02/2022	0 - 2	ND	ND	ND	ND	ND	ND	ND	ND
SW06	06/02/2022	0 - 2	ND	ND	95.5	ND	ND	95.5	95.5	77.6
SW07	06/02/2022	0 - 4	ND	ND	ND	ND	ND	ND	ND	ND
SW08	06/02/2022	0 - 4	ND	ND	ND	ND	ND	ND	ND	ND
SW09	06/02/2022	0 - 4	ND	ND	42.1	ND	ND	42.1	42.1	24.1
SW10	06/02/2022	0 - 4	ND	ND	39.9	ND	ND	39.9	39.9	ND
SW11	06/08/2022	0 - 2	ND	ND	ND	ND	ND	ND	ND	ND
SW12	06/08/2022	0 - 2	ND	0.5816	797	ND	329	1,126	1,126	335
SW12A	06/27/2022	0-2	ND	ND	ND	ND	ND	ND	ND	ND
SW13	06/09/2022	0 - 4	ND	ND	ND	ND	ND	ND	ND	ND
SW14	06/08/2022	0 - 5.5	ND	ND	ND	ND	ND	ND	ND	ND
SW15	06/08/2022	0 - 5.5	ND	ND	198	ND	72.8	270.8	270.8	561
SW15A	06/27/2022	0-5.5	ND	ND	ND	ND	ND	ND	ND	ND
SW16	06/09/2022	0 - 4	ND	ND	ND	ND	ND	ND	ND	45.5
SW17	06/09/2022	0 - 2	ND	ND	ND	ND	ND	ND	ND	ND
SW18	06/09/2022	0 - 2	ND	ND	ND	ND	ND	ND	ND	ND
SW19	06/13/2022	0 - 3	ND	ND	ND	ND	ND	ND	ND	ND

#### Soil Analytical Results March AMT #1 Incident Number NAPP2201823181 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 Cl	NMOCD Table 1 Closure Criteria (NMAC 19.15.29)			50	NE	NE	NE	NE	100	600
SW20	06/13/2022	0 - 3	ND	ND	ND	ND	ND	ND	ND	ND
SW21	06/13/2022	0 - 3	ND	ND	ND	ND	ND	ND	ND	ND
SW22	06/13/2022	0 - 3	ND	ND	ND	ND	ND	ND	ND	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 - Not Detected

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

			New					he Sta Sumi		Engineer N <b>ry</b>
ø	WR File Number: RA 04727			Subbasin: RA			Cross Referenc	e:	-	
	Primary	y Purpose	:STK	72-12	2-1 LI\	/ESTOCK W	ATERING			
<u>get image list</u>	Primary	y Status:	PMT	PER	MIT					
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	Total D	iversion:	3			Cause/	Case: -			
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5/23/22 10:0	03 AM									WATER RIGHT SUMMARY



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**USGS Water Resources** 

Site Information	~	United States				
Data Category:	Geographic Ar					

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- Full News

### USGS 323816104332901 19S.24E.26.12244

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

### Well Site

**DESCRIPTION:** 

Latitude 32°38'16", Longitude 104°33'29" NAD27 Eddy County, New Mexico , Hydrologic Unit 13060011 Well depth: 380.00 feet Land surface altitude: 3,630 feet above NGVD29. Well completed in "Roswell Basin aquifer system" (S400RSWLBS) national aquifer. Well completed in "Artesia Group" (313ARTS) local aquifer

#### AVAILABLE DATA:

Data Type	Begin Date	End Date	Count			
Field groundwater-level measurements	1990-02-22 2007-02-19 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 New Mexico Water Science Center Water-Data **Inquiries** 

Questions about sites/data? Feedback on this web site Automated retrievals Help Data Tips **Explanation of terms** Subscribe for system changes **News** 

Rettos://waterdatausas.gov/rwis/inventory?ageney\_code=USGS&site\_no=323816104332901

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=323816104332901

Page Contact Information: <u>New Mexico Water Data Support Team</u> Page Last Modified: 2022-05-23 12:21:27 EDT 0.29 0.27 caww01



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Respised by: 23 CAP: 8/10/2022: 11:53:26 AM. usgs.gov/nwis/gwlevels?site\_no=323816104332901&begin\_date=&end\_date=&format=img&storester\_1259



	PHOTOGRAPHIC LOG	
Frontier Field Services,	March AMT # 1	NAPP2210823181
LLC	Eddy County, New Mexico	



Photo No.	Date	
2	May 23, 2022	+
View of release	extent facing east	the second se
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	PHOTOGRAPHIC LOG	
Frontier Field Services,	March AMT # 1	NAPP2210823181
LLC	Eddy County, New Mexico	





March AMT # 1	NAPP2210823181
dy County, New Mexico	
	March AMT # 1 Idy County, New Mexico





		PHOTOGRAPI	HIC LOG	
Frontier Field	Services,	March AM	T # 1	NAPP2210823181
LLC		Eddy County, N	ew Mexico	
Photo No.	Date	DIRECTION	32.62985°N	ACCURACY 5 m
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					MIC	DUCA		BH or PH Name:	Date:
					VVS	<b>PUSA</b>		BH01	5/26/2022
				5	08 West	Stevens S	Street	Site Name: March AMT#1	•
				Car	08 West S Isbad, Ne	w Mexico	88220	RP or Incident Number:NAPP2	2210823181
								WSP Job Number: 31405109	
		LITHO	DLOG	IC / SOIL		ING LO	G	Logged By: MR	Method; Hand Auger
at/Lo	ng: 32.630				Field Scre		-	Hole Diameter: 3"	Total Depth: 3'
					Chloride,	PID			
omm	ents: all cl	nloride fie	ld scree	enings conta	in a correct	tion factor	of 40%		
1-moi	st; D-dry; \	∕-yes; N-r	10		r				
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ten	m)	m)	ji	ple	Sample	Depth	/Rc dr	Litholo	gy/Remarks
Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	Depth (ft bgs)	(ft bgs)	CS	Littoic	gymeniairo
2 0	0 -		S	õ	(ir bgs)		USCS/Rock Symbol		
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D	ND	0	Ν	BH01	1	1	377-21V	SAND, well graded with silt ,non postain,no odor	plastic lines, dry, dark prown
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						DUCA		BH or PH Name:	Date:
					005	<b>PUSA</b>		BH02	5/26/2022
				5	08 West S Isbad, Ne	Stevens S	Street	Site Name: March AMT#1	
				Car	lsbad, Ne	w Mexico	88220	RP or Incident Number:NAPP22	210823181
								WSP Job Number: 31405109	
		LITH	OLOG	SIC / SOIL	SAMPL	ING LO	G	Logged By: MR	Method; Hand Auger
Lat/Long: 32.63041,-104.54638 Field Screening:								Hole Diameter: 3"	Total Depth: 3'
					Chloride,	PID			
Comr A-moi	nents: all ch ist; D-dry; ነ	nloride fie	ld scre	enings conta	in a correct	tion factor	of 40%		
vi-iii0	St, D-ury, I	I-yes, IN-I	10		1				
e It	Ð		g	#	Sample		ock		
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	Depth	Deptil	S/R nbc	Litholog	gy/Remarks
Cor	ld)	Va (pl	Sta	an	(ft bgs)	(ft bgs)	Syr		3)
	Ŭ		0,	S	(		USCS/Rock Symbol		
					-	-			
					-	L			
						F			
D	1,600	0	Ν	BH02	1 -	1	SW-SM	SAND, Well graded sand with silt	non plastic fines dry dark brown
2	1,000	0		51102	<sup>-</sup> -		5 TV 51VI	no stain,no odor	, nen plaete intes, ary, dant brown
					-				
					_	L			
D	1,260	0	Ν		2	2	SW-SM	SAA	
					-	L			
						ŀ			
D	442	0	Ν	BH02	3	3	SW/_CM	SAA but tan color	
D	442	0	IN	DI 102	5	- 5	377-3171	SAA but tan color	
						_			
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	·I						TD @ 3	it bgs	
								5	

D ND 0 N BH03 1 1 SW-SM SAND, well graded sand with silt ,non plastic fines,dry,dark brown no odor	eceive	ed by O	<u>CD: 8/1</u>	.0/201	2 11:53:	<u> 6 AM</u>							Page 3
Discrete   Discrete   Discrete   Carlsbad, New Mexico 882200   Site Name: March AMT#1   RP or Incident Number: NAPP2210823181   WSP Job Number: 31405109   LITHOLOGIC / SOIL SAMPLING LOG Logged By: MR Method; Hand Auger   tutong: 32.63041,-104.54638 Field Screening: Chloride, PID Hole Diameter: 3" Total Depth: 2"   omments: all chloride field screenings contain a correction factor of 40%   moments: all chloride field screenings contain a correction factor of 40%   moments: all chloride field screening: Chloride, PID Depth Sample Depth Depth Sample Depth Depth Sample Depth Depth Sample Depth <							DUC			BH or PH Name:		Date:	
WSP Job Number: 31405109     LITHOLOGIC / SOIL SAMPLING LOG   Logged By: MR   Method; Hand Auger     tt/Long: 32.63041,-104.54638   Field Screening: Chloride, PID   Hole Diameter: 3"   Total Depth: 2"     omments: all chloride field screenings contain a correction factor of 40%- moist; D-dry; Y-yes; N-no   Total Depth: 2"   Total Depth: 2"     uigging G,						WS	PUSA			BH03		5/26/2022	
WSP Job Number: 31405109     LITHOLOGIC / SOIL SAMPLING LOG   Logged By: MR   Method; Hand Auger     tt/Long: 32.63041,-104.54638   Field Screening: Chloride, PID   Hole Diameter: 3"   Total Depth: 2"     omments: all chloride field screenings contain a correction factor of 40%- moist; D-dry; Y-yes; N-no   Total Depth: 2"   Total Depth: 2"     uigging G,					5	08 West	Stevens S	Street		Site Name: March AMT#1			
LITHOLOGIC / SOIL SAMPLING LOG   Logged By: MR   Method; Hand Auger     at/Long: 32.63041,-104.54638   Field Screening: Chloride, PID   Hole Diameter: 3"   Total Depth: 2"     omments: all chloride field screenings contain a correction factor of 40%. moist; D-dry; Y-yes; N-no   Sample   Depth (ft bgs)   Depth (ft bgs)   Depth (ft bgs)   Lithology/Remarks     Image: Depth of the problem of the prob					Car	lsbad, Ne	w Mexico	88220		RP or Incident Number:NA	PP22108231	81	
tt/Long: 32.63041,-104.54638   Field Screening: Chloride, PID   Hole Diameter: 3"   Total Depth: 2'     omments: all chloride field screenings contain a correction factor of 40%										WSP Job Number: 314051	109		
tit/Long: 32.63041,-104.54638   Field Screening: Chloride, PID   Hole Diameter: 3"   Total Depth: 2"     omments: all chloride field screenings contain a correction factor of 40%- emoist; D-dry; Y-yes; N-no   Sample Depth (ft bgs)   Depth (ft bgs)   Depth (ft bgs)   Lithology/Remarks     Image: Depth of the problem of			LITHO	OLOG	IC / SOIL	SAMPL	ING LO	G		Logged By: MR		Method; Hand Auger	
Demments: all chloride field screenings contain a correction factor of 40%     moist; D-dry; Y-yes; N-no     Image: Contract of the screening contain a correction factor of 40%     Image: Contract of the screening contain a correction factor of 40%     Image: Contract of the screening contain a correction factor of 40%     Image: Contract of the screening contain a correction factor of 40%     Image: Contract of the screening contain a correction factor of 40%     Image: Contract of the screening contain a correction factor of 40%     Image: Contract of the screening contain a correction factor of 40%     Image: Contract of the screening contain a correction factor of 40%     Image: Contract of the screening contain a correction factor of 40%     Image: Contract of the screening contain a correct on factor of 40%     Image: Contract of the screening contain a correct on factor of 40%     Image: Contract of the screening contain a correct on factor of 40%     Image: Contract of the screening contain a correct on factor of 40%     Image: Contract on the screening contain a correct on the screening contain a contain a correct on the screening contain a correct on the screening contain a contain	at/Lon	g: 32.630	41,-104.5	64638								Total Depth: 2'	
Image: moist; D-dry; Y-yes; N-no     Image: Derive integration of the set of the s								6 400/					
Image: Second constraints   Image:	omme -mois	ents: all cr st; D-dry; ١	nloride fie Y-yes; N-r	Id scree	enings conta	in a correc	tion factor	of 40%					
no odor					Sample #	Depth	Deptil	USCS/Rock Symbol		Lith	nology/Ren	narks	
	D					-			no odor	vell graded sand with	silt ,non pl	astic fines,dry,dark brov	wn
eceiv	ed by U	CD: 8/1	0/20	2 11:53:	26 AM -						Page 3		
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									BH or PH Name:	Date:			
					WS	<b>PUSA</b>			BH04	5/26/2022			
				5	08 West	Stevens S	Street		Site Name: March AMT#1	I			
				Car	08 West Isbad, Ne	w Mexico	88220		RP or Incident Number:NAPP2210823181				
									WSP Job Number: 31405109				
		LITHO	OLOG	IC / SOIL		ING LO	G		Logged By: MR	Method; Hand Auger			
_at/Loi	ng: 32.630	41,-104.5	64638		Field Scre	ening:			Hole Diameter: 3"	Total Depth: 2'			
	st; D-dry; `				Chloride,	PID							
Comm	ents: all cl	hloride fie	ld scree	enings conta	in a correc	tion factor	of 40%						
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	Sample Depth (ft bgs)	Depth (ft bgs)			Litholo	gy/Remarks			
D	2,614	0	Ν	BH04	0.5	0.5	SW-SM	SAND,	well graded with silt ,non p	plastic fines,dry,dark brown, s	light od		
D	616	0	Ν		1	1	SW-SM	SAA bu	t no odor				
D	224	0	Ν	BH04	2	2	SW-SM	SAA					
						F							
					- - -								
					-								
					-	+							
					-								
							TD @ 2	ft bgs					



5796 U.S. Hwy 64 Farmington, NM 87401

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





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# **Analytical Report**

## **Frontier Field Services**

Project Name: March AMT #1

Work Order: E205133

Job Number: 21080-0001

> Received: 5/25/2022

> > Revision: 1

**Report Reviewed By:** 

Walter Hinchman Laboratory Director 6/2/22

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: 6/2/22

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

Project Name: March AMT #1 Workorder: E205133 Date Received: 5/25/2022 10:15:00AM

5/25/2022 10:15:00AM, under the Project Name: March AMT #1.

Travis Casey,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on,

The analytical test results summarized in this report with the Project Name: March AMT #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



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Chain of Custody etc.	18

### **Sample Summary**

		Sample Sum	illai y		
Frontier Field Services		Project Name:	March AMT #1		Reported:
10077 Grogan Mill Rd Ste 300		Project Number:	21080-0001		Reported.
The Woodlands TX, 77380		Project Manager:	Travis Casey		06/02/22 10:05
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS01 @ 0.5 ft	E205133-01A	Soil	05/23/22	05/25/22	Glass Jar, 2 oz.
SS02 @ 0.5 ft	E205133-02A	Soil	05/23/22	05/25/22	Glass Jar, 2 oz.
SS03 @ 0.5 ft	E205133-03A	Soil	05/23/22	05/25/22	Glass Jar, 2 oz.
SS04 @ 0.5 ft	E205133-04A	Soil	05/23/22	05/25/22	Glass Jar, 2 oz.
SS05 @ 0.5 ft	E205133-05A	Soil	05/23/22	05/25/22	Glass Jar, 2 oz.
SS10 @ 0.5 ft	E205133-06A	Soil	05/23/22	05/25/22	Glass Jar, 2 oz.
SS11 @ 0.5 ft	E205133-07A	Soil	05/23/22	05/25/22	Glass Jar, 2 oz.
SS12 @ 0.5 ft	E205133-08A	Soil	05/23/22	05/25/22	Glass Jar, 2 oz.



		mpic D					
Frontier Field Services	Project Name:	Mar	ch AMT #1				
10077 Grogan Mill Rd Ste 300	Project Number	:: 2108	30-0001			Reported:	
The Woodlands TX, 77380	Project Manage	er: Trav	ris Casey				6/2/2022 10:05:32AM
	SS	501 @ 0.5 ft					
	I	205133-01					
		Reporting					
Analyte	Result	Limit	Dilut	tion Pr	epared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: RKS			Batch: 2222080
Benzene	ND	0.250	10	0 05	/27/22	05/31/22	
Ethylbenzene	1.82	0.250	10	0 05	/27/22	05/31/22	
Toluene	2.50	0.250	10	0 05	/27/22	05/31/22	
-Xylene	3.01	0.250	10	0 05	/27/22	05/31/22	
,m-Xylene	8.92	0.500	10	0 05	/27/22	05/31/22	
Total Xylenes	11.9	0.250	10	0 05	/27/22	05/31/22	
Surrogate: Bromofluorobenzene		104 %	70-130	05	/27/22	05/31/22	
urrogate: 1,2-Dichloroethane-d4		102 %	70-130	05	/27/22	05/31/22	
urrogate: Toluene-d8	9	97.5 %	70-130	05	/27/22	05/31/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	mg/kg Analyst: RKS			Batch: 2222080	
Gasoline Range Organics (C6-C10)	ND	200	10	0 05	/27/22	05/31/22	
urrogate: Bromofluorobenzene		104 %	70-130	05	/27/22	05/31/22	
urrogate: 1,2-Dichloroethane-d4		102 %	70-130	05	/27/22	05/31/22	
urrogate: Toluene-d8	9	97.5 %	70-130	05	/27/22	05/31/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	RO/ORO mg/kg		I	Analyst: AK			Batch: 2222085
Diesel Range Organics (C10-C28)	4020	250	10	0 05	/31/22	05/31/22	
Dil Range Organics (C28-C36)	2820	500	10	0 05	/31/22	05/31/22	
urrogate: n-Nonane	-	59.5 %	50-200	05	/31/22	05/31/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: KL			Batch: 2223009
Chloride	3350	20.0	1	05	/31/22	05/31/22	

## Sample Data



	Sa	ample D	ata			
Frontier Field Services	Project Name:	Mar	ch AMT #1			
10077 Grogan Mill Rd Ste 300	Project Numbe		30-0001		Reported:	
The Woodlands TX, 77380	Project Manag	ger: Trav	ris Casey			6/2/2022 10:05:32AM
	S	S02 @ 0.5 ft				
		E205133-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analy	rst: RKS		Batch: 2222080
Benzene	ND	0.250	10	05/27/22	05/31/22	
Ethylbenzene	3.77	0.250	10	05/27/22	05/31/22	
Toluene	4.18	0.250	10	05/27/22	05/31/22	
o-Xylene	6.46	0.250	10	05/27/22	05/31/22	
p,m-Xylene	18.6	0.500	10	05/27/22	05/31/22	
Total Xylenes	25.1	0.250	10	05/27/22	05/31/22	
Surrogate: Bromofluorobenzene		101 %	70-130	05/27/22	05/31/22	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130	05/27/22	05/31/22	
Surrogate: Toluene-d8		102 %	70-130	05/27/22	05/31/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: RKS		Batch: 2222080
Gasoline Range Organics (C6-C10)	279	200	10	05/27/22	05/31/22	
Surrogate: Bromofluorobenzene		101 %	70-130	05/27/22	05/31/22	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130	05/27/22	05/31/22	
Surrogate: Toluene-d8		102 %	70-130	05/27/22	05/31/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: AK		Batch: 2222085
Diesel Range Organics (C10-C28)	15500	250	10	05/31/22	05/31/22	
Oil Range Organics (C28-C36)	9980	500	10	05/31/22	05/31/22	
Surrogate: n-Nonane		168 %	50-200	05/31/22	05/31/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: KL		Batch: 2223009
Chloride	4980	40.0	2	05/31/22	06/01/22	



	S	ample D	ata			
Frontier Field Services	Project Name		ch AMT #1			
10077 Grogan Mill Rd Ste 300	Project Numb		30-0001			Reported:
The Woodlands TX, 77380	Project Manag	ger: Trav	vis Casey			6/2/2022 10:05:32AM
	S	5803 @ 0.5 ft				
		E205133-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analy	st: RKS		Batch: 2222080
Benzene	ND	0.250	10	05/27/22	05/31/22	
Ethylbenzene	ND	0.250	10	05/27/22	05/31/22	
Toluene	ND	0.250	10	05/27/22	05/31/22	
o-Xylene	ND	0.250	10	05/27/22	05/31/22	
p,m-Xylene	ND	0.500	10	05/27/22	05/31/22	
Total Xylenes	ND	0.250	10	05/27/22	05/31/22	
Surrogate: Bromofluorobenzene		103 %	70-130	05/27/22	05/31/22	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130	05/27/22	05/31/22	
Surrogate: Toluene-d8		96.9 %	70-130	05/27/22	05/31/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	/kg Analyst: RKS			Batch: 2222080
Gasoline Range Organics (C6-C10)	ND	200	10	05/27/22	05/31/22	
Surrogate: Bromofluorobenzene		103 %	70-130	05/27/22	05/31/22	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130	05/27/22	05/31/22	
Surrogate: Toluene-d8		96.9 %	70-130	05/27/22	05/31/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	onhalogenated Organics by EPA 8015D - DRO/ORO <sup>mg/kg</sup>		Analy	st: AK		Batch: 2222085
Diesel Range Organics (C10-C28)	8640	500	20	05/31/22	06/01/22	
Oil Range Organics (C28-C36)	3650	1000	20	05/31/22	06/01/22	
Surrogate: n-Nonane		118 %	50-200	05/31/22	06/01/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2223009
Chloride	5530	200	10	05/31/22	06/01/22	



	S	ample D	ata			
Frontier Field Services	Project Name	: Mar	ch AMT #1			
10077 Grogan Mill Rd Ste 300	Project Numb	er: 2108	80-0001		Reported:	
The Woodlands TX, 77380	Project Manag	ger: Trav	is Casey			6/2/2022 10:05:32AM
	S	6804 @ 0.5 ft				
		E205133-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analy	/st: RKS		Batch: 2222080
Benzene	ND	0.250	10	05/27/22	05/31/22	
Ethylbenzene	ND	0.250	10	05/27/22	05/31/22	
Toluene	ND	0.250	10	05/27/22	05/31/22	
o-Xylene	ND	0.250	10	05/27/22	05/31/22	
p,m-Xylene	ND	0.500	10	05/27/22	05/31/22	
Total Xylenes	ND	0.250	10	05/27/22	05/31/22	
Surrogate: Bromofluorobenzene		101 %	70-130	05/27/22	05/31/22	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130	05/27/22	05/31/22	
Surrogate: Toluene-d8		98.0 %	70-130	05/27/22	05/31/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2222080
Gasoline Range Organics (C6-C10)	ND	200	10	05/27/22	05/31/22	
Surrogate: Bromofluorobenzene		101 %	70-130	05/27/22	05/31/22	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130	05/27/22	05/31/22	
Surrogate: Toluene-d8		98.0 %	70-130	05/27/22	05/31/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: JL		Batch: 2222085
Diesel Range Organics (C10-C28)	23400	2500	100	05/31/22	06/02/22	
Oil Range Organics (C28-C36)	21800	5000	100	05/31/22	06/02/22	
Surrogate: n-Nonane		116 %	50-200	05/31/22	06/02/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: KL		Batch: 2223009
Chloride	11200	400	20	05/31/22	06/01/22	



	Sa	ample D	ata			
Frontier Field Services 10077 Grogan Mill Rd Ste 300	Project Name: Project Number		ch AMT #1 80-0001			Reported:
The Woodlands TX, 77380	Project Manag		vis Casey			6/2/2022 10:05:32AM
	S	805 @ 0.5 ft				
		E205133-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2222080
Benzene	ND	0.250	10	05/27/22	05/31/22	
Ethylbenzene	1.81	0.250	10	05/27/22	05/31/22	
Toluene	1.60	0.250	10	05/27/22	05/31/22	
o-Xylene	3.07	0.250	10	05/27/22	05/31/22	
p,m-Xylene	7.67	0.500	10	05/27/22	05/31/22	
Total Xylenes	10.7	0.250	10	05/27/22	05/31/22	
Surrogate: Bromofluorobenzene		106 %	70-130	05/27/22	05/31/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	05/27/22	05/31/22	
Surrogate: Toluene-d8		99.5 %	70-130	05/27/22	05/31/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	kg Analyst: RKS			Batch: 2222080
Gasoline Range Organics (C6-C10)	ND	200	10	05/27/22	05/31/22	
Surrogate: Bromofluorobenzene		106 %	70-130	05/27/22	05/31/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	05/27/22	05/31/22	
Surrogate: Toluene-d8		99.5 %	70-130	05/27/22	05/31/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: AK		Batch: 2222085
Diesel Range Organics (C10-C28)	11500	500	20	05/31/22	05/31/22	
Oil Range Organics (C28-C36)	7840	1000	20	05/31/22	05/31/22	
Surrogate: n-Nonane		120 %	50-200	05/31/22	05/31/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2223009
Chloride	5830	200	10	05/31/22	06/01/22	



	S	ample D	ata			
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380	Project Name Project Numb Project Manag	er: 210	ch AMT #1 80-0001 vis Casey		<b>Reported:</b> 6/2/2022 10:05:32AM	
	-	5 5510 @ 0.5 ft				
	2	E205133-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analy	st: RKS		Batch: 2222080
Benzene	ND	0.250	10	05/27/22	05/31/22	
Ethylbenzene	ND	0.250	10	05/27/22	05/31/22	
Toluene	ND	0.250	10	05/27/22	05/31/22	
o-Xylene	ND	0.250	10	05/27/22	05/31/22	
p,m-Xylene	ND	0.500	10	05/27/22	05/31/22	
Total Xylenes	ND	0.250	10	05/27/22	05/31/22	
Surrogate: Bromofluorobenzene		99.7 %	70-130	05/27/22	05/31/22	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	05/27/22	05/31/22	
Surrogate: Toluene-d8		97.8 %	70-130	05/27/22	05/31/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2222080
Gasoline Range Organics (C6-C10)	ND	200	10	05/27/22	05/31/22	
Surrogate: Bromofluorobenzene		99.7 %	70-130	05/27/22	05/31/22	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	05/27/22	05/31/22	
Surrogate: Toluene-d8		97.8 %	70-130	05/27/22	05/31/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: AK		Batch: 2222085
Diesel Range Organics (C10-C28)	21600	2500	100	05/31/22	05/31/22	
Oil Range Organics (C28-C36)	21000	5000	100	05/31/22	05/31/22	
Surrogate: n-Nonane		99.5 %	50-200	05/31/22	05/31/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2223009
Chloride	6950	200	10	05/31/22	06/01/22	



	Sa	mple D	ata			
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380	Project Name: Project Numbe Project Manage	r: 2108	ch AMT #1 30-0001 is Casey	<b>Reported:</b> 6/2/2022 10:05:32AM		
		811 @ 0.5 ft E205133-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2222080
Benzene	ND	0.250	10	05/27/22	05/31/22	
Ethylbenzene	2.36	0.250	10	05/27/22	05/31/22	
Toluene	4.37	0.250	10	05/27/22	05/31/22	
p-Xylene	3.37	0.250	10	05/27/22	05/31/22	
p,m-Xylene	10.3	0.500	10	05/27/22	05/31/22	
Total Xylenes	13.7	0.250	10	05/27/22	05/31/22	
Surrogate: Bromofluorobenzene		106 %	70-130	05/27/22	05/31/22	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130	05/27/22	05/31/22	
Surrogate: Toluene-d8		102 %	70-130	05/27/22	05/31/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2222080
Gasoline Range Organics (C6-C10)	ND	200	10	05/27/22	05/31/22	
Surrogate: Bromofluorobenzene		106 %	70-130	05/27/22	05/31/22	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130	05/27/22	05/31/22	
Surrogate: Toluene-d8		102 %	70-130	05/27/22	05/31/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: AK		Batch: 2222085
Diesel Range Organics (C10-C28)	14100	250	10	05/31/22	06/01/22	
Dil Range Organics (C28-C36)	6750	500	10	05/31/22	06/01/22	
Surrogate: n-Nonane		83.8 %	50-200	05/31/22	06/01/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2223009
Chloride	10200	400	20	05/31/22	06/01/22	



	Sa	ample D	ata			
Frontier Field Services	Project Name:	Mar	ch AMT #1			
10077 Grogan Mill Rd Ste 300	Project Numbe	er: 210	30-0001			Reported:
The Woodlands TX, 77380	Project Manag	ger: Trav	vis Casey			6/2/2022 10:05:32AM
	S	S12 @ 0.5 ft				
		E205133-08				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2222080
Benzene	ND	0.250	10	05/27/22	05/31/22	
Ethylbenzene	ND	0.250	10	05/27/22	05/31/22	
Toluene	ND	0.250	10	05/27/22	05/31/22	
o-Xylene	ND	0.250	10	05/27/22	05/31/22	
p,m-Xylene	ND	0.500	10	05/27/22	05/31/22	
Total Xylenes	ND	0.250	10	05/27/22	05/31/22	
Surrogate: Bromofluorobenzene		98.3 %	70-130	05/27/22	05/31/22	
Surrogate: 1,2-Dichloroethane-d4		99.3 %	70-130	05/27/22	05/31/22	
Surrogate: Toluene-d8		96.9 %	70-130	05/27/22	05/31/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2222080
Gasoline Range Organics (C6-C10)	ND	200	10	05/27/22	05/31/22	
Surrogate: Bromofluorobenzene		98.3 %	70-130	05/27/22	05/31/22	
Surrogate: 1,2-Dichloroethane-d4		99.3 %	70-130	05/27/22	05/31/22	
Surrogate: Toluene-d8		96.9 %	70-130	05/27/22	05/31/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	vst: AK		Batch: 2222085
Diesel Range Organics (C10-C28)	19900	250	10	05/31/22	05/31/22	
Oil Range Organics (C28-C36)	20200	500	10	05/31/22	05/31/22	
Surrogate: n-Nonane		101 %	50-200	05/31/22	05/31/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	vst: KL		Batch: 2223009
Chloride	5210	200	10	05/31/22	06/01/22	



## QC Summary Data

		200	~~~~~	i y Data					
Frontier Field Services		Project Name:		rch AMT #1					Reported:
10077 Grogan Mill Rd Ste 300		Project Number:	210	080-0001					
The Woodlands TX, 77380		Project Manager:	Tra	vis Casey				6	/2/2022 10:05:32AM
	V	olatile Organic	Compou	nds by EPA	<b>A 8260</b> F	3			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2222080-BLK1)						Ι	Prepared: 0	5/27/22 An	alyzed: 05/31/22
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	0.478		0.500		95.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.7	70-130			
Surrogate: Toluene-d8	0.501		0.500		100	70-130			
LCS (2222080-BS1)						I	Prepared: 0	5/27/22 An	alyzed: 05/31/22
Benzene	2.61	0.0250	2.50		104	70-130			
Ethylbenzene	2.74	0.0250	2.50		109	70-130			
Toluene	2.65	0.0250	2.50		106	70-130			
o-Xylene	2.76	0.0250	2.50		110	70-130			
p,m-Xylene	5.38	0.0500	5.00		108	70-130			
Total Xylenes	8.13	0.0250	7.50		108	70-130			
Surrogate: Bromofluorobenzene	0.506		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.496		0.500		99.2	70-130			
Surrogate: Toluene-d8	0.516		0.500		103	70-130			
LCS Dup (2222080-BSD1)						I	Prepared: 0	5/27/22 An	alyzed: 05/31/22
Benzene	2.70	0.0250	2.50		108	70-130	3.48	23	
Ethylbenzene	2.95	0.0250	2.50		118	70-130	7.39	27	
Toluene	2.81	0.0250	2.50		112	70-130	5.93	24	
o-Xylene	2.94	0.0250	2.50		118	70-130	6.60	27	
p,m-Xylene	5.77	0.0500	5.00		115	70-130	7.03	27	
Total Xylenes	8.71	0.0250	7.50		116	70-130	6.89	27	
			0.500		101	70-130			
Surrogate: Bromofluorobenzene	0.505		0.500		101				
Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4	0.505 0.485		0.500		96.9	70-130			



## QC Summary Data

		QC D		ary Data	•				
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380		Project Name: Project Number: Project Manager:	2	farch AMT #1 1080-0001 ravis Casey					<b>Reported:</b> 6/2/2022 10:05:32AM
The woodiands TX, 7750	No	onhalogenated O		2	5D - G	RO			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	N
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2222080-BLK1)							Prepared: 0	5/27/22 A	analyzed: 05/31/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.478		0.500		95.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.7	70-130			
Surrogate: Toluene-d8	0.501		0.500		100	70-130			
LCS (2222080-BS2)							Prepared: 0	5/27/22 A	analyzed: 05/31/22
Gasoline Range Organics (C6-C10)	53.1	20.0	50.0		106	70-130			
Surrogate: Bromofluorobenzene	0.490		0.500		97.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.502		0.500		100	70-130			
Surrogate: Toluene-d8	0.518		0.500		104	70-130			
LCS Dup (2222080-BSD2)							Prepared: 0	5/27/22 A	analyzed: 05/31/22
Gasoline Range Organics (C6-C10)	57.1	20.0	50.0		114	70-130	7.25	20	
Surrogate: Bromofluorobenzene	0.495		0.500		99.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.1	70-130			
Surrogate: Toluene-d8	0.527		0.500		105	70-130			



## **QC Summary Data**

		QC S	uIIIII	ary Data					
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380		Project Name: Project Number: Project Manager:	2	1arch AMT #1 1080-0001 Travis Casey					<b>Reported:</b> 6/2/2022 10:05:32AM
	Nonh	alogenated Org	anics by	EPA 8015D	- DRO	/ORO			Analyst: AK
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2222085-BLK1)							Prepared: 0	5/31/22 A	analyzed: 05/31/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	55.7		50.0		111	50-200			
LCS (2222085-BS1)							Prepared: 0	5/31/22 A	analyzed: 05/31/22
Diesel Range Organics (C10-C28)	501	25.0	500		100	38-132			
Surrogate: n-Nonane	52.8		50.0		106	50-200			
Matrix Spike (2222085-MS1)				Source: <b>F</b>	205133-	02	Prepared: 0	5/31/22 A	analyzed: 05/31/22
Diesel Range Organics (C10-C28)	15300	500	500	15500	NR	38-132			M4
Surrogate: n-Nonane	81.1		50.0		162	50-200			
Matrix Spike Dup (2222085-MSD1)				Source: <b>F</b>	205133-	02	Prepared: 0	5/31/22 A	analyzed: 05/31/22
Diesel Range Organics (C10-C28)	16600	500	500	15500	221	38-132	7.88	20	M4
Surrogate: n-Nonane	82.2		50.0		164	50-200			



## **QC Summary Data**

			•						
Frontier Field Services 10077 Grogan Mill Rd Ste 300		Project Name: Project Number:	2	March AMT #1 21080-0001					Reported:
The Woodlands TX, 77380		Project Manager:	1	Travis Casey					6/2/2022 10:05:32AM
		Anions	by EPA	300.0/9056A	1				Analyst: KL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2223009-BLK1)							Prepared: 0	5/31/22 A	nalyzed: 05/31/22
Chloride	ND	20.0							
LCS (2223009-BS1)							Prepared: 0	5/31/22 A	nalyzed: 05/31/22
Chloride	258	20.0	250		103	90-110			
Matrix Spike (2223009-MS1)				Source:	E205133-	01	Prepared: 0	5/31/22 A	nalyzed: 05/31/22
Chloride	3530	20.0	250	3350	72.4	80-120			M4
Matrix Spike Dup (2223009-MSD1)				Source:	E205133-(	01	Prepared: 0	5/31/22 A	nalyzed: 05/31/22
Chloride	3840	20.0	250	3350	196	80-120	8.37	20	M4

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.



		D CHIMICIONS		
Fre	ontier Field Services	Project Name:	March AMT #1	
10	077 Grogan Mill Rd Ste 300	Project Number:	21080-0001	Reported:
Th	e Woodlands TX, 77380	Project Manager:	Travis Casey	06/02/22 10:05

M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.

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.

Reproject Information

Received by OCD: 8/10/2022 11:53:26 AM

nent. 1	rontier Fie	ld Servic	es		Bill To				Lab	Use O	nly				TA	Т	EPA P	rogram
	March AN				Attention: Frontier Field Se	Lab W	0#			Nun		1D	2D	3D	Standard	CWA	SDWA	
A STATE OF A	lanager:				Address: 10077 Gorgan's Mil		Eac	05	13	321	080	-6001				Х		
ddress:			ens Stree		City, State, Zip The Woodlar	nds, Tx 77380				Ana	lysis a	and Metho	bd	_		-		RCRA
ity, Stat	e, Zip Ca		IM 88220	0	Phone: 575-703-7992		by b	-	-		-		-	-				-
hone:		89-5949			Email: AGroves@durangomic	dstream.com	ORC			1.	100					1.	State	
	Travis.case		com	-			RO/		51	0 0	0.0		WN	1.2		NM CO	UT AZ	TX
eport d	ue by:	5 Days					30/1		by 8021	6010	le 3(			TX		×		S. 1
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number	TPH GF	8015		VOC by 8260 Metals 6010	Chloride 300.0		BGDOC	BGDOC			Remarks	
12:55	5/23/22	S	1		SS01 @ 0.5 ft		01@0.5ft / XX X X		Ľ			Discrete						
13:00	5/23/22	S	1		SS02 @ 0.5 ft	2		x	x		x						Discrete	
13:05	5/23/22	S	1	· · · · · · · · · · · · · · · · · · ·	SS03 @ 0.5 ft	3	;	x	x		x						Discrete	
13:10	5/23/22	S	1	12	SSO4 @ 0.5 ft	4	;	x	x		x						Discrete	
13:15	5/23/22	S	1		SS05 @ 0.5 ft	5	2	x	x		x					_	Discrete	
13:20	5/23/22	S	1		SS10 @ 0.5 ft			x	x		x					Discrete		
13:25	5/23/22	S	1		SS11 @ 0.5 ft	7	2	x	x		x						Discrete	
13:30	5/23/22	S	1		SS12 @ 0.5 ft	8	3	x	x		x						Discrete	
Additior	al Instruct	tions:																
	Car de la recordence.	and the second		ticity of this sample. I may be grounds for le	am aware that tampering with or intentionally gal action. n Sampled by:	mislabelling the sampl	e location,			1.						eived on ice the day t °C on subsequent da		ed or receive
CALL DUCTION	ed by: (Signa		Date	e Time	254mi Received by: (Signature) Received by: (Signature) Received by: (Signature)	Date/	1-22	me ID. me	:2	5 Rec	ceive	d on ice:	Q	ab U 2/ N	se On			1
telinquish	ed by: (Signa	ature)	Date	e Time	Received by: (Signature)	Date	ZC/(	me	0	<u>T1</u>	с.т.		<u>T2</u>			<u>T3</u>		
ample Ma	wine C. Call Cal	Colid Co	Sludge A	Aquaque Q. Other		Containa	r Typo: c					mp°C_	(	ee	VOA		-	
				Aqueous, O - Other	unless other arrangements are made. Haz						_	c, ag - amb				port for the see	منادكم مزمير	have
					pratory with this COC. The liability of the la							n at the clie	in exp	ense.	ine re	iro	ysis of the a	nove

## **Envirotech Analytical Laboratory**

	: Please take note of any NO checkmarks. e no response concerning these items within 24 hours of the	-	-	Checklist (SR)		avested.	
Client:		ate Received:	05/25/22			Work Order ID:	E205133
Phone:		ate Logged In:	05/25/22			Logged In By:	Caitlin Christian
Email:	· /	ue Date:		17:00 (4 day TAT	)	Lögged in Dy.	Cartini Christian
~							
	f Custody (COC)		<b>N</b>				
	the sample ID match the COC? the number of samples per sampling site location match	the COC	Yes				
	samples dropped off by client or carrier?	ulecoe	Yes Yes	<u> </u>	UDC		
	he COC complete, i.e., signatures, dates/times, requested	analyses?	Yes	Carrier:	<u>UPS</u>		
	all samples received within holding time?	anaryses.	Yes				
, were a	Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	e field,	103			Commen	ts/Resolution
Sample '	Turn Around Time (TAT)						
	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample	Cooler						
7. Was a	sample cooler received?		Yes				
3. If yes,	, was cooler received in good condition?		Yes				
9. Was tl	he sample(s) received intact, i.e., not broken?		Yes				
0. 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 visible ice, record the temperature. Actual sample ter	ceived w/i 15	Yes				
Sample	Container						
	aqueous VOC samples present?		No				
15. Are `	VOC samples collected in VOA Vials?		NA				
16. Is the	e head space less than 6-8 mm (pea sized or less)?		NA				
17. Was	a trip blank (TB) included for VOC analyses?		NA				
8. Are 1	non-VOC samples collected in the correct containers?		Yes				
19. Is the	appropriate volume/weight or number of sample containers	collected?	Yes				
Field La	<u>ıbel</u>						
	e field sample labels filled out with the minimum inform	ation:					
	Sample ID?		Yes				
	Date/Time Collected? Collectors name?		Yes				
	Preservation		No				
_	the COC or field labels indicate the samples were prese	erved?	No				
	sample(s) correctly preserved?		NA				
	b filteration required and/or requested for dissolved meta	ıls?	No				
	ase Sample Matrix						
	the sample have more than one phase, i.e., multiphase?		No				
	s, does the COC specify which phase(s) is to be analyze		NA				
Subcont	ract Laboratory						
	samples required to get sent to a subcontract laboratory?		No				
	a subcontract laboratory specified by the client and if so		NA	Subcontract La	ab: na		
Client I	Instruction						

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





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: March A

March AMT #1

Work Order: E205157

Job Number: 21080-0001

Received: 5/31/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 6/6/22

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: 6/6/22

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

Project Name: March AMT #1 Workorder: E205157 Date Received: 5/31/2022 8:45:00AM

Travis Casey,



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Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/31/2022 8:45:00AM, under the Project Name: March AMT #1.

The analytical test results summarized in this report with the Project Name: March AMT #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)

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

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## Sample Summary

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		Sample Sum	mai y		
Frontier Field Services		Project Name:	March AMT #1		Reported:
10077 Grogan Mill Rd Ste 300		Project Number:	21080-0001		Reporteu
The Woodlands TX, 77380		Project Manager:	Travis Casey		06/06/22 15:10
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH01 @ 1 ft	E205157-01A	Soil	05/26/22	05/31/22	Glass Jar, 2 oz.
BH01 @ 3 ft	E205157-02A	Soil	05/23/22	05/31/22	Glass Jar, 2 oz.
BH02 @ 1 ft	E205157-03A	Soil	05/26/22	05/31/22	Glass Jar, 2 oz.
BH02 @ 3 ft	E205157-04A	Soil	05/26/22	05/31/22	Glass Jar, 2 oz.
BH03 @ 1 ft	E205157-05A	Soil	05/26/22	05/31/22	Glass Jar, 2 oz.
BH03 @ 2 ft	E205157-06A	Soil	05/26/22	05/31/22	Glass Jar, 2 oz.



	50	imple D	ala			
Frontier Field Services	Project Name:	Mar	ch AMT #1			
10077 Grogan Mill Rd Ste 300	Project Numbe	er: 2108	80-0001			Reported:
The Woodlands TX, 77380	Project Manag	er: Trav	vis Casey			6/6/2022 3:10:57PM
	В	BH01 @ 1 ft				
	]	E205157-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2223049
Benzene	ND	0.0250	1	06/03/22	06/03/22	
Ethylbenzene	ND	0.0250	1	06/03/22	06/03/22	
Foluene	ND	0.0250	1	06/03/22	06/03/22	
p-Xylene	0.0265	0.0250	1	06/03/22	06/03/22	
o,m-Xylene	ND	0.0500	1	06/03/22	06/03/22	
Fotal Xylenes	0.0265	0.0250	1	06/03/22	06/03/22	
Surrogate: 4-Bromochlorobenzene-PID		88.7 %	70-130	06/03/22	06/03/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2223049
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/22	06/03/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.9 %	70-130	06/03/22	06/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2223056
Diesel Range Organics (C10-C28)	66.4	25.0	1	06/03/22	06/04/22	
Dil Range Organics (C28-C36)	53.4	50.0	1	06/03/22	06/04/22	
Surrogate: n-Nonane		94.6 %	50-200	06/03/22	06/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2223048
Chloride	58.9	20.0	1	06/03/22	06/03/22	

## **Sample Data**



	De	ample D	ala				
Frontier Field Services	Project Name:	Mar	ch AMT #1				
10077 Grogan Mill Rd Ste 300	Project Number	er: 2108	30-0001			Reported:	
The Woodlands TX, 77380	Project Manag	ger: Trav	is Casey			6/6/2022 3:10:57PM	
	E	BH01 @ 3 ft					
		E205157-02					
		Reporting					
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2223049	
Benzene	ND	0.0250	1	06/03/22	06/03/22		
Ethylbenzene	ND	0.0250	1	06/03/22	06/03/22		
`oluene	ND	0.0250	1	06/03/22	06/03/22		
o-Xylene	ND	0.0250	1	06/03/22	06/03/22		
o,m-Xylene	ND	0.0500	1	06/03/22	06/03/22		
Total Xylenes	ND	0.0250	1	06/03/22	06/03/22		
Surrogate: 4-Bromochlorobenzene-PID		87.6 %	70-130	06/03/22	06/03/22		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2223049	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/22	06/03/22		
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.3 %	70-130	06/03/22	06/03/22		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: JL		Batch: 2223056	
Diesel Range Organics (C10-C28)	28.0	25.0	1	06/03/22	06/04/22		
Dil Range Organics (C28-C36)	ND	50.0	1	06/03/22	06/04/22		
urrogate: n-Nonane		104 %	50-200	06/03/22	06/04/22		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: KL		Batch: 2223048	
Chloride	117	20.0	1	06/03/22	06/03/22		



Sa	imple D	ala			
Project Name:					
5					Reported:
Project Manage	er: Trav	is Casey			6/6/2022 3:10:57PM
В	H02 @ 1 ft				
]	E205157-03				
	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	rst: IY		Batch: 2223049
ND	0.0250	1	06/03/22	06/03/22	
ND	0.0250	1	06/03/22	06/03/22	
ND	0.0250	1	06/03/22	06/03/22	
0.0442	0.0250	1	06/03/22	06/03/22	
ND	0.0500	1	06/03/22	06/03/22	
0.0442	0.0250	1	06/03/22	06/03/22	
	87.9 %	70-130	06/03/22	06/03/22	
mg/kg	mg/kg	Analy	vst: IY		Batch: 2223049
ND	20.0	1	06/03/22	06/03/22	
!	93.3 %	70-130	06/03/22	06/03/22	
mg/kg	mg/kg	Analy	rst: JL		Batch: 2223056
688	25.0	1	06/03/22	06/04/22	
508	50.0	1	06/03/22	06/04/22	
	96.8 %	50-200	06/03/22	06/04/22	
mg/kg	mg/kg	Analy	st: KL		Batch: 2223048
376	20.0	1	06/03/22	06/03/22	
	Project Name: Project Numbe Project Manage B Result Mg/kg ND ND 0.0442 ND 0.0442 ND 0.0442 ND 0.0442 ND 0.0442 ND 0.0442	Project Name:     Mar       Project Number:     2108       Project Manager:     Trav       BH02 @ 1 ft     E205157-03       BH02 @ 1 ft     E205157-03       Result     Limit       mg/kg     mg/kg       ND     0.0250       ND     20.0       g87.9 %     g/kg       mg/kg     mg/kg       mg/kg     5.0       508     50.0       96.8 %     mg/kg       mg/kg     mg/kg	Project Number:   21080-0001     Project Manager:   Travis Casey     BH02 @ 1 ft     E205157-03     Reporting     Reporting     Result   Limit   Dilution     mg/kg   mg/kg   Analy     ND   0.0250   1     Mg/kg   Mg/kg   Analy     Mg/kg   Mg/kg   Analy     Mg/kg   1   1     Mg/kg   50.0   1     Mg/kg   50.200   1     Mg/kg   Mg/kg   Analy	Image in the series of the s	Image: March AMT #1     Project Name: 21080-0001     Project Manager: Travis Casey     BH02 @ 1 ft     E205157-03     BH02 @ 1 ft     E205157-03     Result   Dilution   Prepared   Analyzed     Mg/kg   Analyst: IY     ND   0.0250   1   06/03/22   06/03/22     ND   20.0   1   06/03/22   06/03/22     MD   20.0   1   06/03/22   06/03/22   06/03/22     ND   20.0   1   06/03/22   06/03/22   06/0



	5	ample D	ala				
Frontier Field Services 10077 Grogan Mill Rd Ste 300	Project Name: Project Numbe		ch AMT #1 80-0001				Reported:
The Woodlands TX, 77380	Project Manag		vis Casey				6/6/2022 3:10:57PM
	I	BH02 @ 3 ft					
		E205157-04					
		Reporting					
Analyte	Result	Limit	Dilut	tion P	repared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	I	Analyst: IY			Batch: 2223049
Benzene	ND	0.0250	1	0	6/03/22	06/03/22	
Ethylbenzene	ND	0.0250	1	0	6/03/22	06/03/22	
Toluene	ND	0.0250	1	0	6/03/22	06/03/22	
p-Xylene	ND	0.0250	1	0	6/03/22	06/03/22	
o,m-Xylene	ND	0.0500	1	0	6/03/22	06/03/22	
Total Xylenes	ND	0.0250	1	0	6/03/22	06/03/22	
Surrogate: 4-Bromochlorobenzene-PID		88.1 %	70-130	0	6/03/22	06/03/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY			Batch: 2223049
Gasoline Range Organics (C6-C10)	ND	20.0	1	0	6/03/22	06/03/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.3 %	70-130	0	6/03/22	06/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL			Batch: 2223056
Diesel Range Organics (C10-C28)	195	25.0	1	0	6/03/22	06/04/22	
Oil Range Organics (C28-C36)	154	50.0	1	0	6/03/22	06/04/22	
Surrogate: n-Nonane		99.3 %	50-200	0	6/03/22	06/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: KL			Batch: 2223048
Chloride	280	20.0	1	0	6/03/22	06/03/22	



	50	ampie D	ala			
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380	Project Name: Project Numbe Project Manag	er: 2108	ch AMT #1 80-0001 ⁄is Casey			<b>Reported:</b> 6/6/2022 3:10:57PM
	F	BH03 @ 1 ft				
		E205157-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: IY		Batch: 2223049
Benzene	ND	0.0250	1	06/03/22	06/03/22	
Ethylbenzene	ND	0.0250	1	06/03/22	06/03/22	
Toluene	ND	0.0250	1	06/03/22	06/03/22	
-Xylene	ND	0.0250	1	06/03/22	06/03/22	
o,m-Xylene	ND	0.0500	1	06/03/22	06/03/22	
Total Xylenes	ND	0.0250	1	06/03/22	06/03/22	
urrogate: 4-Bromochlorobenzene-PID		86.7 %	70-130	06/03/22	06/03/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	mg/kg Analyst: IY			Batch: 2223049
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/22	06/03/22	
urrogate: 1-Chloro-4-fluorobenzene-FID		94.0 %	70-130	06/03/22	06/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: JL		Batch: 2223056
Diesel Range Organics (C10-C28)	47.3	25.0	1	06/03/22	06/04/22	
Dil Range Organics (C28-C36)	ND	50.0	1	06/03/22	06/04/22	
Gurrogate: n-Nonane		95.1 %	50-200	06/03/22	06/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: KL		Batch: 2223048
Chloride	103	20.0	1	06/03/22	06/03/22	



	~.	impic D				
Frontier Field Services	Project Name:	Mar	ch AMT #1			
10077 Grogan Mill Rd Ste 300	Project Number: 21		80-0001	Reported:		
The Woodlands TX, 77380	Project Manag	er: Trav	vis Casey			6/6/2022 3:10:57PM
	E	BH03 @ 2 ft				
		E205157-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	ng/kg Analyst: IY			Batch: 2223049
Benzene	ND	0.0250	1	06/03/22	06/03/22	
Ethylbenzene	ND	0.0250	1	06/03/22	06/03/22	
Toluene	ND	0.0250	1	06/03/22	06/03/22	
p-Xylene	ND	0.0250	1	06/03/22	06/03/22	
o,m-Xylene	ND	0.0500	1	06/03/22	06/03/22	
Fotal Xylenes	ND	0.0250	1	06/03/22	06/03/22	
urrogate: 4-Bromochlorobenzene-PID		87.0 %	70-130	06/03/22	06/03/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	mg/kg Analyst: IY			Batch: 2223049
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/22	06/03/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.8 %	70-130	06/03/22	06/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2223056
Diesel Range Organics (C10-C28)	60.2	25.0	1	06/03/22	06/04/22	
Dil Range Organics (C28-C36)	ND	50.0	1	06/03/22	06/04/22	
Surrogate: n-Nonane		106 %	50-200	06/03/22	06/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: KL		Batch: 2223048
Chloride	46.3	20.0	1	06/03/22	06/05/22	



## QC Summary Data

	Project Name:	Μ	arch AMT #1					Reported:
	Project Number: Project Manager:		080-0001 avis Casey					6/6/2022 3:10:57PM
	Volatile O	rganics b	y EPA 8021	IB				Analyst: IY
	Reporting	Spike	Source		Rec		RPD	
Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
						Prepared: 0	6/03/22 A	nalyzed: 06/03/22
ND	0.0250							
ND								
ND	0.0250							
ND								
ND	0.0500							
ND	0.0250							
7.08		8.00		88.5	70-130			
						Prepared: 0	6/03/22 A	analyzed: 06/03/22
5.06	0.0250	5.00		101	70-130			
5.42	0.0250	5.00		108	70-130			
5.63	0.0250	5.00		113	70-130			
5.35	0.0250	5.00		107	70-130			
11.0	0.0500	10.0		110	70-130			
16.4	0.0250	15.0		109	70-130			
7.10		8.00		88.7	70-130			
			Source: I	E <b>205158-</b> (	01	Prepared: 0	6/03/22 A	analyzed: 06/03/22
5.54	0.0250	5.00	ND	111	54-133			
5.49	0.0250	5.00	ND	110	61-133			
5.84	0.0250	5.00	ND	117	61-130			
5.37	0.0250	5.00	ND	107	63-131			
11.1	0.0500	10.0	ND	111	63-131			
16.5	0.0250	15.0	ND	110	63-131			
7.02		8.00		87.7	70-130			
			Source: I	E205158-0	01	Prepared: 0	6/03/22 A	analyzed: 06/03/22
5.64	0.0250	5.00	ND	113	54-133	1.82	20	
5.60	0.0250	5.00	ND	112	61-133	2.12	20	
5.93	0.0250	5.00	ND	119	61-130	1.50	20	
5.49	0.0250	5.00	ND	110	63-131	2.37	20	
11.4	0.0500	10.0	ND	114	63-131	2.00	20	
11.1	0.0500							
	mg/kg ND ND ND ND ND 7.08 5.06 5.42 5.63 5.35 11.0 16.4 7.10 5.54 5.42 5.63 5.35 11.0 16.4 7.10 5.54 5.84 5.37 11.1 16.5 7.02 5.64 5.60 5.93 5.49	ND     0.0250       7.08	ND     0.0250       S.06     0.0250       5.06     0.0250       5.00     5.00       5.42     0.0250       5.03     0.0250       5.04     0.0250       5.54     0.0250       5.54     0.0250       5.54     0.0250       5.54     0.0250       5.50     5.00       5.37     0.0250       5.00     5.00       5.37     0.0250       5.00     5.00       5.50     5.00 <t< td=""><td>ND     0.0250     Spike     Source       Result     mg/kg     mg/kg     mg/kg     mg/kg       ND     0.0250     ND     0.0250       ND     0.0250     Source     Result       5.06     0.0250     5.00     Source       5.63     0.0250     5.00     Source       5.64     0.0250     5.00     ND       1.1.0     0.0500     10.0     ND       5.54     0.0250     5.00     ND       5.49     0.0250     5.00     ND       5.37     0.0250     5.00     ND       5.37     0.0250     5.00     ND       1.1.1     0.0500     10.0<!--</td--><td>ND     0.0250     Source       Result     mg/kg     mg/kg     mg/kg     mg/kg     %       ND     0.0250     mg/kg     mg/kg     %       ND     0.0250     mD     0.0250       ND     0.0250     start     mD       5.06     0.0250     5.00     101       5.42     0.0250     5.00     103       5.43     0.0250     5.00     107       11.0     0.0500     100     110       16.4     0.0250     5.00     109       7.10     &amp;.00     88.7       Source: E205158-4       5.54     0.0250     5.00     ND     111       5.49     0.0250     5.00     ND     117       5.37     0.0250     5.00     <td< td=""><td>ND     0.0250     No     Rec     Rec     Limit     Spike     Source     Rec     Rec     Limits     %       mg/kg     mg/kg     mg/kg     mg/kg     mg/kg     %     %     %       ND     0.0250     mg/kg     mg/kg     %     %     %       ND     0.0250     ND     0.0250     ND     %     %       ND     0.0250     ND     0.0250     %     %     %       5.06     0.0250     5.00     101     70-130       5.42     0.0250     5.00     108     70-130       5.43     0.0250     5.00     107     70-130       5.44     0.0250     5.00     107     70-130       5.45     0.0250     5.00     107     70-130       11.0     0.0500     10.0     110     70-130       7.10     8.00     88.7     70-130       7.10     8.00     107     70-130       5.54     0.0250     5.</td><td>No     Spike     Source     Rec     Limit     RPD       mg/kg     mg/kg     mg/kg     mg/kg     %     %     %       ND     0.0250     mg/kg     mg/kg     %     %     %       ND     0.0250     ND     0.0250     ND     0.0250     ND     %     %       ND     0.0250     ND     0.0250     ND     0.0250     ND     %     %     %       7.08     8.00     88.5     70-130     70-</td><td>ND     Spike Limit     Source Level     Rec Result     Rec %     Rec %     RPD %     RPD %     RPD %       ND     0.0250     mg/kg     mg/kg     mg/kg     %     %     %     %       ND     0.0250     nD     0.0250     nD     nD     0.0250       ND     0.0250     nD     0.0250     nD     0.0250       ND     0.0250     nD     101     70-130     nD       7.08     8.00     88.5     70-130     nD     nD       5.33     0.0250     5.00     113     70-130     nD     nD       7.10     8.00     88.7     70-130     nD     nD     nD       7.10     8.00     ND     110     61-133     nD     nD</td></td<></td></td></t<>	ND     0.0250     Spike     Source       Result     mg/kg     mg/kg     mg/kg     mg/kg       ND     0.0250     ND     0.0250       ND     0.0250     Source     Result       5.06     0.0250     5.00     Source       5.63     0.0250     5.00     Source       5.64     0.0250     5.00     ND       1.1.0     0.0500     10.0     ND       5.54     0.0250     5.00     ND       5.49     0.0250     5.00     ND       5.37     0.0250     5.00     ND       5.37     0.0250     5.00     ND       1.1.1     0.0500     10.0 </td <td>ND     0.0250     Source       Result     mg/kg     mg/kg     mg/kg     mg/kg     %       ND     0.0250     mg/kg     mg/kg     %       ND     0.0250     mD     0.0250       ND     0.0250     start     mD       5.06     0.0250     5.00     101       5.42     0.0250     5.00     103       5.43     0.0250     5.00     107       11.0     0.0500     100     110       16.4     0.0250     5.00     109       7.10     &amp;.00     88.7       Source: E205158-4       5.54     0.0250     5.00     ND     111       5.49     0.0250     5.00     ND     117       5.37     0.0250     5.00     <td< td=""><td>ND     0.0250     No     Rec     Rec     Limit     Spike     Source     Rec     Rec     Limits     %       mg/kg     mg/kg     mg/kg     mg/kg     mg/kg     %     %     %       ND     0.0250     mg/kg     mg/kg     %     %     %       ND     0.0250     ND     0.0250     ND     %     %       ND     0.0250     ND     0.0250     %     %     %       5.06     0.0250     5.00     101     70-130       5.42     0.0250     5.00     108     70-130       5.43     0.0250     5.00     107     70-130       5.44     0.0250     5.00     107     70-130       5.45     0.0250     5.00     107     70-130       11.0     0.0500     10.0     110     70-130       7.10     8.00     88.7     70-130       7.10     8.00     107     70-130       5.54     0.0250     5.</td><td>No     Spike     Source     Rec     Limit     RPD       mg/kg     mg/kg     mg/kg     mg/kg     %     %     %       ND     0.0250     mg/kg     mg/kg     %     %     %       ND     0.0250     ND     0.0250     ND     0.0250     ND     %     %       ND     0.0250     ND     0.0250     ND     0.0250     ND     %     %     %       7.08     8.00     88.5     70-130     70-</td><td>ND     Spike Limit     Source Level     Rec Result     Rec %     Rec %     RPD %     RPD %     RPD %       ND     0.0250     mg/kg     mg/kg     mg/kg     %     %     %     %       ND     0.0250     nD     0.0250     nD     nD     0.0250       ND     0.0250     nD     0.0250     nD     0.0250       ND     0.0250     nD     101     70-130     nD       7.08     8.00     88.5     70-130     nD     nD       5.33     0.0250     5.00     113     70-130     nD     nD       7.10     8.00     88.7     70-130     nD     nD     nD       7.10     8.00     ND     110     61-133     nD     nD</td></td<></td>	ND     0.0250     Source       Result     mg/kg     mg/kg     mg/kg     mg/kg     %       ND     0.0250     mg/kg     mg/kg     %       ND     0.0250     mD     0.0250       ND     0.0250     start     mD       5.06     0.0250     5.00     101       5.42     0.0250     5.00     103       5.43     0.0250     5.00     107       11.0     0.0500     100     110       16.4     0.0250     5.00     109       7.10     &.00     88.7       Source: E205158-4       5.54     0.0250     5.00     ND     111       5.49     0.0250     5.00     ND     117       5.37     0.0250     5.00 <td< td=""><td>ND     0.0250     No     Rec     Rec     Limit     Spike     Source     Rec     Rec     Limits     %       mg/kg     mg/kg     mg/kg     mg/kg     mg/kg     %     %     %       ND     0.0250     mg/kg     mg/kg     %     %     %       ND     0.0250     ND     0.0250     ND     %     %       ND     0.0250     ND     0.0250     %     %     %       5.06     0.0250     5.00     101     70-130       5.42     0.0250     5.00     108     70-130       5.43     0.0250     5.00     107     70-130       5.44     0.0250     5.00     107     70-130       5.45     0.0250     5.00     107     70-130       11.0     0.0500     10.0     110     70-130       7.10     8.00     88.7     70-130       7.10     8.00     107     70-130       5.54     0.0250     5.</td><td>No     Spike     Source     Rec     Limit     RPD       mg/kg     mg/kg     mg/kg     mg/kg     %     %     %       ND     0.0250     mg/kg     mg/kg     %     %     %       ND     0.0250     ND     0.0250     ND     0.0250     ND     %     %       ND     0.0250     ND     0.0250     ND     0.0250     ND     %     %     %       7.08     8.00     88.5     70-130     70-</td><td>ND     Spike Limit     Source Level     Rec Result     Rec %     Rec %     RPD %     RPD %     RPD %       ND     0.0250     mg/kg     mg/kg     mg/kg     %     %     %     %       ND     0.0250     nD     0.0250     nD     nD     0.0250       ND     0.0250     nD     0.0250     nD     0.0250       ND     0.0250     nD     101     70-130     nD       7.08     8.00     88.5     70-130     nD     nD       5.33     0.0250     5.00     113     70-130     nD     nD       7.10     8.00     88.7     70-130     nD     nD     nD       7.10     8.00     ND     110     61-133     nD     nD</td></td<>	ND     0.0250     No     Rec     Rec     Limit     Spike     Source     Rec     Rec     Limits     %       mg/kg     mg/kg     mg/kg     mg/kg     mg/kg     %     %     %       ND     0.0250     mg/kg     mg/kg     %     %     %       ND     0.0250     ND     0.0250     ND     %     %       ND     0.0250     ND     0.0250     %     %     %       5.06     0.0250     5.00     101     70-130       5.42     0.0250     5.00     108     70-130       5.43     0.0250     5.00     107     70-130       5.44     0.0250     5.00     107     70-130       5.45     0.0250     5.00     107     70-130       11.0     0.0500     10.0     110     70-130       7.10     8.00     88.7     70-130       7.10     8.00     107     70-130       5.54     0.0250     5.	No     Spike     Source     Rec     Limit     RPD       mg/kg     mg/kg     mg/kg     mg/kg     %     %     %       ND     0.0250     mg/kg     mg/kg     %     %     %       ND     0.0250     ND     0.0250     ND     0.0250     ND     %     %       ND     0.0250     ND     0.0250     ND     0.0250     ND     %     %     %       7.08     8.00     88.5     70-130     70-	ND     Spike Limit     Source Level     Rec Result     Rec %     Rec %     RPD %     RPD %     RPD %       ND     0.0250     mg/kg     mg/kg     mg/kg     %     %     %     %       ND     0.0250     nD     0.0250     nD     nD     0.0250       ND     0.0250     nD     0.0250     nD     0.0250       ND     0.0250     nD     101     70-130     nD       7.08     8.00     88.5     70-130     nD     nD       5.33     0.0250     5.00     113     70-130     nD     nD       7.10     8.00     88.7     70-130     nD     nD     nD       7.10     8.00     ND     110     61-133     nD     nD



## **QC Summary Data**

		QC D	uIIIII	aly Data					
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380		Project Name: Project Number: Project Manager:	2	1arch AMT #1 1080-0001 Travis Casey					<b>Reported:</b> 6/6/2022 3:10:57PM
	No	nhalogenated O	Organics	by EPA 801	5D - GI	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 (2223049-BLK1)							Prepared: 0	6/03/22 A	analyzed: 06/03/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.23		8.00		90.3	70-130			
LCS (2223049-BS2)							Prepared: 0	6/03/22 A	nalyzed: 06/03/22
Gasoline Range Organics (C6-C10)	47.9	20.0	50.0		95.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.37		8.00		92.1	70-130			
Matrix Spike (2223049-MS2)				Source: <b>H</b>	E205158-0	01	Prepared: 0	6/03/22 A	nalyzed: 06/03/22
Gasoline Range Organics (C6-C10)	45.9	20.0	50.0	ND	91.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.14		8.00		89.2	70-130			
Matrix Spike Dup (2223049-MSD2)				Source: I	E205158-0	01	Prepared: 0	6/03/22 A	nalyzed: 06/03/22
Gasoline Range Organics (C6-C10)	47.2	20.0	50.0	ND	94.4	70-130	2.74	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.44		8.00		93.0	70-130			

envirotech Inc.

## QC Summary Data

		QC D	u111111	ary Data					
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380		Project Name: Project Number: Project Manager:	2	farch AMT #1 1080-0001 ravis Casey					<b>Reported:</b> 6/6/2022 3:10:57PM
	Nonh	alogenated Org	anics by	EPA 8015D	- DRO	/ORO			Analyst: JL
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2223056-BLK1)							Prepared: 0	6/03/22 A	nalyzed: 06/03/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.3		50.0		105	50-200			
LCS (2223056-BS1)							Prepared: 0	6/03/22 A	analyzed: 06/03/22
Diesel Range Organics (C10-C28)	498	25.0	500		99.7	38-132			
Surrogate: n-Nonane	50.7		50.0		101	50-200			
Matrix Spike (2223056-MS1)				Source: H	205158-	01	Prepared: 0	6/03/22 A	analyzed: 06/03/22
Diesel Range Organics (C10-C28)	503	25.0	500	ND	101	38-132			
Surrogate: n-Nonane	51.0		50.0		102	50-200			
Matrix Spike Dup (2223056-MSD1)				Source: I	205158-	01	Prepared: 0	6/03/22 A	analyzed: 06/03/22
Diesel Range Organics (C10-C28)	510	25.0	500	ND	102	38-132	1.37	20	
Surrogate: n-Nonane	50.3		50.0		101	50-200			

## **QC Summary Data**

		Y V V		ary Data					
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380		Project Name: Project Number: Project Manager:		March AMT #1 21080-0001 Travis Casey					<b>Reported:</b> 6/6/2022 3:10:57PM
		Anions l	by EPA	300.0/9056A					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 (2223048-BLK1)							Prepared: 0	6/03/22 A	nalyzed: 06/03/22
Chloride	ND	20.0							
LCS (2223048-BS1)							Prepared: 0	6/03/22 A	nalyzed: 06/03/22
Chloride	244	20.0	250		97.7	90-110			
Matrix Spike (2223048-MS1)				Source: I	E <b>205157-</b> (	01	Prepared: 0	6/03/22 A	nalyzed: 06/03/22
Chloride	297	20.0	250	58.9	95.4	80-120			
Matrix Spike Dup (2223048-MSD1)				Source: I	E205157-0	01	Prepared: 0	6/03/22 A	nalyzed: 06/03/22
Chloride	310	20.0	250	58.9	100	80-120	4.02	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.



Frontier Field Services	Project Name:	March AMT #1	
10077 Grogan Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Travis Casey	06/06/22 15:10

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 11:53:26 AM

	rontier Fie	ld Servic	es		Bill To		1		La	b Us	e On	ly				TA	Т		EPA P	rogram
	March AN				Attention: Frontier Field Se		Lab W	VO#				Numb		1D	2D	3D	Stan	dard	CWA	SDWA
	Aanager:				Address: 10077 Gorgan's Mil		ER	05	131	F	-		1000				)	Х		1
Address:			ens Street		City, State, Zip The Woodlar	nds, Tx 77380	-			ŀ	Analy	sis and	d Metho	d						RCRA
	te, Zip Ca		M 88220	0	Phone: 575-703-7992		vd C	han	2017											
hone:		89-5949		-	Email: AGroves@durangomic	dstream.com	OBC	DIAL DIAL											State	
	Travis.case		com	-			BO/	ואטו	21	0	0	300.0		WN			N	M CO	UT AZ	TX
Report d	1	5 Days	-						y 8021	826	601	le 3(		1.00	TX		02	×		*
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number	TPH GRO/DRO/DRO hv	8015	BTEX by	VOC by 8260	Metals 6010	Chloride :		BGDOC	BGDOC				Remarks	
13:20	5/26/22	S	1		BH01 @ 1 ft	1		x	x			x							Discrete	
13:28	5/23/22	S	1		BH01 @ 3 ft	2		x	x			х							Discrete	
13:30	5/26/22	S	1		BH02 @ 1 ft	3		x	x			х							Discrete	
13:38	5/26/22	S	1		BH02 @ 3 ft	4		x	х			х							Discrete	- P a
13:40	5/26/22	S	1		BH03 @ 1 ft	5		x	х			x							Discrete	
13:44	5/26/22	S	1		BH03 @ 2 ft	6		x	x			x				-			Discrete	
						6		_					_				_			
		_							-					-			_			
-													-							
Addition	al Instruct	ions:		1						-										
				icity of this sample. I a may be grounds for leg	m aware that tampering with or intentionally al action. <u>N Sampled by:</u>	mislabelling the sample	e location	ı,										ce the day t psequent da	hey are sample ys.	ed or received
Non	ed by: (Signa			127/2022 10:2	Received by: (Signature)	WM S-J	7-22	ime 10	:3	24	Rece	ived o	on ice:		ab Us	se Onl	Y			
lea		Mark		·27-22 Time:	45 plante Chit	5/31/2			45	-	T1			<u>T2</u>			<u></u>	3		
telinquish	ed by: (Signa	ture)	Date	Time	Received by: (Signature)	Date	Ti	ime			AVG	Temp	°c_4	1						
				queous, <b>O</b> - Other		Containe														
					less other arrangements are made. Haz								t the clie	nt exp	ense.	The re	port for	the anal	ysis of the a	ibove
amples is	applicable or	nly to those	e samples r	eceived by the labor	atory with this COC. The liability of the la	boratory is limited to	the am	ount	paid f	oron	the re	eport.								184 A
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											1					V				
						Page 16 of 1										-				





# **Envirotech Analytical Laboratory**

Enail:     unviscasey@rep.com     Due Dat:     06/06/22 17:00 (4 dy TXT)       I. Does the sample ID match the COC?     Yes       2. Does the number of sampler per sampling site location match the COC     Yes       3. Were sample for both the COC?     Yes       4. Was the COC complete, i.e., signatures, dates'times, requested analyses?     Yes       5. Were all amples received within holding time?     Yes       Note:     Analysis, such apH which should be conducted in the field, i.e. 15 mine hold time, are not included in this discussion.       Sample CoCC     Yes       Sample CoC condicate standard TAT, or Expedited TAT?     Yes       Sample CoCler     Yes       9. Was the sample(s) received?     Yes       10. Were custody/security seal present?     No       10. Were custody/security seal present?     No       11. fry se, were custody/security seal present?     No       12. Was the ample(s) received intext, i.e., not broken?     Yes       13. If no visible ice, recerd the temperature.     4*C i.e., 6*2*C       Yes     Yes       14. Are algoeus WOC samples present?     No       15. Are VOC amples collected in VOV lank?     NA       16. Is the head space less that 6% from (pea sized or less)?     NA       17. Was a trip blank (TB) included for VOC analyses?     NA       18. Are non-VOC samples collected in the correct containers?	Client:	Frontier Field Services	Date Received:	05/31/22	2 08:45			Work Order ID:	E205157
Chain of Castedy (COC).       Image: Control of	Phone:	(575) 676-3500 I	Date Logged In:	05/31/22	2 09:33			Logged In By:	Caitlin Christian
1. Does the sample ID match the COC?       Yes         2. Does the number of samples per sampling site location match the COC       Yes         We mee samples to complete, i.e., signatures, dates/itmes, requested analyses?       Yes         We re all camples received within boding time?       Yes         Store all match boding time?       Yes         Store Complete, i.e., signatures, dates/itmes, requested analyses?       Yes         Store all match boding time?       Yes         Store Complete, i.e., signatures, dates/itmes, requested analyses?       Yes         Store all match boding time?       Yes         Sample Couler       Comments/Resolution         7. Was a sample cooler received?       Yes         8. If yes, was cooler received in good condition?       Yes         9. Was the sample(s) received interd, it e., not broken?       Yes         10. Were custody/security seals inter?       No         11. If yes, ware custody/security seals inter?       No         12. We als sample received on ice? Hyse, the recorded temp is 4°C, i.e. 6°42°C       Yes         Note: Thermal preservation is not required. if samples are received wit 15       minute of sampling         13. If no visible ice, record the temperature. Actual sample temperature: <u>4°C</u> Yes         Sample Couler       No         14. Are aquocous VOC samples collecte	Email:	travis.casey@wsp.com I	Due Date:	06/06/22	2 17:00 (4 da	ıy TAT)			
<ul> <li>2. Does the number of samples per sampling ite location match the COC</li> <li>9. Were samples dropped off by client or carrier?</li> <li>9. Were samples dropped off by client or carrier?</li> <li>9. Were samples received within holding time?</li> <li>9. Wes all camples received within holding time?</li> <li>9. Some all camples received?</li> <li>9. To the COC indicate standard TAT, or Expedited TAT?</li> <li>9. We as ample cooler received?</li> <li>9. Was the Source of the conducted in the field, is, 15 minute hold time, are not included in this discussion.</li> <li>9. Sample Conder received?</li> <li>9. Was the sample cooler received instact, i.e., not broken?</li> <li>9. Was the sample cooler received instact, i.e., not broken?</li> <li>9. Was the sample cooler received instact, i.e., not broken?</li> <li>9. Was the sample cooler received instact (i.e., of \$22CC)</li> <li>9. Was the sample cooler received instact (i.e., of \$22CC)</li> <li>9. Was the sample cooler received instact (i.e., of \$22CC)</li> <li>9. Note: Charange present?</li> <li>9. No</li> <li>14. If yes, uere costed by four thereparture: <u>4^C</u></li> <li>9. Sample Container</li> <li>14. Are aqueous VOC samples collected in the correct containers?</li> <li>15. Are VOC samples collected in the ourset oresing?</li> <li>16. Is the hand space less than 6.8 mm (pra sized or less)?</li> <li>17. Was at the plant, CTD)</li> <li>18. Are non-VOC samples collected?</li> <li>19. Is the appropriate volume/weight or number of sample containers collected?</li> <li>19. Is the appropriate volume/weight or number of sample containers collected?</li> <li>10. Boes the COC or field labels indicate the samples were preserved?</li> <li>10. Does the COC or field labels indicate the samples were preserved?</li> <li>11. Types, does the COC samples collected?</li> <li>12. Are sample(s) correct</li></ul>	Chain o	f Custody (COC)							
3. Were samples dropped off by client or carrier? Yes 4. Was the COC complete, i.e., signatures, dutes/time? Yes Nets: Analysis, such as pH which holding time? Yes Nets: Analysis, such as pH which holding time? Nets: Analysis, such as pH which holding time? Sample Cooler To Did the COC indicate standard TAT, or Expedited TAT? Yes Sample Cooler received in good condition? Yes 10. Were custody/security seals intact? No such as ample cooler received in good condition? Yes 11. If yes, were custody/security seals intact? No such as ample received on iter (1 yes, the recorded kemp is 4°C, i.e., 6°42°C Yes Note: Themal preservation is not required, ff samples are received wit 15 minutes of samples Sample Container 13. If no visible ice, record the temperature. Actual sample temperature: <u>4°C</u> Sample Container 14. Are aqueous VOC samples present? No 15. Are VOC samples collected in VOA Vala? No 16. Is the head space less than 6.5 mm (pea sized or less)? NA 17. Was a trip blank (TB) included for VOC analyses? NA 18. Are non-VOC samples collected in the correct containers? Yes Sample D? 19. Is the appropriate volume/weight or number of sample containers collected? Yes Sample D? Date/Time Collected? No 21. Ores the COC or field labels indicate the samples were preserved? No 22. Are sample labels filled out with the minimum information: Sample D?? 23. Carrier: Collector field heads indicate the samples were preserved? No 24. Is hab filteration required and/or requested for dissolved metals? No 25. Are sample Matrix 26. Does the Such CoC or field heads indicate the samples were preserved? No 27. If yes, does the COC or specify which phase(s) is to be analyzed? No 27. If yes, does the COC specify which phase(s) is to be analyzed? No 27. If yes, does the COC specify which phase(s) is to be analyzed? No 27. If yes, does the COC spe	1. Does 1	the sample ID match the COC?		Yes					
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes 5. Were all samples received within holding time? Yes Note: Auxilysis, such as play black holds be conducted in the field, i.e. 15 minute hold time, are not included in this discussion. <b>Sample Turn Around Time (TAT)</b> 6. Did the COC indicate standard TAT, or Expedited TAT? Yes <b>Sample cooler</b> received? Yes 8. If yes, was cooler received? Yes 9. Was the sample(s) received in good condition? Yes 9. Was the sample(s) received in the order of the source of the sample server of the temperature. Actual sample temperature: <u>4°C</u> <b>Samule Continer</b> 14. Are aqueous VOC samples collected in the orient server of the sample server? No 15. Star to CO samples collected in the orient containers? Yes 19. Is the bad space less than 6-8 mm (pea sized or less)? NA 16. Is the head space less than 6-8 mm (pea sized or less)? NA 17. Was a trip blank (TB) included for VOC analyses? Yes 19. Is the samples received in the orient containers? Yes 19. Is the sample tabels filled out with the minimum information: <b>Sample ID</b> ? Yes <b>Collectors</b> name? Yes <b>Samule Continer</b> 19. Loss the COC oried labels indicate the sample were preserved? No 22. Are sample(s) correctly preserved? No 23. Are sample(s) correctly preserved? No 24. Is lab filteration required and/or requested for dissolved metals? No <b>Multiphase Sample Ib</b> 17. Tys, does the COC oried labels indicate the samples were preserved? No 24. Are sample(b) correctly preserved? No 25. Are sample (b) correctly preserved? No 26. Are sample haves for than one phase, i.e., multiphase? No <b>Multiphase Sample Ib</b> <b>Multiphase Sample Ib</b> 17. Tys, does the COC specify which phase(s) is to be analyzed? Na <b>Multiphase Sample Ib</b> <b>Samples required to get sent to a subcontract laboratory</b> No <b>Subcontract Laboratory</b> . No	2. Does t	the number of samples per sampling site location match	the COC	Yes					
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes Note: Analysis, such apit which should be conduced in the field, i.e. 15 minute holding time? Yes Samole Curr Around Time (TAT) 6. Did the COC indicate standard TAT, or Expedited TAT? Yes Samole Cooler received? Yes 8. If yes, was cooler received? Yes 9. Was the sample coler received in good condition? Yes 9. Was the sample(s) received in good condition? Yes 9. Was the sample(s) received in the rice, not broken? Yes 9. Was the sample(s) received intext; i.e., not broken? Yes 9. Was the sample coler received in good condition? Yes 9. Was the sample received on ise? If yes, the recorded temp is 4°C, i.e., 6° ± °C Yes Note: The analysis of the sample is and the information: 1. If yes, were custed/security seals intact? No 11. If yes, were custed/security seals intact? No 12. Was the sample received on ise? If yes, the recorded temp is 4°C, i.e., 6° ± °C Sample Container 14. Are auguous VOC samples or received in VOA vials? NA 16. Is the head space less than 6-8 mm (pea sized or less)? NA 17. Was a trip blank (TB) included for VOC analyses? NA 18. Art non-VOC samples collected in the orner containers? Yes 9. Jus the appropriate volume/weight or number of sample containers collected? Yes 19. Is the appropriate volume/weight or number of sample containers? Yes 19. Is the appropriate volume/weight or number of sample containers? Yes 21. Overs field sample labels filled out with the minimum information: Sample TD? Yes 22. Are sample(s) correctly preserved? No 23. Are sample to Co field labels indicate the samples were preserved? No 24. Are sample bare for the samples were preserved? No 24. Are sample bare more than one phase, i.e., multiphase? No 24. Are sample bare more than one phase, i.e., multiphase? No 25. Are sample bare more than one phase, i.e., multiphase? No 26. Are sample bare more than one phase, i.e., multiphase? No 27. Arys, does the COC spredify which phase(s) is to be analyzed? Na 28. Are sample bare more than one phase, i.e	3. Were	samples dropped off by client or carrier?		Yes	Ca	arrier: Co	ourier		
Nuc: Analysis, such as pH which should be conduced in the field, is, is for minute hold ime, are not included in this discussion.  Sample Coult received TATP. Or Expedited TATP? Yes Sample Coult received II good condition? Yes Was has sample (so covier din tack, i.e., no broken? Yes Nuc: thermal preservation is not required, if samples are received will 15 minutes of sample (so covier din tack, i.e., no throken? Yes Nuc: Thermal preservation is not required, if samples are received will 15 minutes of sample (so covier din tack, i.e., not broken? Yes Nuc: Thermal preservation is not required, if samples are received will 15 minutes of sample for the temperature. Actual sample temperature: <u>4*C</u> Sample Continer 14. Are squeous VOC samples present? No 15. Are VOC samples collected in VOA Vials? NA 16. Is the head space less than 6-8 mm (pen sized or less)? NA 17. Was a trip blank (TB) included for VOC analyses? NA 17. Was a trip blank (TB) included for VOC analyses? NA 18. Are sample recollected in the correct containers? Yes 19. Is the appropriate volume/weight or number of sample containers collected? Yes Collectors name? Yes 32. Are sample [abels filled out with the minimum information: Sample LOC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? No 23. Are sample(s) correctly preserved? No 24. Is lab filteration required and/or requested for dissolved metals? No 32. Are sample(b) correctly preserved? No 32. Are sample(b) corrective preserved? No 32. Are sample(b) correct preserved? No 32. Are sample(b) site be analyzed? No 34. Is lab filteration required and/or requested for dissolved metals? No 35. Are Norman (So correct) preserved? No 36. Are sample have more than one phase, i.e., multiphase? No 37. If yes, does the COC or field labels indicate the samples required to get sent to a subcontract laboratory? No 35. Are Norman (So correct) Preserved? No 36. Are sample have more than one phase, i.e., multiphase? No 37. If yes, does the COC specify which phase(s) is to	4. Was th	he COC complete, i.e., signatures, dates/times, requeste	d analyses?	Yes					
Sample Turn Around Time (TAT)       Yes         6. Did the COC indicate standard TAT, or Expedited TAT?       Yes         Sample Cooler       Yes         7. Was a sample cooler received?       Yes         8. If yes, was cooler received in good condition?       Yes         9. Was the sample(s) received intact, i.e., not broken?       Yes         10. Were custody/security seals intact?       No         11. If yes, were custody/security seals intact?       NA         12. was the sample received on ice? If Yes, the recorded temp is 4°C, i.e., 6°±2°C       Yes         Noticities of sampling       The received wit 15         13. If no visible ice, record the temperature. Actual sample are received wit 15       Mathemates of sampling         13. If no visible ice, record the temperature. Actual sample temperature: 4°C       Sample Conditaner         14. Are aqueous VOC samples collected in to A Vials?       NA         15. Are VOC samples collected in the correct containers?       Yes         16. Is the head space less than do reamine of sample containers collected?       Yes         19. Is the appropriate volume/weight or number of sample containers       Yes         20. Were field sample labels filled out with the minimum information:       Sample Collected?         Sample Collected?       Yes         Collectors name?       Yes <t< td=""><td>5. Were</td><td>Note: Analysis, such as pH which should be conducted in the</td><td></td><td>Yes</td><td></td><td></td><td></td><td>Commer</td><td>ts/Resolution</td></t<>	5. Were	Note: Analysis, such as pH which should be conducted in the		Yes				Commer	ts/Resolution
6. Did the COC indicate standard TAT, or Expedited TAT?       Yes         Sample Cooler       Yes         Sample Cooler received in good condition?       Yes         9. Was the sample(s) received intect, i.e., not broken?       Yes         10. Were custody/security seals present?       No         11. If yes, were custody/security seals intet?       NA         12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C       Yes         Mote: Thermal preservation is not required, if samples are received wit 15       minutes of sampling         13. If no visible ice, record the temperature. Actual sample temperature: $\frac{4°C}{4°C}$ Yes         Sample Container       Yes         14. Are aqueous VOC samples present?       No         15. Are VOC samples collected in VOA Vials?       NA         16. Is the head space less than 6-8 mm (pea sized or less)?       NA         17. Was at rig blank (TB) included for VOC analyses?       NA         18. Are non-VOC samples collected in the correct containers?       Yes         20. Were field sample labels filled out with the minimum information:       Yes         21. Usos the COC or field labels indicate the samples were preserved?       No         21. La ball filteration required indicate the samples were preserved?       No         22. Are sample(s) correctly preserved?       Na <td>Sample '</td> <td></td> <td></td> <td></td> <td></td> <td>Г</td> <td></td> <td></td> <td></td>	Sample '					Г			
Sample Cooler       Yes         7. Was a sample cooler received?       Yes         8. If yes, was cooler received in good condition?       Yes         9. Was the sample(s) received intact, i.e., not broken?       Yes         10. Were custody/security seals present?       No         11. If yes, were custody/security seals intact?       NA         12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C       Yes         Not: Themal preservation is not required. If samples are received wi 15       minutes of sampling         13. If no visible ice, record the temperature. Actual sample temperature: <u>4°C</u> Sample Container         14. Are aqueous VOC samples present?       No         15. Is the head space less than 6~8 mm (pea sized or less)?       NA         16. Is the head space less than 6~8 mm (pea sized or less)?       NA         17. Was a trip blank (TB) included for VOC analyses?       NA         18. Are non-VOC samples collected in the correct containers?       Yes         Sample Io?       Yes         Date/Time Collected?       Yes         Collectors name?       Yes         Sample Io?       Yes         Date/Time Collected?       Yes         Sample Io?       Yes         Sample Preservation       No         21. Dose the COC or	-			Yes					
7. Was a sample cooler received?       Yes         8. If yes, was cooler received in good condition?       Yes         9. Was the sample(s) received intact, i.e., not broken?       Yes         9. Was the sample(s) received on inc? If yes, the recorded temp is 4°C, i.e., 6°±2°C       NA         11. If yes, were custody/security seals intact?       NA         12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C       Yes         Note: Thermal preservation is not required, if samples are received wi 15       MA         13. If no visible ice, record the temperature. Actual sample temperature: $\frac{4°C}{4°C}$ Sample Container         14. Are aquecous VOC samples present?       No         15. Are VOC samples collected in VOA Vials?       NA         16. Is the head space less than 6-8 mm (pea sized or less)?       NA         17. Was a trip blank (TB) included for VOC analyses?       NA         18. Are non-VOC samples collected in the containers?       Yes         19. Is the appropriate volume/weight or number of sample containers collected?       Yes         Collectors name?       Yes         20. Were field sample labels filled out with the minimum information:       Sample ID?         Sample ID?       Yes         Collectors name?       Yes         Sample Core of field labels indicate the samples were preserved?       No		, <b>1</b>							
9. Was the sample(s) received intact, i.e., not broken? Yes 10. Were custody/security seals present? No 11. If yes, were custody/security seals intact? NA 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Not: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: <u>4°C</u> Sample Container 14. Are aqueous VOC samples present? No 15. Are VOC samples collected in VOA Vials? NA 16. Is the head space less than 6-8 mm (pea sized or less)? NA 17. Was a trip blank (TB) included for VOC analyses? NA 18. Are non-VOC samples collected in the correct containers? Yes 19. Is the appropriate volume/weight or number of sample containers collected? Yes Field Labol 20. Were field sample labels filled out with the minimum information: Sample Correctly preserved? Yes Collectors name? Yes 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? NA 24. Is lab filteration required and/or requested for dissolved metals? No Multiphase Sample Matrix 25. Ose the COC specify which phase(s) is to be analyzed? NA 24. Is lab filteration required and/or requested for dissolved metals? No Multiphase Sample Matrix 26. Does the COC specify which phase(s) is to be analyzed? Na 27. If yes, does the COC specify which phase(s) is to be analyzed? Na 28. Subcontract Laboratory 28. Are samples required to get sent to a subcontract laborator? No				Yes					
10. Were custody/security seals present?       No         11. If yes, were custody/security seals intact?       NA         12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C       Yes         Note: Thermal preservation is not required, if samples are received w/i 15       minutes of sampling         13. If no visible ice, record the temperature. Actual sample temperature: 4°C       Sample Container         14. Are aqueous VOC samples present?       No         15. Are VOC Samples collected in VOA Vials?       NA         16. Is the head space less than 6-8 mm (pea sized or less)?       NA         17. Was a trip blank (TB) included for VOC analyses?       NA         18. Are non-VOC samples collected in the correct containers?       Yes         Field Label       20. Were field sample labels filled out with the minimum information:       Sample TD?         Sample TD?       Yes         Ollectors name?       Yes         Sample force votion       Yes         21. Does the COC or field labels indicate the samples were preserved?       No         21. Are sample(s) correctly preserved?       NA         24. Is lab filteration required and/or requested for dissolved metals?       No         21. Joes the COC specify which phase(s) is to be analyzed?       Na         24. Is lab filteration required than one phase, i.e., multiphase?	8. If yes,	, was cooler received in good condition?		Yes					
10. Were custody/security seals present?       No         11. If yes, were custody/security seals intact?       NA         12. Was the sample received on ic? If yes, the recorded temp is 4°C, i.e., 6°42°C       Yes         Not: Thermal preservation is not required, if samples are received wi 15 minutes of sampling       Yes         13. If no visible ice, record the temperature. Actual sample temperature: $\frac{4°C}{4°C}$ Sample Container         14. Are aqueous VOC samples present?       No         15. Are VOC samples collected in VOA Vials?       NA         16. Is the head space less than 6-8 mm (pea sized or less)?       NA         17. Was a trip bank (TB) included for VOC analyses?       NA         18. Are non-VOC samples collected in the correct containers?       Yes         Field Label       Yes         20. Were field sample labels filled out with the minimum information:       Yes         Sample Preservation       Yes         21. Does the COC or field labels indicate the samples were preserved?       No         21. Does the COC or field labels indicate the samples were preserved?       No         22. Are sample(s) correcity preserved?       NA         24. Is lab filteration required and/or requested for dissolved metals?       No         Multiphase Sample Matrix       Yo         26. Does the COC specify which phase(s) is to be analyzed?       No	9. Was tl	he sample(s) received intact, i.e., not broken?		Yes					
11. If yes, were custody/security seals intact?       NA         12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°+2°C       Yes         Note: Thermal preservation is not required, if samples are received wit 15       minutuse of sampling         13. If no visible ice, record the temperature. Actual sample temperature: $\frac{4°C}{2}$ Sample Container         14. Are aqueous VOC samples present?       No         15. Are VOC samples collected in VOA Vials?       NA         16. Is the head space less than 6-8 mm (pea sized or less)?       NA         17. Was a trip blank (TB) included for VOC analyses?       NA         18. Are non-VOC samples collected in the correct containers?       Yes         Field Label       Yes         20. Were field sample labels filled out with the minimum information:       Sample TD?         Sample TD?       Yes         Collectors name?       Yes         Sample for COC or field labels indicate the samples were preserved?       No         21. Does the COC or field labels indicate the samples were preserved?       No         22. Are sample(s) correctly preserved?       NA         24. Is lab filteration required and/or requested for dissolved metals?       No         71. If yes, does the COC specify which phase(s) is to be analyzed?       NA         Subcontraet Laboratory       No <t< td=""><td>10. Were</td><td>e custody/security seals present?</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	10. Were	e custody/security seals present?							
2. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C       Yes         Note: Thermal preservation is not required, if samples are received w/i 15       minutes of sampling         13. If no visible ice, record the temperature. Actual sample temperature: 4°C       Sample Container         14. Are aqueous VOC samples present?       No         15. Are VOC samples collected in VOA Vials?       NA         16. Is the head space less than 6-8 mm (pea sized or less)?       NA         17. Was at trip blank (TB) included for VOC analyses?       NA         18. Are non-VOC samples collected in the correct containers?       Yes         19. Is the appropriate volume/weight or number of sample containers collected?       Yes         20. Were field sample labels filled out with the minimum information:       Sample fD2?         Sample freeservation       Yes         21. Does the COC or field labels indicate the samples were preserved?       No         22. Are sample(s) correctly preserved?       No         24. Is lab filteration required and/or requested for dissolved metals?       No         Multiphase Sample Matrix       26. Does the COC specify which phase(s) is to be analyzed?       No         Subcontract Laboratory       No       No         Subcontract Laboratory       No       No									
Sample Container         14. Are aqueous VOC samples present?       No         15. Are VOC samples collected in VOA Vials?       NA         16. Is the head space less than 6-8 mm (pea sized or less)?       NA         17. Was a trip blank (TB) included for VOC analyses?       NA         18. Are non-VOC samples collected in the correct containers?       Yes         19. Is the appropriate volume/weight or number of sample containers collected?       Yes         Field Label       Yes         20. Were field sample labels filled out with the minimum information:       Sample ID?         Sample ID?       Yes         Date/Time Collected?       Yes         Collectors name?       Yes         21. Does the COC or field labels indicate the samples were preserved?       No         22. Are sample(s) correctly preserved?       NA         24. Is lab filteration required and/or requested for dissolved metals?       No         Multiphase Sample Matrix       Zo         26. Does the somple Matrix       No         27. If yes, does the COC specify which phase(s) is to be analyzed?       Na         Multiphase frequired to get sent to a subcontract laboratory?       No		Note: Thermal preservation is not required, if samples are r minutes of sampling	eceived w/i 15						
14. Are aqueous VOC samples present?       No         15. Are VOC samples collected in VOA Vials?       NA         16. Is the head space less than 6-8 mm (pea sized or less)?       NA         17. Was a trip blank (TB) included for VOC analyses?       NA         18. Are non-VOC samples collected in the correct containers?       Yes         19. Is the appropriate volume/weight or number of sample containers collected?       Yes         19. Were field sample labels filled out with the minimum information:       Sample ID?         Sample ID?       Yes         Date/Time Collected?       Yes         Collectors name?       Yes         21. Does the COC or field labels indicate the samples were preserved?       No         22. Are sample(s) correctly preserved?       No         23. Are sample have more than one phase, i.e., multiphase?       No         24. Is lab filteration required and/or requested for dissolved metals?       No         27. If yes, does the COC specify which phase(s) is to be analyzed?       NA         28. Are samples required to get sent to a subcontract laboratory?       No			I						
15. Are VOC samples collected in VOA Vials?       NA         16. Is the head space less than 6-8 mm (pea sized or less)?       NA         17. Was a trip blank (TB) included for VOC analyses?       NA         18. Are non-VOC samples collected in the correct containers?       Yes         19. Is the appropriate volume/weight or number of sample containers collected?       Yes         Field Label       Yes         20. Were field sample labels filled out with the minimum information:       Yes         Sample ID?       Yes         Date/Time Collected?       Yes         Collectors name?       Yes         21. Does the COC or field labels indicate the samples were preserved?       No         22. Are sample(s) correctly preserved?       Na         24. Is lab filteration required and/or requested for dissolved metals?       No         25. Does the Sample have more than one phase, i.e., multiphase?       No         27. If yes, does the COC specify which phase(s) is to be analyzed?       Na         Subcontract Laboratory       No         28. Are samples required to get sent to a subcontract laboratory?       No				No					
16. Is the head space less than 6-8 mm (pea sized or less)?       NA         17. Was a trip blank (TB) included for VOC analyses?       NA         18. Are non-VOC samples collected in the correct containers?       Yes         19. Is the appropriate volume/weight or number of sample containers collected?       Yes         Field Label       Yes         20. Were field sample labels filled out with the minimum information:       Sample ID?         Sample ID?       Yes         Date/Time Collected?       Yes         Collectors name?       Yes         21. Does the COC or field labels indicate the samples were preserved?       No         22. Are sample(s) correctly preserved?       No         24. Is lab filteration required and/or requested for dissolved metals?       No         Multiphase Sample Matrix       Yes         26. Does the sample have more than one phase, i.e., multiphase?       No         27. If yes, does the COC specify which phase(s) is to be analyzed?       NA         Subcontract Laboratory       No         28. Are samples required to get sent to a subcontract laboratory?       No									
17. Was a trip blank (TB) included for VOC analyses?       NA         18. Are non-VOC samples collected in the correct containers?       Yes         19. Is the appropriate volume/weight or number of sample containers collected?       Yes         Field Label         20. Were field sample labels filled out with the minimum information:         Sample ID?       Yes         Date/Time Collected?       Yes         Collectors name?       Yes         Sample Preservation       Yes         21. Does the COC or field labels indicate the samples were preserved?       No         22. Are sample(s) correctly preserved?       NA         24. Is lab filteration required and/or requested for dissolved metals?       No         Multiphase Sample Matrix       Yes         26. Does the sample have more than one phase, i.e., multiphase?       No         27. If yes, does the COC specify which phase(s) is to be analyzed?       NA         Subcontract Laboratory       No         28. Are samples required to get sent to a subcontract laboratory?       No		-		NA					
19. Is the appropriate volume/weight or number of sample containers collected?       Yes         Field Label         20. Were field sample labels filled out with the minimum information:         Sample ID?       Yes         Date/Time Collected?       Yes         Collectors name?       Yes         Sample Preservation       Yes         21. Does the COC or field labels indicate the samples were preserved?       No         22. Are sample(s) correctly preserved?       NA         24. Is lab filteration required and/or requested for dissolved metals?       No         Multiphase Sample Matrix       No         26. Does the sample have more than one phase, i.e., multiphase?       No         27. If yes, does the COC specify which phase(s) is to be analyzed?       NA         Subcontract Laboratory       No         28. Are samples required to get sent to a subcontract laboratory?       No	17. Was	a trip blank (TB) included for VOC analyses?		NA					
Field Label         20. Were field sample labels filled out with the minimum information:         Sample ID?       Yes         Date/Time Collected?       Yes         Collectors name?       Yes         Sample Preservation       Yes         21. Does the COC or field labels indicate the samples were preserved?       No         22. Are sample(s) correctly preserved?       NA         24. Is lab filteration required and/or requested for dissolved metals?       No         Multiphase Sample Matrix       Xo         26. Does the sample have more than one phase, i.e., multiphase?       No         27. If yes, does the COC specify which phase(s) is to be analyzed?       NA         Subcontract Laboratory       Xe         28. Are samples required to get sent to a subcontract laboratory?       No	18. Are 1	non-VOC samples collected in the correct containers?		Yes					
20. Were field sample labels filled out with the minimum information:       Yes         Sample ID?       Yes         Date/Time Collected?       Yes         Collectors name?       Yes         Sample Preservation       Yes         21. Does the COC or field labels indicate the samples were preserved?       No         22. Are sample(s) correctly preserved?       NA         24. Is lab filteration required and/or requested for dissolved metals?       No         Multiphase Sample Matrix       Yes         26. Does the sample have more than one phase, i.e., multiphase?       No         27. If yes, does the COC specify which phase(s) is to be analyzed?       NA         Subcontract Laboratory       No         28. Are samples required to get sent to a subcontract laboratory?       No	19. Is the	appropriate volume/weight or number of sample container	rs collected?	Yes					
Sample ID?       Yes         Date/Time Collected?       Yes         Collectors name?       Yes         Sample Preservation       Yes         21. Does the COC or field labels indicate the samples were preserved?       No         22. Are sample(s) correctly preserved?       NA         24. Is lab filteration required and/or requested for dissolved metals?       No         Multiphase Sample Matrix       No         26. Does the sample have more than one phase, i.e., multiphase?       No         27. If yes, does the COC specify which phase(s) is to be analyzed?       NA         Subcontract Laboratory       No         28. Are samples required to get sent to a subcontract laboratory?       No	Field La	<u>ibel</u>							
Date/Time Collected? Collectors name?YesSample Preservation 21. Does the COC or field labels indicate the samples were preserved?No22. Are sample(s) correctly preserved?NA24. Is lab filteration required and/or requested for dissolved metals?NoMultiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase?No27. If yes, does the COC specify which phase(s) is to be analyzed?NASubcontract LaboratoryNA28. Are samples required to get sent to a subcontract laboratory?No		-	nation:						
Collectors name?YesSample PreservationYes21. Does the COC or field labels indicate the samples were preserved?No22. Are sample(s) correctly preserved?NA24. Is lab filteration required and/or requested for dissolved metals?NoMultiphase Sample MatrixNo26. Does the sample have more than one phase, i.e., multiphase?No27. If yes, does the COC specify which phase(s) is to be analyzed?NASubcontract LaboratoryNA28. Are samples required to get sent to a subcontract laboratory?No		*							
Sample Preservation       No         21. Does the COC or field labels indicate the samples were preserved?       No         22. Are sample(s) correctly preserved?       NA         24. Is lab filteration required and/or requested for dissolved metals?       No         Multiphase Sample Matrix       No         26. Does the sample have more than one phase, i.e., multiphase?       No         27. If yes, does the COC specify which phase(s) is to be analyzed?       NA         Subcontract Laboratory       NA         28. Are samples required to get sent to a subcontract laboratory?       No						-			
21. Does the COC or field labels indicate the samples were preserved?No22. Are sample(s) correctly preserved?NA24. Is lab filteration required and/or requested for dissolved metals?NoMultiphase Sample MatrixNo26. Does the sample have more than one phase, i.e., multiphase?No27. If yes, does the COC specify which phase(s) is to be analyzed?NASubcontract LaboratoryNA28. Are samples required to get sent to a subcontract laboratory?No				Yes					
22. Are sample(s) correctly preserved?NA24. Is lab filteration required and/or requested for dissolved metals?NoMultiphase Sample Matrix			erved?	No					
24. Is lab filteration required and/or requested for dissolved metals?       No         Multiphase Sample Matrix									
Multiphase Sample Matrix       No         26. Does the sample have more than one phase, i.e., multiphase?       No         27. If yes, does the COC specify which phase(s) is to be analyzed?       NA         Subcontract Laboratory       NA         28. Are samples required to get sent to a subcontract laboratory?       No			tals?						
26. Does the sample have more than one phase, i.e., multiphase?       No         27. If yes, does the COC specify which phase(s) is to be analyzed?       NA         Subcontract Laboratory       NA         28. Are samples required to get sent to a subcontract laboratory?       No									
27. If yes, does the COC specify which phase(s) is to be analyzed?       NA         Subcontract Laboratory       NA         28. Are samples required to get sent to a subcontract laboratory?       No			?	No					
Subcontract Laboratory       No         28. Are samples required to get sent to a subcontract laboratory?       No									
28. Are samples required to get sent to a subcontract laboratory? No				1 12 1					
			9	No					
22. This is determined and the second of the chemical and the second of the subconduct Lab. Ita					Subconte	ract I ab.	19		
Client Instruction		••••	5 WID:	11/1	Subcoll	aut Lau;	na		

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





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:

March AMT

Work Order: E206004

Job Number: 21080-0001

Received: 6/1/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 6/7/22

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: 6/7/22

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

Project Name: March AMT Workorder: E206004 Date Received: 6/1/2022 10:35:00AM

Travis Casey,



Page 76 of 259

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/1/2022 10:35:00AM, under the Project Name: March AMT.

The analytical test results summarized in this report with the Project Name: March AMT 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

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Received by OCD: 8/10/2022 11:53:26 AM			Page	78 of 259
	Sample Sum	mary		
Frontier Field Services	Project Name:	March AMT	Denertede	
10077 Grogan Mill Rd Ste 300	Project Number:	21080-0001	Reported:	
The Woodlands TX, 77380	Project Manager:	Travis Casey	06/07/22 10:48	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH04 @ 0.5 ft	E206004-01A	Soil	05/31/22	06/01/22	Glass Jar, 4 oz.
BH04A @ 2 ft	E206004-02A	Soil	05/31/22	06/01/22	Glass Jar, 4 oz.



	Di	ample D	ala			
Frontier Field Services	Project Name:	Mar	ch AMT			
10077 Grogan Mill Rd Ste 300	Project Numbe	er: 2108	30-0001			Reported:
The Woodlands TX, 77380	Project Manag	er: Trav	vis Casey			6/7/2022 10:48:08AM
	B	H04 @ 0.5 ft	t			
		E206004-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2223052
Benzene	ND	0.0250	1	06/03/22	06/06/22	
Ethylbenzene	ND	0.0250	1	06/03/22	06/06/22	
Toluene	ND	0.0250	1	06/03/22	06/06/22	
p-Xylene	ND	0.0250	1	06/03/22	06/06/22	
o,m-Xylene	ND	0.0500	1	06/03/22	06/06/22	
Fotal Xylenes	ND	0.0250	1	06/03/22	06/06/22	
Surrogate: 4-Bromochlorobenzene-PID		91.0 %	70-130	06/03/22	06/06/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2223052
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/22	06/06/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.5 %	70-130	06/03/22	06/06/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2223055
Diesel Range Organics (C10-C28)	610	25.0	1	06/03/22	06/04/22	
Oil Range Organics (C28-C36)	340	50.0	1	06/03/22	06/04/22	
Surrogate: n-Nonane		98.4 %	50-200	06/03/22	06/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: RAS		Batch: 2223064
Chloride	6790	100	5	06/03/22	06/04/22	

# Sample Data



	Sa	ample D	ata			
Frontier Field Services	Project Name:		ch AMT			
10077 Grogan Mill Rd Ste 300	Project Numbe		30-0001			Reported:
The Woodlands TX, 77380	Project Manag	ger: Trav	vis Casey			6/7/2022 10:48:08AM
	В	H04A @ 2 ft	Ţ			
		E206004-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: IY		Batch: 2223052
Benzene	ND	0.0250	1	06/03/22	06/06/22	
Ethylbenzene	ND	0.0250	1	06/03/22	06/06/22	
Toluene	ND	0.0250	1	06/03/22	06/06/22	
p-Xylene	ND	0.0250	1	06/03/22	06/06/22	
o,m-Xylene	ND	0.0500	1	06/03/22	06/06/22	
Total Xylenes	ND	0.0250	1	06/03/22	06/06/22	
Surrogate: 4-Bromochlorobenzene-PID		89.3 %	70-130	06/03/22	06/06/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2223052
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/22	06/06/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.8 %	70-130	06/03/22	06/06/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: JL		Batch: 2223055
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/22	06/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/22	06/04/22	
Surrogate: n-Nonane		98.3 %	50-200	06/03/22	06/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: RAS		Batch: 2223064
Chloride	196	100	5	06/03/22	06/04/22	

# QC Summary Data

Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380		Project Name: Project Number: Project Manager:	21	arch AMT 080-0001 avis Casey					<b>Reported:</b> 6/7/2022 10:48:08AM
		Volatile O	rganics b	oy EPA 802	21B				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 (2223052-BLK1)							Prepared: 0	6/03/22 A	nalyzed: 06/06/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.05		8.00		88.1	70-130			
LCS (2223052-BS1)							Prepared: 0	6/03/22 A	nalyzed: 06/06/22
Benzene	5.61	0.0250	5.00		112	70-130			
Ethylbenzene	5.57	0.0250	5.00		111	70-130			
Toluene	5.92	0.0250	5.00		118	70-130			
p-Xylene	5.46	0.0250	5.00		109	70-130			
o,m-Xylene	11.3	0.0500	10.0		113	70-130			
Total Xylenes	16.7	0.0250	15.0		112	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.22		8.00		90.3	70-130			
Matrix Spike (2223052-MS1)				Source:	E205159-2	21	Prepared: 0	6/03/22 A	nalyzed: 06/06/22
Benzene	5.66	0.0250	5.00	ND	113	54-133			
Ethylbenzene	5.58	0.0250	5.00	ND	112	61-133			
Toluene	5.94	0.0250	5.00	ND	119	61-130			
p-Xylene	5.47	0.0250	5.00	ND	109	63-131			
o,m-Xylene	11.3	0.0500	10.0	ND	113	63-131			
Total Xylenes	16.8	0.0250	15.0	ND	112	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.31		8.00		91.3	70-130			
Matrix Spike Dup (2223052-MSD1)				Source:	E205159-2	21	Prepared: 0	6/03/22 A	nalyzed: 06/06/22
Benzene	5.70	0.0250	5.00	ND	114	54-133	0.774	20	
Ethylbenzene	5.64	0.0250	5.00	ND	113	61-133	1.09	20	
Toluene	6.01	0.0250	5.00	ND	120	61-130	1.19	20	
p-Xylene	5.53	0.0250	5.00	ND	111	63-131	1.06	20	
o,m-Xylene	11.4	0.0500	10.0	ND	114	63-131	1.33	20	
Total Xylenes	17.0	0.0250	15.0	ND	113	63-131	1.24	20	
Surrogate: 4-Bromochlorobenzene-PID	7.28		8.00		91.0	70-130			



# **OC Summary Data**

	VC D	u111111	ii y Data	a				
	Project Name: Project Number: Project Manager:	21	080-0001					<b>Reported:</b> 6/7/2022 10:48:08AM
No	nhalogenated O	Organics	by EPA 80	15D - GH	RO			Analyst: IY
Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
						Prepared: 0	6/03/22 A	nalyzed: 06/06/22
ND	20.0							
7.01		8.00		87.7	70-130			
						Prepared: 0	6/03/22 A	nalyzed: 06/06/22
40.4	20.0	50.0		80.9	70-130			
6.98		8.00		87.2	70-130			
			Source:	E205159-2	21	Prepared: 0	6/03/22 A	nalyzed: 06/06/22
42.7	20.0	50.0	ND	85.3	70-130			
6.79		8.00		84.9	70-130			
			Source:	E205159-2	21	Prepared: 0	6/03/22 A	nalyzed: 06/06/22
42.6	20.0	50.0	ND	85.2	70-130	0.178	20	
6.83		8.00		85.4	70-130			
	Result mg/kg ND 7.01 40.4 6.98 42.7 6.79 42.6	Project Name:       Project Number:       Project Manager:       Nonhalogenated C       Result       mg/kg       ND       20.0       7.01       40.4       20.0       6.98       42.7       20.0       6.79	Project Name:         M           Project Number:         21           Project Manager:         Tr           Nonhalogenated Organics           Result         Reporting         Spike           mg/kg         mg/kg         mg/kg           ND         20.0           7.01         8.00           40.4         20.0         50.0           6.98         8.00           42.7         20.0         50.0           42.6         20.0         50.0	Project Name: Project Number: Project Manager:March AMT 21080-0001 Travis CaseyNonhalogenated Organics by EPA 80Result mg/kgSpike Level mg/kgSource Result mg/kgND20.07.018.0040.420.050.988.0040.420.050.06.9842.720.050.0ND6.798.00Source: Source42.620.050.0ND42.620.050.0ND	Nonhalogenated         Spike         Source           Result         Limit         Level         Result         Rec           mg/kg         mg/kg         mg/kg         mg/kg         %           ND         20.0         8.00         87.7           40.4         20.0         50.0         80.9           6.98         8.00         87.2           42.7         20.0         50.0         ND           42.7         20.0         50.0         ND           42.7         20.0         50.0         ND           42.7         20.0         50.0         84.9           42.6         20.0         50.0         ND	Project Name:         March AMT           Project Number:         21080-0001           Project Manager:         Travis Casey           Nonhalogenated Organics by EPA 8015D - GRO           Result         Reporting         Spike         Source         Rec         Limits           mg/kg         mg/kg         mg/kg         mg/kg         %         %           ND         20.0         8.00         87.7         70-130           40.4         20.0         50.0         80.9         70-130           40.4         20.0         50.0         80.9         70-130           40.4         20.0         50.0         80.9         70-130           42.7         20.0         50.0         ND         85.3         70-130           42.7         20.0         50.0         ND         85.3         70-130           6.79         8.00         84.9         70-130         70-130           42.7         20.0         50.0         ND         85.3         70-130           6.79         8.00         81.9         70-130         70-130           42.6         20.0         50.0         ND         85.2         70-130	Project Name: Project Number: 21080-0001 Project Manager:March AMT 21080-0001 Project Manager:March AMT 21080-0001 Project Manager:March AMT 21080-0001 Project Manager:March AMT 21080-0001 Project Manager:March AMT 21080-0001 Prepared:March AMT Project Manager:March AMT 21080-0001 Project Manager:Travis CaseyNonhalogenated Organics by EPA 8015D - GRORec Limit Mg/kgRec Mg/kgRec Mg/kgRec Mg/kgRec Mg/kgRPD Mg/kgMD20.0SourceRec Mg/kgRec Mg/kgPrepared: 0ND20.08.0087.770-130Prepared: 0MD20.08.0087.270-130Prepared: 0MD40.420.050.0ND85.370-13040.420.050.0ND85.370-130Prepared: 040.420.050.0ND85.370-130Prepared: 040.420.050.0ND85.370-13040.420.050.0ND85.370-13040.420.050.0ND85.370-13042.720.050.0ND85.370-13042.620.050.0ND85.270-130	Nonhalogenated         Spike         Source         Rec         Limit         RPD         Limit           mg/kg         Limit         Level         Result         Rec         Limits         RPD         Limit           mg/kg         mg/kg         mg/kg         mg/kg         %         %         %         %           ND         20.0         8.00         87.7         70-130         Prepared: 06/03/22         A           40.4         20.0         50.0         80.9         70-130         Prepared: 06/03/22         A           40.4         20.0         50.0         80.9         70-130         Prepared: 06/03/22         A           40.4         20.0         50.0         80.9         70-130         Prepared: 06/03/22         A           42.7         20.0         50.0         ND         85.3         70-130         Prepared: 06/03/22         A           42.7         20.0         50.0         ND         85.3         70-130         Prepared: 06/03/22         A           42.6         20.0         50.0         ND         85.3         70-130         P         A

Page 8 of 13



# QC Summary Data

		QC S	umma	iry Data	a				
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380		Project Name: Project Number: Project Manager:	21	arch AMT 1080-0001 avis Casey					<b>Reported:</b> 6/7/2022 10:48:08AM
	Nonh	alogenated Org	anics by	EPA 8015I	) - 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 (2223055-BLK1)							Prepared: 0	6/03/22 A	analyzed: 06/03/22
Diesel Range Organics (C10-C28)	ND	25.0							· ·
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.6		50.0		97.2	50-200			
LCS (2223055-BS1)							Prepared: 0	6/03/22 A	analyzed: 06/03/22
Diesel Range Organics (C10-C28)	471	25.0	500		94.2	38-132			
Surrogate: n-Nonane	45.1		50.0		90.3	50-200			
Matrix Spike (2223055-MS1)				Source:	E205159-	24	Prepared: 0	6/03/22 A	analyzed: 06/03/22
Diesel Range Organics (C10-C28)	497	25.0	500	ND	99.5	38-132			
Surrogate: n-Nonane	46.9		50.0		93.9	50-200			
Matrix Spike Dup (2223055-MSD1)				Source:	E205159-	24	Prepared: 0	6/03/22 A	analyzed: 06/03/22
Diesel Range Organics (C10-C28)	492	25.0	500	ND	98.5	38-132	1.00	20	
Surrogate: n-Nonane	48.4		50.0		96.7	50-200			



# **QC Summary Data**

		QC D	u 1111116	ily Date					
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380		Project Name: Project Number: Project Manager:	2	Iarch AMT 1080-0001 ravis Casey					<b>Reported:</b> 6/7/2022 10:48:08AM
		Anions	by EPA 3	300.0/90564	4				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 (2223064-BLK1) Chloride	ND	20.0					Prepared: 0	6/03/22 A	nalyzed: 06/04/22
LCS (2223064-BS1)	112	20.0					Prepared: 0	6/03/22 A	nalyzed: 06/04/22
Chloride	266	20.0	250	0	106	90-110	Durana da O	(102122 )	
Matrix Spike (2223064-MS1)					E206003-		Prepared: 0	0/03/22 A	nalyzed: 06/04/22
Chloride	332	20.0	250	35.0	119	80-120			
Matrix Spike Dup (2223064-MSD1)				Source:	E206003-	01	Prepared: 0	6/03/22 A	nalyzed: 06/04/22
Chloride	304	20.0	250	35.0	108	80-120	8.66	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.



]	Frontier Field Services	Project Name:	March AMT	
	10077 Grogan Mill Rd Ste 300	Project Number:	21080-0001	Reported:
	The Woodlands TX, 77380	Project Manager:	Travis Casey	06/07/22 10:48

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.



lient: F	rontier Fie	ld Servic	es		Bill To				La	ab Use						TA	T	EPA P	ogram
	March AN				Attention: Frontier Field S		Lab	NO#				Numb		1D	2D	3D	Standard	CWA	SDWA
and the second second	Manager:				Address: 10077 Gorgan's M		Eá	106	00	4 4			1000				X		
Address:	te, Zip Ca	est Steve			City, State, Zip The Woodl Phone: 575-703-7992	ands, 1x 77380		> 1			Analy	sis and	d Metho	bd	1		_		RCRA
hone:		89-5949			Email: AGroves@durangom	idstroom som		30 b										State	-
	Travis.case			-	Email: Adroves@durangon	nustream.com	-	10/0		-		0					NMICO	UT AZ	TX
	lue by: 51			-				TPH GRO/DRO/ORO by 8015	BTEX by 8021	\$260	010	Chloride 300.0		MN	X		×	OT AL	
Time	Date	1.000	No. of	Committee 10		Lab		GRC	X by	VOC by 8260	Metals 6010	oride		SC	Ŋ				-
Sampled	Sampled	Matrix	Containers	Sample ID		Number	-	TPH 801	BTE	VOC	Met	Chlo		BGDOC	BGDOC			Remarks	
3:50	5/31/22	S	1		BH04 @ 0.5 ft	1								x			D	iscret	C.
0.00	F /04 /00					1		_			-		-	~	-		V	1 / 1 0 .	
14:00	5/31/22	S	1		BH04A @ 2 ft	2								X	12		D	Iscret	C
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-			d fraud and Date	may be grounds for leg				Time	-	1	packeu	in ice at a	an avg tern				Sher Andersteinen um	ys.	_
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ample Mat	trix: S - Soil, Sd	- Solid, Sg -	Sludge, A - A	Aqueous, O - Other		Containe	r Type	g - g	lass.	-				er gla	SS. V -	VOA			
					hless other arrangements are made. H								t the elie	nt ovo		Thore	port for the anal	vsis of the a	bove
					atory with this COC. The liability of the												iro		
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						Page 12 of 1	13												-

# **Envirotech Analytical Laboratory**

#### Sample Receipt Checklist (SRC)

structions: Please take note of any NO checkmarks.	-	-	Checklist (SRC)	_	
we receive no response concerning these items within		ice, all the	samples will be analyzed a	is requested.	
Client: Frontier Field Services	Date Received:	06/01/22	10:35	Work Order ID:	E206004
Phone: (575) 676-3500	Date Logged In:	06/01/22	10:49	Logged In By:	Caitlin Christian
Email: travis.casey@wsp.com	Due Date:	06/07/22	17:00 (4 day TAT)		
Chain of Custody (COC)					
1. Does the sample ID match the COC?		Yes			
2. Does the number of samples per sampling site	ocation match the COC	Yes			
3. Were samples dropped off by client or carrier?		Yes	Carrier: UPS		
4. Was the COC complete, i.e., signatures, dates/t	imes, requested analyses?	Yes			
5. Were all samples received within holding time? Note: Analysis, such as pH which should be	e conducted in the field,	Yes		Commen	ts/Resolution
i.e, 15 minute hold time, are not included in	this disucssion.			Commen	ts/ resolution
<b>Sample Turn Around Time (TAT)</b> 6. Did the COC indicate standard TAT, or Expedit	ed TAT?	Yes			
Sample Cooler					
7. Was a sample cooler received?		Yes			
8. If yes, was cooler received in good condition?		Yes			
9. Was the sample(s) received intact, i.e., not brok	en?	Yes			
10. Were custody/security seals present?		No			
11. If yes, were custody/security seals intact?		NA			
12. Was the sample received on ice? If yes, the recorded Note: Thermal preservation is not required, minutes of sampling		Yes			
13. If no visible ice, record the temperature. Ac	tual sample temperature: 4°	Ċ			
Sample Container	r · · · · · · · · · · · · · · · · · · ·				
14. Are aqueous VOC samples present?		No			
15. Are VOC samples collected in VOA Vials?		NA			
16. Is the head space less than 6-8 mm (pea sized	or less)?	NA			
17. Was a trip blank (TB) included for VOC analy		NA			
18. Are non-VOC samples collected in the correct		Yes			
19. Is the appropriate volume/weight or number of sa		Yes			
Field Label					
20. Were field sample labels filled out with the m	inimum information:				
Sample ID?		Yes			
Date/Time Collected?		Yes			
Collectors name?		No			
Sample Preservation					
21. Does the COC or field labels indicate the sam	ples were preserved?	No			
22. Are sample(s) correctly preserved?		NA			
24. Is lab filteration required and/or requested for	dissolved metals?	No			
Multiphase Sample Matrix					
26. Does the sample have more than one phase, i.	-	No			
27. If yes, does the COC specify which phase(s) i	s to be analyzed?	NA			
Subcontract Laboratory					
28. Are samples required to get sent to a subcontr	act laboratory?	No			
29. Was a subcontract laboratory specified by the	client and if so who?	NA	Subcontract Lab: na		
Client Instruction					

Date

Released to Imaging: 10/12/2022 3:05:15 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: March

March AMT #1

Work Order: E206031

Job Number: 21080-0001

Received: 6/4/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 6/10/22

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: 6/10/22

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

Project Name: March AMT #1 Workorder: E206031 Date Received: 6/4/2022 12:00:00PM

Travis Casey,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/4/2022 12:00:00PM, under the Project Name: March AMT #1.

The analytical test results summarized in this report with the Project Name: March AMT #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



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#### **Sample Summary**

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		Sample Sum	mai y		
Frontier Field Services		Project Name:	March AMT #1		Reported:
10077 Grogan Mill Rd Ste 300		Project Number:	21080-0001		Keporteu:
The Woodlands TX, 77380		Project Manager:	Travis Casey		06/10/22 14:07
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW01 @ 0-2 ft	E206031-01A	Soil	06/02/22	06/04/22	Glass Jar, 4 oz.
SW02 @ 0-2 ft	E206031-02A	Soil	06/02/22	06/04/22	Glass Jar, 4 oz.
SW03 @ 0-2 ft	E206031-03A	Soil	06/02/22	06/04/22	Glass Jar, 4 oz.
SW04 @ 0-2 ft	E206031-04A	Soil	06/02/22	06/04/22	Glass Jar, 4 oz.
SW05 @ 0-2 ft	E206031-05A	Soil	06/02/22	06/04/22	Glass Jar, 4 oz.
SW06 @ 0-2 ft	E206031-06A	Soil	06/02/22	06/04/22	Glass Jar, 4 oz.
SW07 @ 0-4 ft	E206031-07A	Soil	06/02/22	06/04/22	Glass Jar, 4 oz.
SW08 @ 0-4 ft	E206031-08A	Soil	06/02/22	06/04/22	Glass Jar, 4 oz.
SW09 @ 0-4 ft	E206031-09A	Soil	06/02/22	06/04/22	Glass Jar, 4 oz.
SW10 @ 0-4 ft	E206031-10A	Soil	06/02/22	06/04/22	Glass Jar, 4 oz.



	Di	ample D	ala				
Frontier Field Services	Project Name:	Mar	ch AMT #1				
10077 Grogan Mill Rd Ste 300	Project Numbe	er: 2108	30-0001			Reported:	
The Woodlands TX, 77380	Project Manag	er: Trav	vis Casey			6/10/2022 2:07:29PM	
	SV	W01 @ 0-2 f	t				
		E206031-01					
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2224028	
Benzene	ND	0.0250	1	06/08/22	06/09/22		
Ethylbenzene	ND	0.0250	1	06/08/22	06/09/22		
Toluene	ND	0.0250	1	06/08/22	06/09/22		
p-Xylene	ND	0.0250	1	06/08/22	06/09/22		
o,m-Xylene	ND	0.0500	1	06/08/22	06/09/22		
Total Xylenes	ND	0.0250	1	06/08/22	06/09/22		
Surrogate: 4-Bromochlorobenzene-PID		98.7 %	70-130	06/08/22	06/09/22		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2224028	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/22	06/09/22		
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.7 %	70-130	06/08/22	06/09/22		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2224050	
Diesel Range Organics (C10-C28)	42.9	25.0	1	06/09/22	06/09/22		
Dil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/09/22		
urrogate: n-Nonane		111 %	50-200	06/09/22	06/09/22		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: KL		Batch: 2224033	
Chloride	ND	100	5	06/08/22	06/09/22		

# Sample Data



	5	ample D	ala				
Frontier Field Services 10077 Grogan Mill Rd Ste 300	Project Name Project Numb	ber: 210	ch AMT #1 80-0001			Reported:	
The Woodlands TX, 77380	Project Mana	iger: Trav	vis Casey			6/10/2022 2:07:29PM	
	S	5W02 @ 0-2 f	ť				
		E206031-02					
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	:: IY		Batch: 2224028	
Benzene	ND	0.0250	1	06/08/22	06/09/22		
Ethylbenzene	ND	0.0250	1	06/08/22	06/09/22		
Toluene	ND	0.0250	1	06/08/22	06/09/22		
o-Xylene	ND	0.0250	1	06/08/22	06/09/22		
o,m-Xylene	0.0540	0.0500	1	06/08/22	06/09/22		
Total Xylenes	0.0540	0.0250	1	06/08/22	06/09/22		
Surrogate: 4-Bromochlorobenzene-PID		97.9 %	70-130	06/08/22	06/09/22		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	:: IY		Batch: 2224028	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/22	06/09/22		
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.7 %	70-130	06/08/22	06/09/22		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst	:: JL		Batch: 2224050	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/09/22	06/09/22		
Dil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/09/22		
Surrogate: n-Nonane		119 %	50-200	06/09/22	06/09/22		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	:: KL		Batch: 2224033	
Chloride	ND	200	10	06/08/22	06/09/22		



	5	ample D	ala			
Frontier Field Services	Project Name:	Mar	ch AMT #1			
10077 Grogan Mill Rd Ste 300	Project Numbe	er: 210	80-0001			Reported:
The Woodlands TX, 77380	Project Manag	ger: Trav	vis Casey			6/10/2022 2:07:29PM
	S	W03 @ 0-2 f	t			
		E206031-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: IY		Batch: 2224028
Benzene	ND	0.0250	1	06/08/22	06/09/22	
Ethylbenzene	ND	0.0250	1	06/08/22	06/09/22	
Toluene	ND	0.0250	1	06/08/22	06/09/22	
p-Xylene	ND	0.0250	1	06/08/22	06/09/22	
o,m-Xylene	ND	0.0500	1	06/08/22	06/09/22	
Fotal Xylenes	ND	0.0250	1	06/08/22	06/09/22	
Surrogate: 4-Bromochlorobenzene-PID		98.7 %	70-130	06/08/22	06/09/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: IY		Batch: 2224028
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/22	06/09/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.0 %	70-130	06/08/22	06/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: JL		Batch: 2224050
Diesel Range Organics (C10-C28)	95.7	25.0	1	06/09/22	06/09/22	
Dil Range Organics (C28-C36)	60.0	50.0	1	06/09/22	06/09/22	
Surrogate: n-Nonane		103 %	50-200	06/09/22	06/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: KL		Batch: 2224033
Chloride	ND	100	5	06/08/22	06/09/22	



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	Sa	ample D	ata				
Frontier Field Services	Project Name:		ch AMT #1	l			D (1
10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380	Project Numbe		30-0001				<b>Reported:</b> 6/10/2022 2:07:29PM
The woodlands TX, 77380	Project Manag	ger: Trav	is Casey				6/10/2022 2:07:29PM
	SV	W04 @ 0-2 f	t				
		E206031-04					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	ng/kg Analyst: IY				Batch: 2224028
Benzene	ND	0.0250		1	06/08/22	06/09/22	
Ethylbenzene	ND	0.0250		1	06/08/22	06/09/22	
Toluene	ND	0.0250		1	06/08/22	06/09/22	
p-Xylene	ND	0.0250		1	06/08/22	06/09/22	
p,m-Xylene	ND	0.0500		1	06/08/22	06/09/22	
Total Xylenes	ND	0.0250		1	06/08/22	06/09/22	
Surrogate: 4-Bromochlorobenzene-PID		98.9 %	70-130		06/08/22	06/09/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2224028
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/08/22	06/09/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.4 %	70-130		06/08/22	06/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2224050
Diesel Range Organics (C10-C28)	68.0	25.0		1	06/09/22	06/09/22	
Dil Range Organics (C28-C36)	ND	50.0		1	06/09/22	06/09/22	
Surrogate: n-Nonane		113 %	50-200		06/09/22	06/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2224033
Chloride	103	20.0		1	06/08/22	06/09/22	

	5	ample D	ลเล				
Frontier Field Services	Project Name:	: Mar	ch AMT #1				
10077 Grogan Mill Rd Ste 300	Project Numb	er: 210	80-0001			Reported:	
The Woodlands TX, 77380	Project Manag	ger: Trav	vis Casey			6/10/2022 2:07:29PM	
	S	W05 @ 0-2 f	ť				
		E206031-05					
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2224028	
Benzene	ND	0.0250	1	06/08/22	06/09/22		
Ethylbenzene	ND	0.0250	1	06/08/22	06/09/22		
Toluene	ND	0.0250	1	06/08/22	06/09/22		
p-Xylene	ND	0.0250	1	06/08/22	06/09/22		
o,m-Xylene	ND	0.0500	1	06/08/22	06/09/22		
Fotal Xylenes	ND	0.0250	1	06/08/22	06/09/22		
Surrogate: 4-Bromochlorobenzene-PID		98.7 %	70-130	06/08/22	06/09/22		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2224028	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/22	06/09/22		
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.9 %	70-130	06/08/22	06/09/22		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2224050	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/09/22	06/09/22		
Dil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/09/22		
Surrogate: n-Nonane		116 %	50-200	06/09/22	06/09/22		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2224033	
Chloride	ND	20.0	1	06/08/22	06/09/22		



	5	ampie D	ala			
Frontier Field Services 10077 Grogan Mill Rd Ste 300	Project Name: Project Numbe		ch AMT #1 80-0001			Reported:
The Woodlands TX, 77380	Project Manag	ger: Trav	vis Casey		6/10/2022 2:07:29PM	
	SV	W06 @ 0-2 f	t			
		E206031-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: IY		Batch: 2224028
Benzene	ND	0.0250	1	06/08/22	06/09/22	
Ethylbenzene	ND	0.0250	1	06/08/22	06/09/22	
Toluene	ND	0.0250	1	06/08/22	06/09/22	
p-Xylene	ND	0.0250	1	06/08/22	06/09/22	
p,m-Xylene	ND	0.0500	1	06/08/22	06/09/22	
Fotal Xylenes	ND	0.0250	1	06/08/22	06/09/22	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	06/08/22	06/09/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: IY		Batch: 2224028
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/22	06/09/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.7 %	70-130	06/08/22	06/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: JL		Batch: 2224050
Diesel Range Organics (C10-C28)	95.5	25.0	1	06/09/22	06/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/09/22	
Surrogate: n-Nonane		108 %	50-200	06/09/22	06/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: KL		Batch: 2224033
Chloride	77.6	20.0	1	06/08/22	06/09/22	



	56	ample D	ala				
Frontier Field Services	Project Name:	Mar	ch AMT #1				
10077 Grogan Mill Rd Ste 300	Project Numbe	er: 2108	30-0001			Reported:	
The Woodlands TX, 77380	Project Manag	er: Trav	is Casey			6/10/2022 2:07:29PM	
	SV	W07 @ 0-4 f	t				
		E206031-07					
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: IY		Batch: 2224028	
Benzene	ND	0.0250	1	06/08/22	06/09/22		
Ethylbenzene	ND	0.0250	1	06/08/22	06/09/22		
oluene	ND	0.0250	1	06/08/22	06/09/22		
-Xylene	ND	0.0250	1	06/08/22	06/09/22		
,m-Xylene	ND	0.0500	1	06/08/22	06/09/22		
Total Xylenes	ND	0.0250	1	06/08/22	06/09/22		
urrogate: 4-Bromochlorobenzene-PID		98.1 %	70-130	06/08/22	06/09/22		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: IY		Batch: 2224028	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/22	06/09/22		
urrogate: 1-Chloro-4-fluorobenzene-FID		89.3 %	70-130	06/08/22	06/09/22		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: JL		Batch: 2224050	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/09/22	06/09/22		
Dil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/09/22		
Surrogate: n-Nonane		118 %	50-200	06/09/22	06/09/22		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: KL		Batch: 2224033	
Chloride	ND	20.0	1	06/08/22	06/09/22		



	Sa	ample D	ata			
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380	Project Name: Project Numbe Project Manag	er: 2108	ch AMT #1 80-0001 ris Casey			<b>Reported:</b> 6/10/2022 2:07:29PM
	S	W08 @ 0-4 f	t			
		E206031-08				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	Batch: 2224028		
Benzene	ND	0.0250	1	06/08/22	06/09/22	
Ethylbenzene	ND	0.0250	1	06/08/22	06/09/22	
Toluene	ND	0.0250	1	06/08/22	06/09/22	
o-Xylene	ND	0.0250	1	06/08/22	06/09/22	
p,m-Xylene	ND	0.0500	1	06/08/22	06/09/22	
Total Xylenes	ND	0.0250	1	06/08/22	06/09/22	
Surrogate: 4-Bromochlorobenzene-PID		99.1 %	70-130	06/08/22	06/09/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: IY		Batch: 2224028
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/22	06/09/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.5 %	70-130	06/08/22	06/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	/st: JL		Batch: 2224050
Diesel Range Organics (C10-C28)	ND	25.0	1	06/09/22	06/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/09/22	
Surrogate: n-Nonane		116 %	50-200	06/09/22	06/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: KL		Batch: 2224033
Chloride	ND	20.0	1	06/08/22	06/09/22	

	D	ampic D	ala			
Frontier Field Services	5					
10077 Grogan Mill Rd Ste 300	Project Numb		30-0001	Reported:		
The Woodlands TX, 77380	Project Manag	ger: Irav	ris Casey			6/10/2022 2:07:29PM
		E206031-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY	Batch: 2224028	
Benzene	ND	0.0250	1	06/08/22	06/09/22	
Ethylbenzene	ND	0.0250	1	06/08/22	06/09/22	
Toluene	ND	0.0250	1	06/08/22	06/09/22	
o-Xylene	ND	0.0250	1	06/08/22	06/09/22	
p,m-Xylene	ND	0.0500	1	06/08/22	06/09/22	
Total Xylenes	ND	0.0250	1	06/08/22	06/09/22	
Surrogate: 4-Bromochlorobenzene-PID		99.6 %	70-130	06/08/22	06/09/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2224028
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/22	06/09/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.0 %	70-130	06/08/22	06/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2224050
Diesel Range Organics (C10-C28)	42.1	25.0	1	06/09/22	06/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/09/22	
Surrogate: n-Nonane		126 %	50-200	06/09/22	06/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	:: KL		Batch: 2224033
Chloride	24.1	20.0	1	06/08/22	06/09/22	



	5	ampic D	ala			
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380	Project Name: Project Numb Project Manaş	er: 210	ch AMT #1 80-0001 /is Casey	<b>Reported:</b> 6/10/2022 2:07:29PM		
	S	W10 @ 0-4 f	ť			
		E206031-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY	Batch: 2224028	
Benzene	ND	0.0250	1	06/08/22	06/09/22	
Ethylbenzene	ND	0.0250	1	06/08/22	06/09/22	
Toluene	ND	0.0250	1	06/08/22	06/09/22	
p-Xylene	ND	0.0250	1	06/08/22	06/09/22	
p,m-Xylene	ND	0.0500	1	06/08/22	06/09/22	
Total Xylenes	ND	0.0250	1	06/08/22	06/09/22	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	06/08/22	06/09/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2224028
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/22	06/09/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.1 %	70-130	06/08/22	06/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2224050
Diesel Range Organics (C10-C28)	39.9	25.0	1	06/09/22	06/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/09/22	
Surrogate: n-Nonane		116 %	50-200	06/09/22	06/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	:: KL		Batch: 2224033
Chloride	ND	100	5	06/08/22	06/09/22	



# **QC Summary Data**

		QU DI		ing Date					
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380		Project Name: Project Number: Project Manager:	21	larch AMT #1 1080-0001 ravis Casey					<b>Reported:</b> 6/10/2022 2:07:29PM
The woodlands TA, 7/380		, ,							0/10/2022 2.0/.29FW
		Volatile O	rganics <b>b</b>	by EPA 802	1B				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 (2224028-BLK1)							Prepared: 0	6/08/22 A	nalyzed: 06/09/22
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: 4-Bromochlorobenzene-PID	7.67		8.00		95.8	70-130			
LCS (2224028-BS1)			Prepared: 0	6/08/22 A	nalyzed: 06/09/22				
Benzene	5.36	0.0250	5.00		107	70-130			
Ethylbenzene	4.88	0.0250	5.00		97.6	70-130			
Toluene	5.17	0.0250	5.00		103	70-130			
p-Xylene	5.06	0.0250	5.00		101	70-130			
p,m-Xylene	10.0	0.0500	10.0		100	70-130			
Total Xylenes	15.1	0.0250	15.0		101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.91		8.00		98.8	70-130			
Matrix Spike (2224028-MS1)				Source:	E206031-	01	Prepared: 0	6/08/22 A	nalyzed: 06/09/22
Benzene	4.94	0.0250	5.00	ND	98.8	54-133			
Ethylbenzene	4.50	0.0250	5.00	ND	90.1	61-133			
Toluene	4.77	0.0250	5.00	ND	95.4	61-130			
o-Xylene	4.66	0.0250	5.00	ND	93.2	63-131			
p,m-Xylene	9.28	0.0500	10.0	ND	92.8	63-131			
Total Xylenes	13.9	0.0250	15.0	ND	93.0	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.91		8.00		98.9	70-130			
Matrix Spike Dup (2224028-MSD1)				Source:	E206031-	01	Prepared: 0	6/08/22 A	nalyzed: 06/09/22
Benzene	5.25	0.0250	5.00	ND	105	54-133	6.08	20	
Ethylbenzene	4.78	0.0250	5.00	ND	95.7	61-133	6.03	20	
Toluene	5.07	0.0250	5.00	ND	101	61-130	6.13	20	
o-Xylene	4.95	0.0250	5.00	ND	99.0	63-131	5.95	20	
p,m-Xylene	9.85	0.0500	10.0	ND	98.5	63-131	5.97	20	
Total Xylenes	14.8	0.0250	15.0	ND	98.7	63-131	5.97	20	
Surrogate: 4-Bromochlorobenzene-PID	7.82		8.00						



# **QC Summary Data**

		$\mathbf{x} \in \mathbf{z}$		ary Data	·				
Frontier Field Services 10077 Grogan Mill Rd Ste 300		Project Name: Project Number:	2	March AMT #1					Reported:
The Woodlands TX, 77380		Project Manager:	1	Travis Casey					6/10/2022 2:07:29PM
	No	nhalogenated C	Organics	by EPA 801	5D - Gl	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 (2224028-BLK1)							Prepared: 0	6/08/22	Analyzed: 06/09/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.43		8.00		92.9	70-130			
LCS (2224028-BS2)							Prepared: 0	6/08/22	Analyzed: 06/09/22
Gasoline Range Organics (C6-C10)	52.5	20.0	50.0		105	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.9	70-130			
Matrix Spike (2224028-MS2)				Source: <b>H</b>	206031-	01	Prepared: 0	6/08/22	Analyzed: 06/09/22
Gasoline Range Organics (C6-C10)	53.7	20.0	50.0	ND	107	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.37		8.00		92.1	70-130			
Matrix Spike Dup (2224028-MSD2)				Source: I	206031-	01	Prepared: 0	6/08/22	Analyzed: 06/09/22
Gasoline Range Organics (C6-C10)	55.0	20.0	50.0	ND	110	70-130	2.49	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.38		8.00		92.3	70-130			



# QC Summary Data

		QC SI		ary Data					
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380		Project Name: Project Number: Project Manager:	2	March AMT #1 21080-0001 Fravis Casey					<b>Reported:</b> 6/10/2022 2:07:29PM
	Nonh	alogenated Orga	anics by	v 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 (2224050-BLK1)							Prepared: 0	6/09/22 A	nalyzed: 06/09/22
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND ND	25.0 50.0							
Surrogate: n-Nonane	58.2		50.0		116	50-200			
LCS (2224050-BS1)							Prepared: 0	6/09/22 A	analyzed: 06/09/22
Diesel Range Organics (C10-C28)	497	25.0	500		99.3	38-132			
Surrogate: n-Nonane	57.1		50.0		114	50-200			
Matrix Spike (2224050-MS1)				Source: <b>E</b>	206032-	02	Prepared: 0	6/09/22 A	analyzed: 06/09/22
Diesel Range Organics (C10-C28)	512	25.0	500	ND	102	38-132			
Surrogate: n-Nonane	57.7		50.0		115	50-200			
Matrix Spike Dup (2224050-MSD1)				Source: E	206032-	02	Prepared: 0	6/09/22 A	analyzed: 06/09/22
Diesel Range Organics (C10-C28)	511	25.0	500	ND	102	38-132	0.153	20	
Surrogate: n-Nonane	64.6		50.0		129	50-200			



# **QC Summary Data**

		· ·		v					
Frontier Field Services		Project Name:		arch AMT #1					Reported:
10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380		Project Number: Project Manager:		080-0001 avis Casey					6/10/2022 2:07:29PM
		, ,		300.0/9056 <i>A</i>	4				Analyst: KL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2224033-BLK1)							Prepared: 0	6/08/22 A	nalyzed: 06/09/22
Chloride	ND	20.0							
LCS (2224033-BS1)							Prepared: 0	6/08/22 A	nalyzed: 06/09/22
Chloride	274	20.0	250		110	90-110			
LCS Dup (2224033-BSD1)							Prepared: 0	6/08/22 A	nalyzed: 06/09/22
Chloride	265	20.0	250		106	90-110	3.44	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.



Frontier Field Services	Project Name:	March AMT #1	
10077 Grogan Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Travis Casey	06/10/22 14:07

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 11:53:26 AM

Client: F	rontier Fie	eld Servic	es	[	Bill To		1		La	ab U	se On	ily		T		T/	AT	EPA Pr	ogram
Project:	March AN	/IT # 1			Attention: Frontier Field Se	ervices	Lab WO#			Job	Numi			2D	3D	Standard	CWA	SDWA	
Project N	/lanager:	Travis C	asey		Address: 10077 Gorgan's Mi	ills Rd Suite 300	EQ	201	005	3	Lan	SD.	-000				Х		
Address:			ens Stree	t.	City, State, Zip The Woodla	ands, Tx 77380							d Meth				· · · · · · · · · · · · · · · · · · ·		RCRA
City. Stat	e, Zip Ca	arlsbad .N	M 8822	0	Phone: 575-703-7992			Å		<b></b>				1					
Phone:		89-5949			Email: AGroves@durangomi	idstream com		ßÖ										State	
	Travis.cas			-			1	8	_			0						UTAZ	TX
Report d		5 Days		-				/DR	3021	8260	12	300.0		Νž	Ĕ		×		
Time	Date		No. of	1		Lab	1	GRO	by 8	₽ Å	ls 6	l ä		l 8	y			<b>.</b>	
Sampled	Sampled	Matrix	Containers	Sample ID		Number		TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by	Metals 6010	Chloride		BGDOC	BGDOC			Remarks	
9:40	6/2/22				SW01 @ 0-2 ft					-				٣	1				
5.40	0,2,22	S	1		5001 @ 0 2 10			Χ	X			X						Composite	
9:45	6/2/22		1		SW02 @ 0-2 ft						<u>†</u> '				-	+			
5.45	0,2,22	S	1		51102 @ 0-211	2		X	X			X						Composite	
9:50	6/2/22				SW03 @ 0-2 ft											-			
9.50	0/2/22	S	1		3003 @ 0-210	3		X	X			X						Composite	
0.55	6/2/22				SW04 @ 0-2 ft														
9:55	0/2/22	S	1		3004 @ 0-210	4		X	X			X						Composite	
10.00	C/2/22			- <del> </del>	SWOF @ 0.24		╉──╁			<u> </u>					-	+			
10:00	6/2/22	S	1		SW05 @ 0-2 ft	5		X	X			X						Composite	
10.05	C /2 /22						╉╼╾┥			<u> </u>		$ \vdash $		_	+	-	├ <u>─</u> -		
10:05	6/2/22	S	1		SW06 @ 0-2 ft	$  \boldsymbol{\omega}  $		X	X			<b>X</b>						Composite	
						-					-	┝╍╍┥		+-	_				
13:00	6/2/22	S	1		SW07 @ 0-4ft	7		X	X			X	1					Composite	
			_			7				ļ	<u> </u>				_				
13:05	6/2/22	s	1		SW08 @ 0-4 ft	8		X	X			x						Composite	
		_		· · · · · · · · · · · · · · · · · · ·		0					ļ			_					
13:10	6/2/22	S	1		SW09 @ 0-4 ft	9		X	X			x						Composite	
			_	1						L									
13:15	6/2/22	s	1 1		SW10 @ 0-4ft			Х	x			x						Composite	
		Ŭ		1				~											
ddition	al Instruc	tions:																	
(field sam	pler), attest to	o the validity	and authen	ticity of this sample. I	am aware that tampering with or intentionally	y mislabelling the sample	e locatio	on,					-				ceived on ice the day		ed or received
ate or time	e of collection	is considere	d fraud and	may be grounds for le							packed	in ice a	t an avg tei	np above	0 but l	ess than i	6 °C on subsequent da	ays.	
	ed by: (Signa	ature)	Date		Received by: (Signature	√∕ <sup>Date</sup> ₽-3 -		Time		_						lse On	ly		
MES			06	02/2022 7:0	to Paulos ho	N/ 18-3 a	<u>}</u>		4	51	Rece	eived	on ice:	6	)/ N	1			
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Relinguish	ed by: (Signa	ature)	Date	Time	Received by: (Signature)	Date		Time			1								
		-									AVG	Tem	n°r	4					
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						Page 20 of 2	1										-		_



# **Envirotech Analytical Laboratory**

		i vii oteen	1 Milling	ticul Euporatory		1 mileu. 0/ //2022 11.51.02A
istructions	s: Please take note of any NO checkmarks.	Sample	Receipt	Checklist (SRC)		
	e no response concerning these items within 24 hours of the e	late of this not	ice, all the	samples will be analyzed as re	equested.	
Client:	Frontier Field Services Da	te Received:	06/04/22	12:00	Work Order ID:	E206031
Phone:	(575) 676-3500 Da	ate Logged In:	06/06/22	09:55	Logged In By:	Caitlin Christian
Email:	travis.casey@wsp.com Du	ie Date:	06/10/22	17:00 (4 day TAT)		
Chain o	f Custody (COC)					
1. Does	the sample ID match the COC?		Yes			
	the number of samples per sampling site location match	the COC	Yes			
3. Were	samples dropped off by client or carrier?		Yes	Carrier: UPS		
4. Was tl	he COC complete, i.e., signatures, dates/times, requested	analyses?	Yes			
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	e field,	Yes		<u>Commen</u>	ts/Resolution
Sample	Turn Around Time (TAT)					
-	the COC indicate standard TAT, or Expedited TAT?		Yes			
Sample	· •					
	sample cooler received?		Yes			
	, was cooler received in good condition?		Yes			
9. Was tl	he sample(s) received intact, i.e., not broken?		Yes			
	e custody/security seals present?		No			
	s, were custody/security seals intact?		NA			
12. Was t	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 tem	ceived w/i 15	Yes			
	Container					
	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?		Yes			
19. Is the	appropriate volume/weight or number of sample containers	collected?	Yes			
Field La	abel					
20. Were	e field sample labels filled out with the minimum inform	ation:				
	Sample ID?		Yes			
	Date/Time Collected?		Yes			
	Collectors name?		No			
	<u>Preservation</u> s the COC or field labels indicate the samples were prese	muod9	No			
	sample(s) correctly preserved?	aveu?	No NA			
	b filteration required and/or requested for dissolved meta	ls?	NA			
	ase Sample Matrix		110			
	s the sample Matrix		NT-			
	s, does the COC specify which phase(s) is to be analyzed	49	No			
			NA			
	tract Laboratory					
	samples required to get sent to a subcontract laboratory?	1.0	No			
29. Was	a subcontract laboratory specified by the client and if so	who?	NA	Subcontract Lab: na		
<u>Client</u> l	Instruction					

**Client Instruction** 

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



envirotech Inc.

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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: March

March AMT #1

Work Order: E206032

Job Number: 21080-0001

Received: 6/4/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 6/10/22

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: 6/10/22

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

Project Name: March AMT #1 Workorder: E206032 Date Received: 6/4/2022 12:00:00PM

Travis Casey,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/4/2022 12:00:00PM, under the Project Name: March AMT #1.

The analytical test results summarized in this report with the Project Name: March AMT #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



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### Sample Summary

		Sample Sum	illai y		
Frontier Field Services		Project Name:	March AMT #1		Reported:
10077 Grogan Mill Rd Ste 300		Project Number:	21080-0001		Keporteu.
The Woodlands TX, 77380		Project Manager:	Travis Casey		06/10/22 15:18
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
<b>L</b>	1				
FS11 @ 4 ft	E206032-01A	Soil	06/02/22	06/04/22	Glass Jar, 2 oz.
FS12 @ 4 ft	E206032-02A	Soil	06/02/22	06/04/22	Glass Jar, 2 oz.
FS13 @ 4 ft	E206032-03A	Soil	06/02/22	06/04/22	Glass Jar, 2 oz.
FS14 @ 4 ft	E206032-04A	Soil	06/02/22	06/04/22	Glass Jar, 2 oz.



	Di	ample D	ala			
Frontier Field Services	Project Name:		ch AMT #1			
10077 Grogan Mill Rd Ste 300	Project Numbe	er: 2108	30-0001			Reported:
The Woodlands TX, 77380	Project Manag	ger: Trav	ris Casey			6/10/2022 3:18:51PM
	]	FS11 @ 4 ft				
		E206032-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2224029
Benzene	ND	0.0250	1	06/08/22	06/10/22	
Ethylbenzene	ND	0.0250	1	06/08/22	06/10/22	
Toluene	ND	0.0250	1	06/08/22	06/10/22	
p-Xylene	ND	0.0250	1	06/08/22	06/10/22	
o,m-Xylene	ND	0.0500	1	06/08/22	06/10/22	
Fotal Xylenes	ND	0.0250	1	06/08/22	06/10/22	
Surrogate: 4-Bromochlorobenzene-PID		96.0 %	70-130	06/08/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2224029
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/22	06/10/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.2 %	70-130	06/08/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2224050
Diesel Range Organics (C10-C28)	ND	25.0	1	06/09/22	06/09/22	
Dil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/09/22	
Surrogate: n-Nonane		114 %	50-200	06/09/22	06/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: KL		Batch: 2224034
Chloride	ND	200	10	06/08/22	06/09/22	

# **Sample Data**



# Sample Data

	6	ample D	ala			
Frontier Field Services 10077 Grogan Mill Rd Ste 300	Project Name Project Numb		ch AMT #1 80-0001			Reported:
The Woodlands TX, 77380	Project Manag		vis Casey			6/10/2022 3:18:51PM
		FS12 @ 4 ft				
		E206032-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2224029
Benzene	ND	0.0250	1	06/08/22	06/10/22	
Ethylbenzene	ND	0.0250	1	06/08/22	06/10/22	
oluene	ND	0.0250	1	06/08/22	06/10/22	
o-Xylene	ND	0.0250	1	06/08/22	06/10/22	
o,m-Xylene	ND	0.0500	1	06/08/22	06/10/22	
Total Xylenes	ND	0.0250	1	06/08/22	06/10/22	
urrogate: 4-Bromochlorobenzene-PID		95.4 %	70-130	06/08/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2224029
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/22	06/10/22	
urrogate: 1-Chloro-4-fluorobenzene-FID		90.0 %	70-130	06/08/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2224050
Diesel Range Organics (C10-C28)	ND	25.0	1	06/09/22	06/09/22	
Dil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/09/22	
Surrogate: n-Nonane		120 %	50-200	06/09/22	06/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: KL		Batch: 2224034
Chloride	ND	200	10	06/08/22	06/09/22	



# Sample Data

	0	ampie D	ala			
Frontier Field Services 10077 Grogan Mill Rd Ste 300	Project Name Project Numb		ch AMT #1 80-0001			Reported:
The Woodlands TX, 77380	Project Manag	ger: Trav	vis Casey			6/10/2022 3:18:51PM
	-	FS13 @ 4 ft				
		E206032-03				
		Reporting				
Analyte	Result	Limit	Dilut	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	А	.nalyst: IY		Batch: 2224029
Benzene	ND	0.0250	1	06/08/22	06/10/22	
Ethylbenzene	ND	0.0250	1	06/08/22	06/10/22	
Toluene	ND	0.0250	1	06/08/22	06/10/22	
p-Xylene	ND	0.0250	1	06/08/22	06/10/22	
o,m-Xylene	ND	0.0500	1	06/08/22	06/10/22	
Total Xylenes	ND	0.0250	1	06/08/22	06/10/22	
Surrogate: 4-Bromochlorobenzene-PID		94.4 %	70-130	06/08/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	.nalyst: IY		Batch: 2224029
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/22	06/10/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.4 %	70-130	06/08/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	А	.nalyst: JL		Batch: 2224050
Diesel Range Organics (C10-C28)	ND	25.0	1	06/09/22	06/09/22	
Dil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/09/22	
Surrogate: n-Nonane		63.6 %	50-200	06/09/22	06/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	А	.nalyst: KL		Batch: 2224034
Chloride	154	20.0	1	06/08/22	06/09/22	



# Sample Data

	5	ampie D	ala			
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380	Project Name Project Numb Project Manag	per: 210	ch AMT #1 80-0001 vis Casey			<b>Reported:</b> 6/10/2022 3:18:51PM
		FS14 @ 4 ft				
		E206032-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: IY		Batch: 2224029
Benzene	ND	0.0250	1	06/08/22	06/10/22	
Ethylbenzene	ND	0.0250	1	06/08/22	06/10/22	
Toluene	ND	0.0250	1	06/08/22	06/10/22	
p-Xylene	ND	0.0250	1	06/08/22	06/10/22	
o,m-Xylene	ND	0.0500	1	06/08/22	06/10/22	
Total Xylenes	ND	0.0250	1	06/08/22	06/10/22	
Surrogate: 4-Bromochlorobenzene-PID		97.0 %	70-130	06/08/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: IY		Batch: 2224029
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/22	06/10/22	
urrogate: 1-Chloro-4-fluorobenzene-FID		89.3 %	70-130	06/08/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: JL		Batch: 2224050
Diesel Range Organics (C10-C28)	ND	25.0	1	06/09/22	06/10/22	
Dil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/10/22	
Surrogate: n-Nonane		130 %	50-200	06/09/22	06/10/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: KL		Batch: 2224034
Chloride	25.5	20.0	1	06/08/22	06/09/22	



# **QC Summary Data**

		$\mathbf{x} \in \mathcal{Z}$		ary Data					
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380		Project Name: Project Number: Project Manager:	2	March AMT #1 1080-0001 Travis Casey					<b>Reported:</b> 6/10/2022 3:18:51PM
		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 (2224029-BLK1)							Proporad: 0	6/08/22 /	Analyzed: 06/10/22
· · · ·							Flepaleu. 0	0/08/22 F	maryzeu. 00/10/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-Xylene	ND	0.0250							
p,m-Xylene	ND ND	0.0500							
Total Xylenes		0.0250	0.00			50.100			
Surrogate: 4-Bromochlorobenzene-PID	7.58		8.00		94.7	70-130			
LCS (2224029-BS1)							Prepared: 0	6/08/22 A	Analyzed: 06/10/22
Benzene	5.20	0.0250	5.00		104	70-130			
Ethylbenzene	4.72	0.0250	5.00		94.5	70-130			
Toluene	5.01	0.0250	5.00		100	70-130			
o-Xylene	4.90	0.0250	5.00		98.0	70-130			
p,m-Xylene	9.74	0.0500	10.0		97.4	70-130			
Total Xylenes	14.6	0.0250	15.0		97.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.67		8.00		95.8	70-130			
LCS Dup (2224029-BSD1)							Prepared: 0	6/08/22 A	Analyzed: 06/10/22
Benzene	5.14	0.0250	5.00		103	70-130	1.24	20	
Ethylbenzene	4.67	0.0250	5.00		93.4	70-130	1.20	20	
Toluene	4.95	0.0250	5.00		99.1	70-130	1.20	20	
o-Xylene	4.84	0.0250	5.00		96.7	70-130	1.30	20	
p,m-Xylene	9.62	0.0500	10.0		96.2	70-130	1.24	20	
Total Xylenes	14.5	0.0250	15.0		96.4	70-130	1.26	20	
Surrogate: 4-Bromochlorobenzene-PID	7.56		8.00		94.5	70-130			



# **QC Summary Data**

		<b>Y Y Y</b>			•				
Frontier Field Services		Project Name:		March AMT #1					Reported:
10077 Grogan Mill Rd Ste 300		Project Number		21080-0001					
The Woodlands TX, 77380		Project Manage	r: ]	Fravis Casey					6/10/2022 3:18:51PM
	No	nhalogenated	Organics	s 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 (2224029-BLK1)							Prepared: 0	6/08/22 A	nalyzed: 06/10/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.25		8.00		90.6	70-130			
LCS (2224029-BS2)							Prepared: 0	6/08/22 A	nalyzed: 06/10/22
Gasoline Range Organics (C6-C10)	46.8	20.0	50.0		93.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		8.00		92.0	70-130			
LCS Dup (2224029-BSD2)							Prepared: 0	6/08/22 A	nalyzed: 06/10/22
Gasoline Range Organics (C6-C10)	47.7	20.0	50.0		95.5	70-130	1.94	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.38		8.00		92.2	70-130			



# QC Summary Data

		QC D	u 111111	aly Data					
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380		Project Name: Project Number: Project Manager:	2	March AMT #1 21080-0001 Fravis Casey					<b>Reported:</b> 6/10/2022 3:18:51PM
	Nonh	alogenated Org	anics by	v 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 (2224050-BLK1)							Prepared: 0	6/09/22 A	analyzed: 06/09/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	58.2		50.0		116	50-200			
LCS (2224050-BS1)							Prepared: 0	6/09/22 A	analyzed: 06/09/22
Diesel Range Organics (C10-C28)	497	25.0	500		99.3	38-132			
Surrogate: n-Nonane	57.1		50.0		114	50-200			
Matrix Spike (2224050-MS1)				Source: <b>E</b>	206032-	02	Prepared: 0	6/09/22 A	analyzed: 06/09/22
Diesel Range Organics (C10-C28)	512	25.0	500	ND	102	38-132			
Surrogate: n-Nonane	57.7		50.0		115	50-200			
Matrix Spike Dup (2224050-MSD1)				Source: <b>E</b>	206032-	02	Prepared: 0	6/09/22 A	analyzed: 06/09/22
Diesel Range Organics (C10-C28)	511	25.0	500	ND	102	38-132	0.153	20	
Surrogate: n-Nonane	64.6		50.0		129	50-200			



# **QC Summary Data**

		$\mathbf{x} \circ \sim$	••••••						
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380		Project Name: Project Number: Project Manager	2	1arch AMT #1 1080-0001 ravis Casey					<b>Reported:</b> 6/10/2022 3:18:51PM
		Anions	by EPA	300.0/90564	4				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 (2224034-BLK1)							Prepared: 0	6/08/22 A	nalyzed: 06/09/22
Chloride	ND	20.0							
LCS (2224034-BS1)							Prepared: 0	6/08/22 A	nalyzed: 06/10/22
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2224034-MS1)				Source:	E206032-	01	Prepared: 0	6/08/22 A	nalyzed: 06/09/22
Chloride	291	200	250	ND	116	80-120			
Matrix Spike Dup (2224034-MSD1)				Source:	E206032-	01	Prepared: 0	6/08/22 A	nalyzed: 06/09/22
Chloride	256	200	250	ND	102	80-120	12.7	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.



Frontier Field Services	Project Name:	March AMT #1	
10077 Grogan Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Travis Casey	06/10/22 15:18

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.



Release

Received by OCD: 8/10/2022 11:53:26 AM

	er Field Servio	es		Bill To		1		La	b Us	e On	ly				TA	т	EPA P	rogram
	h AMT # 1			Attention: Frontier Field Ser		Lab V	NO#			Jop I	Numb	per	1D	2D	3D	Standard	CWA	SDWA
	er: Travis (			Address: 10077 Gorgan's Mill		EZ	<u>'</u> C	æ				$\overline{\mathfrak{m}}$				<u> </u>	-	
	8 West Stev			City, State, Zip The Woodlan	<u>ds, Tx 77380</u>					Analy	sis an	d Meth	od		<del></del>			RCRA
	, Carlsbad		)	Phone: 575-703-7992			Å O											
	75-689-5949		-	Email: AGroves@durangomid	stream.com	- 1	ő,				_		i.			NAL C	State	
ort due by:	.casey@wsp : 5 Days		_				DRO	8021	8260	3	8		Σ	×			O UT AZ	
ime Date			<u>-</u>	······································	Lab	- 1	l g	ру 8	y 8.	ls 60	ide			1		×		
npled Sampl	I Matrix	No. of Containers	Sample ID		Number		TPH GRO/DRO/ORO by 8015	втех by	voc by	Metals 6010	Chloride 300.0		BGDOC	BGDOC			Remarks	
3:45 6/2/3	<sup>/22</sup> S	1		FS11 @ 4 ft			x	х			x						Composite	
3:50 6/2/3	<sup>/22</sup> S	1		FS12 @ 4 ft	8		x	х			х						Composite	
3:55 6/2/3	<sup>/22</sup> S	1		FS13 @ 4 ft	3		x	х			х						Composite	
4:00 6/2/	<sup>'22</sup> s	1		FS14 @ 4 ft	4		x	x			х						Composite	
					· · · · · · · · · · · · · · · · · · ·						_		_		$\left  \right $			
														<u> </u>				
													_					
					1.21													
ditional Inst	tructions:	<u> </u>	J			1								1	1	1		
			icity of this sample. I may be grounds for le	am aware that tampering with or intentionally i gal action. <u>Sampled by:</u>	mislabelling the sample	e locatio	n,					-				eived on ice the d °C on subsequent		ed or received
nguished by: (S		Date	4	40 Recfived by: (Signature)		22	Time	];4	4S	Bece	eived	on ice		.ab U D∕IN	se Onl	Y Link		
nguigeet by: (		A Pate	1-3-32 TIME	1-15 auto hit		22		: a	2	<u>T1</u>			<u>T2</u>			<u>T3</u>		
nquished by: (S	Signature)	Date	Time	Received by: (Signature)	Date		Time				Tem		4					
			queous, O - Other		Containe		_	_		_	_							
e: Samples are				unless other arrangements are made. Haza pratory with this COC. The liability of the lal								at the c	ient exp	pense.	The re	port for the a	nalysis of the	above



## **Envirotech Analytical Laboratory**

	EI	ivirotech	Analytic	cal Laboratory		Printed: 6/7/2022 11:33:08A
tructions	Please take note of any NO checkmarks.	Sample	Receipt Ch	necklist (SRC)		
ve receive	no response concerning these items within 24 hours of the	late of this noti	ice, all the sar	nples will be analyzed as requ	uested.	
Client:	Frontier Field Services Da	te Received:	06/04/22 12	:00	Work Order ID:	E206032
Phone:	(575) 676-3500 Da	te Logged In:	06/06/22 09	:56	Logged In By:	Caitlin Christian
Email:	travis.casey@wsp.com Du	ie Date:	06/10/22 17	:00 (4 day TAT)		
Chain of	Custody (COC)					
1. Does t	he sample ID match the COC?		Yes			
	he number of samples per sampling site location match	the COC	Yes			
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: UPS		
4. Was th	e COC complete, i.e., signatures, dates/times, requested	analyses?	Yes			
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in the	field,	Yes		Commen	ts/Resolution
Samuela 7	i.e, 15 minute hold time, are not included in this disucssion.				Commen	
	<b><u>Furn Around Time (TAT)</u></b> e COC indicate standard TAT, or Expedited TAT?		Yes			
	•		105			
Sample (	sample cooler received?		Yes			
	was cooler received in good condition?		Yes			
•	e sample(s) received intact, i.e., not broken?					
	• • • •		Yes			
	custody/security seals present?		No			
-	, were custody/security seals intact?		NA			
12. Was th	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		Yes			
13. If no	visible ice, record the temperature. Actual sample ten	nperature: <u>4°</u>	<u>'C</u>			
Sample (	<u>Container</u>					
14. Are a	queous VOC samples present?		No			
15. Are V	/OC samples collected in VOA Vials?		NA			
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA			
17. Was a	a trip blank (TB) included for VOC analyses?		NA			
18. Are n	on-VOC samples collected in the correct containers?		Yes			
19. Is the	appropriate volume/weight or number of sample containers	collected?	Yes			
Field La	<u>bel</u>					
	field sample labels filled out with the minimum inform	ation:				
	ample ID?		Yes			
	Date/Time Collected? Collectors name?		Yes			
	Preservation		No			
-	the COC or field labels indicate the samples were prese	rved?	No			
	ample(s) correctly preserved?		NA			
	filteration required and/or requested for dissolved meta	ls?	No			
	ase Sample Matrix					
	the sample have more than one phase, i.e., multiphase?		No			
	s, does the COC specify which phase(s) is to be analyzed	1?	NA			
			1 1/1			
	ract Laboratory		N-			
	amples required to get sent to a subcontract laboratory? a subcontract laboratory specified by the client and if so	who?	No NA S	who out to a to the second		
∠7. was a	a subcontract laboratory specified by the chefit and if so	wii0?	NA S	Subcontract Lab: na		

**Client Instruction** 

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



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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: March

March AMT #1

Work Order: E206033

Job Number: 21080-0001

Received: 6/4/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 6/10/22

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: 6/10/22

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

Project Name: March AMT #1 Workorder: E206033 Date Received: 6/4/2022 12:00:00PM

Travis Casey,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/4/2022 12:00:00PM, under the Project Name: March AMT #1.

The analytical test results summarized in this report with the Project Name: March AMT #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



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#### Sample Summarv

		Sampic Sum	mai y		
Frontier Field Services		Project Name:	March AMT #1		Reported:
10077 Grogan Mill Rd Ste 300		Project Number:	21080-0001		Reported.
The Woodlands TX, 77380		Project Manager:	Travis Casey		06/10/22 14:10
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS01 @ 2 ft	E206033-01A	Soil	05/31/22	06/04/22	Glass Jar, 2 oz.
FS02 @ 2 ft	E206033-02A	Soil	05/31/22	06/04/22	Glass Jar, 2 oz.
FS03 @ 2 ft	E206033-03A	Soil	05/31/22	06/04/22	Glass Jar, 2 oz.
FS04 @ 2 ft	E206033-04A	Soil	06/01/22	06/04/22	Glass Jar, 2 oz.
FS05 @ 2 ft	E206033-05A	Soil	06/01/22	06/04/22	Glass Jar, 2 oz.
FS06 @ 2 ft	E206033-06A	Soil	06/01/22	06/04/22	Glass Jar, 2 oz.
FS07 @ 2 ft	E206033-07A	Soil	06/01/22	06/04/22	Glass Jar, 2 oz.
FS08 @ 2 ft	E206033-08A	Soil	06/01/22	06/04/22	Glass Jar, 2 oz.
FS09 @ 2 ft	E206033-09A	Soil	06/01/22	06/04/22	Glass Jar, 2 oz.
FS10 @ 2 ft	E206033-10A	Soil	06/01/22	06/04/22	Glass Jar, 2 oz.



	5	ample D	ลเล			
Frontier Field Services	Project Name:	Mar	ch AMT #1			
10077 Grogan Mill Rd Ste 300	Project Numbe	er: 2108	80-0001		Reported:	
The Woodlands TX, 77380	Project Manag	ger: Trav	vis Casey			6/10/2022 2:10:01PM
	]	FS01 @ 2 ft				
		E206033-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2224028
Benzene	ND	0.0250	1	06/08/22	06/09/22	
Ethylbenzene	ND	0.0250	1	06/08/22	06/09/22	
Toluene	ND	0.0250	1	06/08/22	06/09/22	
p-Xylene	ND	0.0250	1	06/08/22	06/09/22	
o,m-Xylene	ND	0.0500	1	06/08/22	06/09/22	
Fotal Xylenes	ND	0.0250	1	06/08/22	06/09/22	
Surrogate: 4-Bromochlorobenzene-PID		99.1 %	70-130	06/08/22	06/09/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2224028
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/22	06/09/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.6 %	70-130	06/08/22	06/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2224049
Diesel Range Organics (C10-C28)	ND	25.0	1	06/09/22	06/09/22	
Dil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/09/22	
Surrogate: n-Nonane		124 %	50-200	06/09/22	06/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2224033
Chloride	ND	200	10	06/08/22	06/09/22	

# Sample Data

# Sample Data

	Di	ample D	ala			
Frontier Field Services	Project Name:		ch AMT #1			
10077 Grogan Mill Rd Ste 300	Project Numbe		80-0001		Reported:	
The Woodlands TX, 77380	Project Manag	ger: Trav	vis Casey			6/10/2022 2:10:01PM
	l	FS02 @ 2 ft				
		E206033-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2224028
Benzene	ND	0.0250	1	06/08/22	06/09/22	
Ethylbenzene	ND	0.0250	1	06/08/22	06/09/22	
Toluene	ND	0.0250	1	06/08/22	06/09/22	
o-Xylene	ND	0.0250	1	06/08/22	06/09/22	
o,m-Xylene	ND	0.0500	1	06/08/22	06/09/22	
Total Xylenes	ND	0.0250	1	06/08/22	06/09/22	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	06/08/22	06/09/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2224028
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/22	06/09/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.6 %	70-130	06/08/22	06/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2224049
Diesel Range Organics (C10-C28)	55.2	25.0	1	06/09/22	06/09/22	
Dil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/09/22	
Surrogate: n-Nonane		112 %	50-200	06/09/22	06/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	:: KL		Batch: 2224033
Chloride	ND	200	10	06/08/22	06/09/22	



# Sample Data

	5	ample D	ala			
Frontier Field Services 10077 Grogan Mill Rd Ste 300	Project Name: Project Numb		ch AMT #1 80-0001			Reported:
The Woodlands TX, 77380	Project Manag	ger: Trav	vis Casey			6/10/2022 2:10:01PM
		FS03 @ 2 ft				
		E206033-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	t: IY		Batch: 2224028
Benzene	ND	0.0250	1	06/08/22	06/09/22	
Ethylbenzene	ND	0.0250	1	06/08/22	06/09/22	
Toluene	ND	0.0250	1	06/08/22	06/09/22	
p-Xylene	ND	0.0250	1	06/08/22	06/09/22	
o,m-Xylene	ND	0.0500	1	06/08/22	06/09/22	
Fotal Xylenes	ND	0.0250	1	06/08/22	06/09/22	
urrogate: 4-Bromochlorobenzene-PID		101 %	70-130	06/08/22	06/09/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	t: IY		Batch: 2224028
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/22	06/09/22	
urrogate: 1-Chloro-4-fluorobenzene-FID		90.1 %	70-130	06/08/22	06/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst	t: JL		Batch: 2224049
Diesel Range Organics (C10-C28)	80.8	25.0	1	06/09/22	06/09/22	
Dil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/09/22	
urrogate: n-Nonane		113 %	50-200	06/09/22	06/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	:: KL		Batch: 2224033
Chloride	ND	200	10	06/08/22	06/09/22	



# Sample Data

	5	ampie D	ala			
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380	Project Name Project Numb Project Manaş	er: 210	ch AMT #1 80-0001 ⁄is Casey			<b>Reported:</b> 6/10/2022 2:10:01PM
	-	FS04 @ 2 ft				
		E206033-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: IY		Batch: 2224028
Benzene	ND	0.0250	1	06/08/22	06/09/22	
Ethylbenzene	ND	0.0250	1	06/08/22	06/09/22	
oluene	ND	0.0250	1	06/08/22	06/09/22	
-Xylene	ND	0.0250	1	06/08/22	06/09/22	
,m-Xylene	ND	0.0500	1	06/08/22	06/09/22	
Total Xylenes	ND	0.0250	1	06/08/22	06/09/22	
urrogate: 4-Bromochlorobenzene-PID		102 %	70-130	06/08/22	06/09/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: IY		Batch: 2224028
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/22	06/09/22	
urrogate: 1-Chloro-4-fluorobenzene-FID		90.0 %	70-130	06/08/22	06/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: JL		Batch: 2224049
Diesel Range Organics (C10-C28)	122	25.0	1	06/09/22	06/09/22	
Dil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/09/22	
urrogate: n-Nonane		115 %	50-200	06/09/22	06/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: KL		Batch: 2224033
Chloride	188	20.0	1	06/08/22	06/09/22	



# Sample Data

	D	ampic D	ala			
Frontier Field Services 10077 Grogan Mill Rd Ste 300	Project Name: Project Numb		ch AMT #1 80-0001			Reported:
The Woodlands TX, 77380	Project Manag		vis Casey	6/10/2022 2:10:01PM		
	]	FS05 @ 2 ft				
		E206033-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2224028
Benzene	ND	0.0250	1	06/08/22	06/09/22	
Ethylbenzene	ND	0.0250	1	06/08/22	06/09/22	
Toluene	ND	0.0250	1	06/08/22	06/09/22	
p-Xylene	ND	0.0250	1	06/08/22	06/09/22	
o,m-Xylene	ND	0.0500	1	06/08/22	06/09/22	
Total Xylenes	ND	0.0250	1	06/08/22	06/09/22	
urrogate: 4-Bromochlorobenzene-PID		96.9 %	70-130	06/08/22	06/09/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2224028
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/22	06/09/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.8 %	70-130	06/08/22	06/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2224049
Diesel Range Organics (C10-C28)	40.9	25.0	1	06/09/22	06/09/22	
Dil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/09/22	
Surrogate: n-Nonane		117 %	50-200	06/09/22	06/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: KL		Batch: 2224033
Chloride	210	100	5	06/08/22	06/09/22	



# Sample Data

	D	ampic D	ala			
Frontier Field Services 10077 Grogan Mill Rd Ste 300	Project Name: Project Numb		ch AMT #1 80-0001			Reported:
The Woodlands TX, 77380	Project Manag	ger: Trav	vis Casey			6/10/2022 2:10:01PM
	]	FS06 @ 2 ft				
		E206033-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: IY		Batch: 2224028
Benzene	ND	0.0250	1	06/08/22	06/09/22	
Ethylbenzene	ND	0.0250	1	06/08/22	06/09/22	
Toluene	ND	0.0250	1	06/08/22	06/09/22	
p-Xylene	ND	0.0250	1	06/08/22	06/09/22	
o,m-Xylene	ND	0.0500	1	06/08/22	06/09/22	
Fotal Xylenes	ND	0.0250	1	06/08/22	06/09/22	
Surrogate: 4-Bromochlorobenzene-PID		97.5 %	70-130	06/08/22	06/09/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: IY		Batch: 2224028
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/22	06/09/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.7 %	70-130	06/08/22	06/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: JL		Batch: 2224049
Diesel Range Organics (C10-C28)	119	25.0	1	06/09/22	06/09/22	
Dil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/09/22	
Surrogate: n-Nonane		103 %	50-200	06/09/22	06/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: KL		Batch: 2224033
Chloride	72.0	20.0	1	06/08/22	06/09/22	



# Sample Data

	5	ampie D	ala			
Frontier Field Services 10077 Grogan Mill Rd Ste 300	Project Name: Project Numb	er: 210	ch AMT #1 80-0001			Reported:
The Woodlands TX, 77380	Project Manag	ger: Trav	vis Casey			6/10/2022 2:10:01PM
	]	FS07 @ 2 ft				
		E206033-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2224028
Benzene	ND	0.0250	1	06/08/22	06/09/22	
Ethylbenzene	ND	0.0250	1	06/08/22	06/09/22	
Toluene	ND	0.0250	1	06/08/22	06/09/22	
o-Xylene	ND	0.0250	1	06/08/22	06/09/22	
p,m-Xylene	ND	0.0500	1	06/08/22	06/09/22	
Total Xylenes	ND	0.0250	1	06/08/22	06/09/22	
Surrogate: 4-Bromochlorobenzene-PID		97.3 %	70-130	06/08/22	06/09/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2224028
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/22	06/09/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.4 %	70-130	06/08/22	06/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2224049
Diesel Range Organics (C10-C28)	129	25.0	1	06/09/22	06/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/09/22	
Surrogate: n-Nonane		96.9 %	50-200	06/09/22	06/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2224033
Chloride	72.9	20.0	1	06/08/22	06/09/22	



## Sample Data

	Di	ample D	ala			
Frontier Field Services	Project Name:		ch AMT #1			D ( )
10077 Grogan Mill Rd Ste 300	Project Number		30-0001		<b>Reported:</b> 6/10/2022 2:10:01PM	
The Woodlands TX, 77380	Project Manag	ger: Trav	vis Casey			6/10/2022 2:10:01PM
	]	FS08 @ 2 ft				
		E206033-08				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	nalyst: IY		Batch: 2224028
Benzene	ND	0.0250	1	06/08/22	06/10/22	
Ethylbenzene	ND	0.0250	1	06/08/22	06/10/22	
Toluene	ND	0.0250	1	06/08/22	06/10/22	
p-Xylene	ND	0.0250	1	06/08/22	06/10/22	
o,m-Xylene	ND	0.0500	1	06/08/22	06/10/22	
Total Xylenes	ND	0.0250	1	06/08/22	06/10/22	
Surrogate: 4-Bromochlorobenzene-PID		96.4 %	70-130	06/08/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	nalyst: IY		Batch: 2224028
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/22	06/10/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.6 %	70-130	06/08/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	nalyst: JL		Batch: 2224049
Diesel Range Organics (C10-C28)	64.8	25.0	1	06/09/22	06/09/22	
Dil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/09/22	
Surrogate: n-Nonane		109 %	50-200	06/09/22	06/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	nalyst: KL		Batch: 2224033
Chloride	43.6	20.0	1	06/08/22	06/09/22	



# Sample Data

	0	ampie D	ala			
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380	Project Name Project Numb Project Manaş	per: 2108	ch AMT #1 80-0001 vis Casey			<b>Reported:</b> 6/10/2022 2:10:01PM
		FS09 @ 2 ft				
		E206033-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2224028
Benzene	ND	0.0250	1	06/08/22	06/10/22	
Ethylbenzene	ND	0.0250	1	06/08/22	06/10/22	
Toluene	ND	0.0250	1	06/08/22	06/10/22	
p-Xylene	ND	0.0250	1	06/08/22	06/10/22	
o,m-Xylene	ND	0.0500	1	06/08/22	06/10/22	
Total Xylenes	ND	0.0250	1	06/08/22	06/10/22	
Surrogate: 4-Bromochlorobenzene-PID		96.2 %	70-130	06/08/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2224028
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/22	06/10/22	
urrogate: 1-Chloro-4-fluorobenzene-FID		91.0 %	70-130	06/08/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2224049
Diesel Range Organics (C10-C28)	58.8	25.0	1	06/09/22	06/09/22	
Dil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/09/22	
Surrogate: n-Nonane		115 %	50-200	06/09/22	06/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2224033
Chloride	48.7	20.0	1	06/08/22	06/09/22	



## Sample Data

	Di Di	ample D	ala			
Frontier Field Services 10077 Grogan Mill Rd Ste 300	Project Name: Project Numbe		ch AMT #1 80-0001			Reported:
The Woodlands TX, 77380	Project Manag	ger: Trav	ris Casey			6/10/2022 2:10:01PM
	]	FS10 @ 2 ft				
		E206033-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2224028
Benzene	ND	0.0250	1	06/08/22	06/10/22	
Ethylbenzene	ND	0.0250	1	06/08/22	06/10/22	
oluene	ND	0.0250	1	06/08/22	06/10/22	
-Xylene	ND	0.0250	1	06/08/22	06/10/22	
,m-Xylene	ND	0.0500	1	06/08/22	06/10/22	
Total Xylenes	ND	0.0250	1	06/08/22	06/10/22	
urrogate: 4-Bromochlorobenzene-PID		96.5 %	70-130	06/08/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2224028
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/22	06/10/22	
urrogate: 1-Chloro-4-fluorobenzene-FID		91.4 %	70-130	06/08/22	06/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2224049
Diesel Range Organics (C10-C28)	72.4	25.0	1	06/09/22	06/09/22	
Dil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/09/22	
urrogate: n-Nonane		109 %	50-200	06/09/22	06/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2224033
Chloride	41.0	20.0	1	06/08/22	06/09/22	



# **QC Summary Data**

	QU DI		ing Dut					
	Project Name: Project Number: Project Manager:	21	1080-0001					<b>Reported:</b> 6/10/2022 2:10:01PM
	, 0			1R				
	volatile O	i ganics i	UY EI A 002	ID				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	6/08/22 A	nalyzed: 06/09/22
ND	0.0250							
ND	0.0250							
ND	0.0250							
ND	0.0250							
ND	0.0500							
ND	0.0250							
7.67		8.00		95.8	70-130			
						Prepared: 0	6/08/22 A	nalyzed: 06/09/22
5.36	0.0250	5.00		107	70-130			
4.88	0.0250	5.00		97.6	70-130			
5.17	0.0250	5.00		103	70-130			
5.06	0.0250	5.00		101	70-130			
10.0	0.0500	10.0		100	70-130			
15.1	0.0250	15.0		101	70-130			
7.91		8.00		98.8	70-130			
			Source:	E206031-	01	Prepared: 0	6/08/22 A	nalyzed: 06/09/22
4.94	0.0250	5.00	ND	98.8	54-133			
4.50	0.0250	5.00	ND	90.1	61-133			
4.77	0.0250	5.00	ND	95.4	61-130			
4.66	0.0250	5.00	ND	93.2	63-131			
9.28	0.0500	10.0	ND	92.8	63-131			
13.9	0.0250	15.0	ND	93.0	63-131			
7.91		8.00		98.9	70-130			
			Source:	E206031-	01	Prepared: 0	6/08/22 A	nalyzed: 06/09/22
5.25	0.0250	5.00	ND	105	54-133	6.08	20	
4.78	0.0250	5.00	ND	95.7	61-133	6.03	20	
5.07	0.0250	5.00	ND	101	61-130	6.13	20	
4.95	0.0250	5.00	ND	99.0	63-131	5.95	20	
9.85	0.0500	10.0	ND	98.5	63-131	5.97	20	
	0.0500 0.0250	10.0 15.0	ND ND	98.5 98.7	63-131 63-131	5.97 5.97	20 20	
	mg/kg ND ND ND ND ND ND ND 7.67 5.36 4.88 5.17 5.06 10.0 15.1 7.91 4.94 4.50 4.77 4.66 9.28 13.9 7.91 5.25 4.78 5.07	Project Name: Project Number: Project Manager:       Volatile O       Result mg/kg     Reporting Limit mg/kg       ND     0.0250       7.67	Project Name:     M       Project Number:     2       Project Manager:     Ti       Volatile Organics I       Result     Reporting mg/kg     Spike Level mg/kg       ND     0.0250       S.36     0.0250       5.06     0.0250       5.07     5.00       4.88     0.0250       5.06     0.0250       5.07     5.00       4.94     0.0250       4.94     0.0250       4.94     0.0250       5.06     5.00	L     L       Project Name:     March AMT #1       Project Number:     21080-0001       Project Manager:     Travis Casey       Volatile Organics by EPA 802       Result     Spike     Source       mg/kg     mg/kg     mg/kg       ND     0.0250     ng/kg       Side     0.0250     ng/kg       ND     0.0250     ng/kg       ND     0.0250     ng/kg       ND     0.0250     ng/kg       Side     0.0250     ng/kg       Side     0.0250     ng/kg       Side     0.0250     ng/kg       ND     0.0250     ng/kg       Side     0.0250     ng/kg       Side     0.0250     ng/kg       Side     0.0250     ng/kg       Side	Project Name:     March AMT #1 21080-0001       Project Manager:     Travis Casey       Volatile Organics by EPA 8021B       Result mg/kg     Reporting Mg/kg     Spike mg/kg     Source Result     Rec       ND     0.0250     mg/kg     mg/kg     %       ND     0.0250     ND     0.0250       ND     0.0250     ND     0.0250       ND     0.0250     ND     0.0250       ND     0.0250     107       4.88     0.0250     97.6       5.36     0.0250     5.00     107       4.88     0.0250     103       5.06     0.0250     101       10.0     0.0250     101       10.0     5.00     101       10.0     5.00     101       10.0     0.0250     5.00     101       10.0     0.0250     5.00     101       10.0     0.0250     5.00     101       10.0     0.0250     5.00     101       10.0 <td< td=""><td>Project Name:     March AMT #1       Project Number:     21080-0001       Project Manager:     Travis Casey       Volatile Organics by EPA 8021B       Result     Reporting Limit     Spike Level     Source Result     Rec     Limits       MD     0.0250     mg/kg     mg/kg     %     %       ND     0.0250     mg/kg     mg/kg     %     %       ND     0.0250     nD     107     70-130       ND     0.0250     nD     95.8     70-130       ND     0.0250     1017     70-130       ND     0.0250     101     70-130       ND     0.0250     101     70-130       S.36     0.0250     5.00     103     70-130       S.16     0.0250     5.00     101     70-130       S.36     0.0250     5.00     103     70-130       S.36     0.0250     5.00     101     70-130       S.36     0.0250     5.00     100     70-130  &lt;</td><td>Project Name:     March AMT #1 Project Number:     21080-0001 Project Manager:     Result     Resul</td><td>Project Name:     March AMT #1       Project Number:     21080-0001       Project Manager:     Travis Casey       Volatile Organics by EPA 8021B       Result     Reporting Limit     Spike Level     Source Result     Rec     Limit RPD     RPD Limit       mg/kg     mg/kg     mg/kg     %     %     %     %       ND     0.0250     ND     0.0250      Prepared: 06/08/22     A       ND     0.0250     ND     0.0250      Prepared: 06/08/22     A       ND     0.0250     ND     0.0250      Prepared: 06/08/22     A       ND     0.0250     5.00     107     70-130      Prepared: 06/08/22     A       5.36     0.0250     5.00     101     70-130      P       5.36     0.0250     5.00     103     70-130         5.36     0.0250     5.00     101     70-130         7.97     8.00     98.8     70-130</td></td<>	Project Name:     March AMT #1       Project Number:     21080-0001       Project Manager:     Travis Casey       Volatile Organics by EPA 8021B       Result     Reporting Limit     Spike Level     Source Result     Rec     Limits       MD     0.0250     mg/kg     mg/kg     %     %       ND     0.0250     mg/kg     mg/kg     %     %       ND     0.0250     nD     107     70-130       ND     0.0250     nD     95.8     70-130       ND     0.0250     1017     70-130       ND     0.0250     101     70-130       ND     0.0250     101     70-130       S.36     0.0250     5.00     103     70-130       S.16     0.0250     5.00     101     70-130       S.36     0.0250     5.00     103     70-130       S.36     0.0250     5.00     101     70-130       S.36     0.0250     5.00     100     70-130  <	Project Name:     March AMT #1 Project Number:     21080-0001 Project Manager:     Result     Resul	Project Name:     March AMT #1       Project Number:     21080-0001       Project Manager:     Travis Casey       Volatile Organics by EPA 8021B       Result     Reporting Limit     Spike Level     Source Result     Rec     Limit RPD     RPD Limit       mg/kg     mg/kg     mg/kg     %     %     %     %       ND     0.0250     ND     0.0250      Prepared: 06/08/22     A       ND     0.0250     ND     0.0250      Prepared: 06/08/22     A       ND     0.0250     ND     0.0250      Prepared: 06/08/22     A       ND     0.0250     5.00     107     70-130      Prepared: 06/08/22     A       5.36     0.0250     5.00     101     70-130      P       5.36     0.0250     5.00     103     70-130         5.36     0.0250     5.00     101     70-130         7.97     8.00     98.8     70-130



# **QC Summary Data**

		Y V		ary Data	•				
Frontier Field Services 10077 Grogan Mill Rd Ste 300		Project Name: Project Number:	2	March AMT #1 1080-0001					Reported:
The Woodlands TX, 77380		Project Manager:	1	ravis Casey					6/10/2022 2:10:01PM
	Noi	nhalogenated C	rganics	by EPA 801	5D - Gl	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 (2224028-BLK1)							Prepared: 0	6/08/22 <i>I</i>	Analyzed: 06/09/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.43		8.00		92.9	70-130			
LCS (2224028-BS2)							Prepared: 0	6/08/22 A	Analyzed: 06/09/22
Gasoline Range Organics (C6-C10)	52.5	20.0	50.0		105	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.9	70-130			
Matrix Spike (2224028-MS2)				Source: <b>H</b>	206031-	01	Prepared: 0	6/08/22 A	Analyzed: 06/09/22
Gasoline Range Organics (C6-C10)	53.7	20.0	50.0	ND	107	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.37		8.00		92.1	70-130			
Matrix Spike Dup (2224028-MSD2)				Source: I	206031-	01	Prepared: 0	6/08/22 A	Analyzed: 06/09/22
Gasoline Range Organics (C6-C10)	55.0	20.0	50.0	ND	110	70-130	2.49	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.38		8.00		92.3	70-130			



# QC Summary Data

		QC DI	u 111111	ary Data					
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380		Project Name: Project Number: Project Manager:	2	March AMT #1 21080-0001 Travis Casey					<b>Reported:</b> 6/10/2022 2:10:01PM
	Nonh	alogenated Orga		5	- DRO	ORO			Analyst: JL
Analyte		Reporting	Spike	Source		Rec		RPD	Analyst. JL
Thatyte	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2224049-BLK1)							Prepared: 0	6/09/22 A	Analyzed: 06/09/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.5		50.0		103	50-200			
LCS (2224049-BS1)							Prepared: 0	6/09/22 A	Analyzed: 06/09/22
Diesel Range Organics (C10-C28)	503	25.0	500		101	38-132			
Surrogate: n-Nonane	49.6		50.0		99.2	50-200			
Matrix Spike (2224049-MS1)				Source: E	206034-	07	Prepared: 0	6/09/22 A	Analyzed: 06/09/22
Diesel Range Organics (C10-C28)	410	25.0	500	ND	82.1	38-132			
Surrogate: n-Nonane	26.3		50.0		52.6	50-200			
Matrix Spike Dup (2224049-MSD1)				Source: E	206034-	07	Prepared: 0	6/09/22 A	Analyzed: 06/09/22
Diesel Range Organics (C10-C28)	349	25.0	500	ND	69.8	38-132	16.1	20	
Surrogate: n-Nonane	51.0		50.0		102	50-200			



# **QC Summary Data**

		· ·		v					
Frontier Field Services		Project Name:		arch AMT #1					Reported:
10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380		Project Number: Project Manager:		080-0001 avis Casey					6/10/2022 2:10:01PM
110 (100alaliao 111, 77000		, ,		300.0/9056A	4				Analyst: KL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2224033-BLK1)							Prepared: 0	6/08/22 A	nalyzed: 06/09/22
Chloride	ND	20.0							
LCS (2224033-BS1)							Prepared: 0	6/08/22 A	nalyzed: 06/09/22
Chloride	274	20.0	250		110	90-110			
LCS Dup (2224033-BSD1)							Prepared: 0	6/08/22 A	nalyzed: 06/09/22
Chloride	265	20.0	250		106	90-110	3.44	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.



Frontier Field Services	Project Name:	March AMT #1	
10077 Grogan Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Travis Casey	06/10/22 14:10

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.



Referoject Information

Received by OCD: 8/10/2022 11:53:26 AM

Client: Frontier Field Services Bill To							Lab U				Jse Only				TAT					EPA Program	
Project:	March AN	AT # 1			Attention: Frontier Field Serv		Lab WO#					Num			1D	2D	3D	Star	ndard	CWA	SDWA
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		anager: Travis Casey Address: 10077 Gorgan's Mills Rd								21180-0001							?	Х			
Address:			ens Street		City, State, Zip The Woodland	<u>ds, Tx 77380</u>		-			Analy	ysis a	nd Me	ethod	Ł						RCRA
	e, Zip Ca			)	Phone: 575-703-7992			yd (							1	-				1	
hone:		89-5949		- 1	Email: AGroves@durangomids	tream.com		ORC			1.1									State	
	Travis.cas		com	-				RO/	8021	0	0	0.0	0.0		MN			N	M CO	UT AZ	TX
Report d		5 Days						3/08	y 80	826	601	le 30				TX			×	100	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number		TPH GRO/DRO/ORO by 8015	BTEX by 8	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC	BGDOC				Remarks	
10:30	5/31/22	S	1		FS01 @ 2 ft	1		х	х			x							h	Composite	
13:50	5/31/22	S	1		FS02 @ 2 ft	R		x	х			x							- 1	Composite	1
13:55	5/31/22	S	1		FS03 @ 2 ft			x	х			x								Composite	
10:15	6/1/22	S	1		FS04 @ 2 ft	4		x	х			x								Composite	
10:20	6/1/22	S	1		FS05 @ 2 ft			x	х			x							Composite		
13:50	6/1/22	S	1		5		x	х			x			1				Composite			
14:00	6/1/22	S	1		FS07 @ 2 ft	7		x	х			x							1-1	Composite	
14:05	6/1/22	S	1	-	FS08 @ 2 ft	8		x	х			x								Composite	
14:10	6/1/22	S	1		FS09 @ 2 ft	9		x	х			x								Composite	
14:15	6/1/22	S	1		FS10 @ 2ft	10		x	х			x								Composite	
ddition	al Instruct	tions:																			
				icity of this sample. I nay be grounds for le	am aware that tampering with or intentionally m gal action. <u>Sampled by:</u>	islabelling the sample	locatio	on,											ce the day t osequent da	hey are sampl ys.	led or receive
telinquishe	ed by: (Signa	ture)	1 Date	-3-22 Time	Releived by: (Signature)	h 6-3-	22	Time	45	5	Rece	eived	l on id	ce:		ab U: )/ N	se Or	nly			
	d by (Signa	Ma	Date	8-2-27 4	150 Received by: (Signature)	n 10/4/	1	Time	-		т1				T2			T	3		
lelinquishe	by: (Signa	ture)	Date	Time	Received by: (Signature)	Date		Time				Tem	np °C	4	1						
ample Mat	rix: S - Soil, Sd	- Solid, Sg -	Sludge, A - A	queous, <b>O</b> - Other		Container	Type	:g - g	lass.		1000					SS. V	VOA		the second second		
					Inless other arrangements are made. Hazar																



C



## **Envirotech Analytical Laboratory**

	E	ivirotech	Analyuc	al Laboratory		Printed: 6/7/2022 11:35:30AM
structions	: Please take note of any NO checkmarks.	Sample	Receipt Ch	ecklist (SRC)		
	e no response concerning these items within 24 hours of the	late of this not	ice, all the san	nples will be analyzed as requ	iested.	
Client:	Frontier Field Services Da	ate Received:	06/04/22 12:	00	Work Order ID:	E206033
Phone:	(575) 676-3500 Da	ate Logged In:	06/06/22 09:	58	Logged In By:	Caitlin Christian
Email:	travis.casey@wsp.com Du	ie Date:	06/10/22 17:	:00 (4 day TAT)		
Chain of	Custody (COC)					
1. Does t	he sample ID match the COC?		Yes			
2. Does t	he number of samples per sampling site location match	the COC	Yes			
3. Were s	samples dropped off by client or carrier?		Yes	Carrier: UPS		
4. Was th	e COC complete, i.e., signatures, dates/times, requested	analyses?	Yes			
5. Were a	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the	e field,	Yes		Commen	ts/Resolution
Samuela /	i.e, 15 minute hold time, are not included in this disucssion.				commen	1
	<b><u>Turn Around Time (TAT)</u></b> e COC indicate standard TAT, or Expedited TAT?		Yes			
	•		105			
Sample	sample cooler received?		Yes			
	was cooler received in good condition?		Yes			
-	-					
	ne sample(s) received intact, i.e., not broken?		Yes			
	custody/security seals present?		No			
11. If yes	s, were custody/security seals intact?		NA			
12. Was t	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		Yes			
13. If no	visible ice, record the temperature. Actual sample ter	nperature: <u>4°</u>	<u>°C</u>			
Sample	<u>Container</u>					
14. Are a	queous VOC samples present?		No			
15. Are V	VOC samples collected in VOA Vials?		NA			
16. Is the	e 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			
9. Is the	appropriate volume/weight or number of sample containers	collected?	Yes			
Field La	<u>bel</u>					
20. Were	field sample labels filled out with the minimum inform	ation:				
	Sample ID?		Yes			
	Date/Time Collected? Collectors name?		Yes			
			No			
	Preservation_ the COC or field labels indicate the samples were prese	muod?	No			
	sample(s) correctly preserved?	iveu:	NA			
	o filteration required and/or requested for dissolved meta	ls?	No			
			110			
	ase Sample Matrix		NT-			
	s, does the COC specify which phase(s) is to be analyzed		No			
			NA			
	ract Laboratory					
	amples required to get sent to a subcontract laboratory?		No			
29. Was	a subcontract laboratory specified by the client and if so	who?	NA S	ubcontract Lab: na		
Client I	nstruction					

**Client Instruction** 

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



envirotech Inc.




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: March A

March AMT #1

Work Order: E206045

Job Number: 21080-0001

Received: 6/8/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 6/10/22

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: 6/10/22

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

Project Name: March AMT #1 Workorder: E206045 Date Received: 6/8/2022 10:00:00AM

Travis Casey,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/8/2022 10:00:00AM, under the Project Name: March AMT #1.

The analytical test results summarized in this report with the Project Name: March AMT #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



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Chain of Custody etc.

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#### Sample Summary

		Sample Sum	mary		
Frontier Field Services 10077 Grogan Mill Rd Ste 300		Project Name: Project Number:	March AMT #1 21080-0001		Reported:
The Woodlands TX, 77380		Project Manager:	Travis Casey		06/10/22 16:24
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
rs15 @ 4 FT	E206045-01A	Soil	06/03/22	06/08/22	Glass Jar, 4 oz.
S16 @ 3 FT	E206045-02A	Soil	06/03/22	06/08/22	Glass Jar, 4 oz.
S17 @ 3 FT	E206045-03A	Soil	06/03/22	06/08/22	Glass Jar, 4 oz.
S18 @ 2 FT	E206045-04A	Soil	06/03/22	06/08/22	Glass Jar, 4 oz.
S19 @ 2 FT	E206045-05A	Soil	06/03/22	06/08/22	Glass Jar, 4 oz.
S20 @ 2 FT	E206045-06A	Soil	06/03/22	06/08/22	Glass Jar, 4 oz.
S21 @ 1 FT	E206045-07A	Soil	06/03/22	06/08/22	Glass Jar, 4 oz.
S22 @ 1 FT	E206045-08A	Soil	06/03/22	06/08/22	Glass Jar, 4 oz.
S23 @ 1 FT	E206045-09A	Soil	06/03/22	06/08/22	Glass Jar, 4 oz.
S24 @ 1 FT	E206045-10A	Soil	06/03/22	06/08/22	Glass Jar, 4 oz.
S25 @ 1 FT	E206045-11A	Soil	06/03/22	06/08/22	Glass Jar, 4 oz.
S26 @ 1 FT	E206045-12A	Soil	06/03/22	06/08/22	Glass Jar, 4 oz.
S27 @ 1 FT	E206045-13A	Soil	06/03/22	06/08/22	Glass Jar, 4 oz.
S28 @ 1 FT	E206045-14A	Soil	06/03/22	06/08/22	Glass Jar, 4 oz.



	52	imple D	ลเล			
Frontier Field Services	Project Name:	Mar	ch AMT #1			
10077 Grogan Mill Rd Ste 300	Project Numbe	er: 2108	80-0001			Reported:
The Woodlands TX, 77380	Project Manage	er: Trav	vis Casey			6/10/2022 4:24:35PM
	F	S15 @ 4 FT				
	]	E206045-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: IY		Batch: 2224037
Benzene	ND	0.0250	1	06/08/22	06/08/22	
Ethylbenzene	ND	0.0250	1	06/08/22	06/08/22	
Toluene	ND	0.0250	1	06/08/22	06/08/22	
p-Xylene	ND	0.0250	1	06/08/22	06/08/22	
o,m-Xylene	ND	0.0500	1	06/08/22	06/08/22	
Fotal Xylenes	ND	0.0250	1	06/08/22	06/08/22	
Surrogate: 4-Bromochlorobenzene-PID		99.4 %	70-130	06/08/22	06/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: IY		Batch: 2224037
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/22	06/08/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.4 %	70-130	06/08/22	06/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: JL		Batch: 2224047
Diesel Range Organics (C10-C28)	32.9	25.0	1	06/09/22	06/10/22	
Dil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/10/22	
Surrogate: n-Nonane		94.5 %	50-200	06/09/22	06/10/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: KL		Batch: 2224066
Chloride	108	20.0	1	06/10/22	06/10/22	

## **Sample Data**



	5	ampic D	ala			
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380	Project Name Project Numb Project Manaş	er: 210	ch AMT #1 80-0001 vis Casey			<b>Reported:</b> 6/10/2022 4:24:35PM
	F	FS16 @ 3 FT				
		E206045-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2224037
Benzene	ND	0.0250	1	06/08/22	06/08/22	
Ethylbenzene	ND	0.0250	1	06/08/22	06/08/22	
Toluene	ND	0.0250	1	06/08/22	06/08/22	
p-Xylene	ND	0.0250	1	06/08/22	06/08/22	
o,m-Xylene	ND	0.0500	1	06/08/22	06/08/22	
Fotal Xylenes	ND	0.0250	1	06/08/22	06/08/22	
Surrogate: 4-Bromochlorobenzene-PID		99.0 %	70-130	06/08/22	06/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2224037
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/22	06/08/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.9 %	70-130	06/08/22	06/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	g Analyst: JL		Batch: 2224047	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/09/22	06/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/10/22	
Surrogate: n-Nonane		91.9 %	50-200	06/09/22	06/10/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: KL		Batch: 2224066
Chloride	20.7	20.0	1	06/10/22	06/10/22	



	5	ampic D	ala			
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380	Project Name Project Numb Project Mana	er: 210	ch AMT #1 80-0001 vis Casey			<b>Reported:</b> 6/10/2022 4:24:35PM
	1	FS17 @ 3 FT				
		E206045-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2224037
Benzene	ND	0.0250	1	06/08/22	06/08/22	
Ethylbenzene	ND	0.0250	1	06/08/22	06/08/22	
Toluene	ND	0.0250	1	06/08/22	06/08/22	
p-Xylene	ND	0.0250	1	06/08/22	06/08/22	
o,m-Xylene	ND	0.0500	1	06/08/22	06/08/22	
Fotal Xylenes	ND	0.0250	1	06/08/22	06/08/22	
Surrogate: 4-Bromochlorobenzene-PID		99.4 %	70-130	06/08/22	06/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2224037
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/22	06/08/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.1 %	70-130	06/08/22	06/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2224047
Diesel Range Organics (C10-C28)	ND	25.0	1	06/09/22	06/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/10/22	
Surrogate: n-Nonane		103 %	50-200	06/09/22	06/10/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: KL		Batch: 2224066
Chloride	ND	20.0	1	06/10/22	06/10/22	



	56	impic D	aia			
Frontier Field Services	Project Name:	Mar	ch AMT #1			
10077 Grogan Mill Rd Ste 300	Project Numbe	umber: 21080-0001				Reported:
The Woodlands TX, 77380	Project Manag	er: Trav	vis Casey			6/10/2022 4:24:35PM
	F	S18 @ 2 FT				
		E206045-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2224037
Benzene	ND	0.0250	1	06/08/22	06/08/22	
Ethylbenzene	ND	0.0250	1	06/08/22	06/08/22	
Toluene	ND	0.0250	1	06/08/22	06/08/22	
o-Xylene	ND	0.0250	1	06/08/22	06/08/22	
p,m-Xylene	ND	0.0500	1	06/08/22	06/08/22	
Total Xylenes	ND	0.0250	1	06/08/22	06/08/22	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	06/08/22	06/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	kg Analyst: IY		Batch: 2224037	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/22	06/08/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.2 %	70-130	06/08/22	06/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2224047
Diesel Range Organics (C10-C28)	ND	25.0	1	06/09/22	06/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/10/22	
Surrogate: n-Nonane		119 %	50-200	06/09/22	06/10/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: KL		Batch: 2224066
Chloride	74.9	20.0	1	06/10/22	06/10/22	



## Sample Data

	50	ampie D	ala			
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380	Project Name: Project Numbe Project Manag	er: 2108	ch AMT #1 80-0001 vis Casey			<b>Reported:</b> 6/10/2022 4:24:35PM
	F					
		E206045-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: IY		Batch: 2224037
Benzene	ND	0.0250	1	06/08/22	06/08/22	
thylbenzene	ND	0.0250	1	06/08/22	06/08/22	
oluene	ND	0.0250	1	06/08/22	06/08/22	
-Xylene	ND	0.0250	1	06/08/22	06/08/22	
,m-Xylene	ND	0.0500	1	06/08/22	06/08/22	
Total Xylenes	ND	0.0250	1	06/08/22	06/08/22	
urrogate: 4-Bromochlorobenzene-PID		98.0 %	70-130	06/08/22	06/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	g Analyst: IY			Batch: 2224037
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/22	06/08/22	
urrogate: 1-Chloro-4-fluorobenzene-FID		90.6 %	70-130	06/08/22	06/08/22	
onhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: JL		Batch: 2224047
Diesel Range Organics (C10-C28)	ND	25.0	1	06/09/22	06/10/22	
Dil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/10/22	
urrogate: n-Nonane		93.9 %	50-200	06/09/22	06/10/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: KL		Batch: 2224066
Chloride	24.9	20.0	1	06/10/22	06/10/22	



## **Sample Data**

	50	ample D	ala			
Frontier Field Services	Project Name:	Mar	ch AMT #1			
10077 Grogan Mill Rd Ste 300	Project Numbe	er: 210	30-0001			Reported:
The Woodlands TX, 77380	Project Manag	er: Trav	vis Casey			6/10/2022 4:24:35PM
	F	S20 @ 2 FT				
	-	E206045-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: IY		Batch: 2224037
Benzene	ND	0.0250	1	06/08/22	06/08/22	
Ethylbenzene	ND	0.0250	1	06/08/22	06/08/22	
Toluene	ND	0.0250	1	06/08/22	06/08/22	
p-Xylene	ND	0.0250	1	06/08/22	06/08/22	
p,m-Xylene	ND	0.0500	1	06/08/22	06/08/22	
Total Xylenes	ND	0.0250	1	06/08/22	06/08/22	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	06/08/22	06/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2224037	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/22	06/08/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.7 %	70-130	06/08/22	06/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: JL		Batch: 2224047
Diesel Range Organics (C10-C28)	62.1	25.0	1	06/09/22	06/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/10/22	
Surrogate: n-Nonane		98.9 %	50-200	06/09/22	06/10/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: KL		Batch: 2224066
Chloride	138	20.0	1	06/10/22	06/10/22	



	25	imple D	ala			
Frontier Field Services	Project Name:		ch AMT #1			
10077 Grogan Mill Rd Ste 300	Project Numbe		30-0001			Reported:
The Woodlands TX, 77380	Project Manag	er: Trav	is Casey			6/10/2022 4:24:35PM
	F	S21 @ 1 FT				
	]	E206045-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analys	t: IY		Batch: 2224037
Benzene	ND	0.0250	1	06/08/22	06/08/22	
thylbenzene	ND	0.0250	1	06/08/22	06/08/22	
oluene	ND	0.0250	1	06/08/22	06/08/22	
-Xylene	ND	0.0250	1	06/08/22	06/08/22	
,m-Xylene	ND	0.0500	1	06/08/22	06/08/22	
Total Xylenes	ND	0.0250	1	06/08/22	06/08/22	
urrogate: 4-Bromochlorobenzene-PID		98.8 %	70-130	06/08/22	06/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	g Analyst: IY			Batch: 2224037
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/22	06/08/22	
urrogate: 1-Chloro-4-fluorobenzene-FID		90.3 %	70-130	06/08/22	06/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	ıt: JL		Batch: 2224047
Diesel Range Organics (C10-C28)	ND	25.0	1	06/09/22	06/10/22	
Dil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/10/22	
urrogate: n-Nonane		74.3 %	50-200	06/09/22	06/10/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: KL		Batch: 2224066
Chloride	ND	20.0	1	06/10/22	06/10/22	



	36	imple D	ลเล			
Frontier Field Services	Project Name:		ch AMT #1			
10077 Grogan Mill Rd Ste 300	Project Numbe		30-0001			Reported:
The Woodlands TX, 77380	Project Manag	er: Trav	vis Casey			6/10/2022 4:24:35PM
	F	S22 @ 1 FT				
		E206045-08				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analy	st: IY		Batch: 2224037
Benzene	ND	0.0250	1	06/08/22	06/08/22	
thylbenzene	ND	0.0250	1	06/08/22	06/08/22	
oluene	ND	0.0250	1	06/08/22	06/08/22	
-Xylene	ND	0.0250	1	06/08/22	06/08/22	
,m-Xylene	ND	0.0500	1	06/08/22	06/08/22	
Total Xylenes	ND	0.0250	1	06/08/22	06/08/22	
urrogate: 4-Bromochlorobenzene-PID		90.2 %	70-130	06/08/22	06/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	g Analyst: IY			Batch: 2224037
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/22	06/08/22	
urrogate: 1-Chloro-4-fluorobenzene-FID		86.0 %	70-130	06/08/22	06/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2224047
Diesel Range Organics (C10-C28)	ND	25.0	1	06/09/22	06/10/22	
Dil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/10/22	
urrogate: n-Nonane		93.6 %	50-200	06/09/22	06/10/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2224066
Chloride	ND	20.0	1	06/10/22	06/10/22	



	50	ample D	ala			
Frontier Field Services	Project Name:		ch AMT #1			
10077 Grogan Mill Rd Ste 300	Project Numbe	er: 2108	30-0001			Reported:
The Woodlands TX, 77380	Project Manag	er: Trav	is Casey			6/10/2022 4:24:35PM
	F	S23 @ 1 FT				
		E206045-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: IY		Batch: 2224037
Benzene	ND	0.0250	1	06/08/22	06/08/22	
Ethylbenzene	ND	0.0250	1	06/08/22	06/08/22	
Toluene	ND	0.0250	1	06/08/22	06/08/22	
o-Xylene	ND	0.0250	1	06/08/22	06/08/22	
o,m-Xylene	ND	0.0500	1	06/08/22	06/08/22	
Total Xylenes	ND	0.0250	1	06/08/22	06/08/22	
Surrogate: 4-Bromochlorobenzene-PID		90.1 %	70-130	06/08/22	06/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	g Analyst: IY			Batch: 2224037
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/22	06/08/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.2 %	70-130	06/08/22	06/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: JL		Batch: 2224047
Diesel Range Organics (C10-C28)	43.9	25.0	1	06/09/22	06/10/22	
Dil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/10/22	
Surrogate: n-Nonane		94.3 %	50-200	06/09/22	06/10/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: KL		Batch: 2224066
Chloride	ND	20.0	1	06/10/22	06/10/22	



	5	ampic D	ata			
Frontier Field Services	Project Name:	Mar	ch AMT #1			
10077 Grogan Mill Rd Ste 300	Project Numbe	er: 2108	21080-0001			Reported:
The Woodlands TX, 77380	Project Manag	ger: Trav	vis Casey			6/10/2022 4:24:35PM
	F	S24 @ 1 FT				
		E206045-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: IY		Batch: 2224037
Benzene	ND	0.0250	1	06/08/22	06/08/22	
Ethylbenzene	ND	0.0250	1	06/08/22	06/08/22	
Toluene	ND	0.0250	1	06/08/22	06/08/22	
o-Xylene	ND	0.0250	1	06/08/22	06/08/22	
p,m-Xylene	ND	0.0500	1	06/08/22	06/08/22	
Total Xylenes	ND	0.0250	1	06/08/22	06/08/22	
Surrogate: 4-Bromochlorobenzene-PID		90.0 %	70-130	06/08/22	06/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	kg Analyst: IY		Batch: 2224037	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/22	06/08/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.2 %	70-130	06/08/22	06/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: JL		Batch: 2224047
Diesel Range Organics (C10-C28)	ND	25.0	1	06/09/22	06/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/10/22	
Surrogate: n-Nonane		96.0 %	50-200	06/09/22	06/10/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: KL		Batch: 2224066
Chloride	ND	20.0	1	06/10/22	06/10/22	



	Si	ample D	ala			
Frontier Field Services	Project Name:	Mar	ch AMT #1			
10077 Grogan Mill Rd Ste 300	Project Numbe	er: 2108	80-0001			Reported:
The Woodlands TX, 77380	Project Manag	ger: Trav	vis Casey			6/10/2022 4:24:35PM
	F	S25 @ 1 FT				
		E206045-11				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2224037
Benzene	ND	0.0250	1	06/08/22	06/08/22	
Ethylbenzene	ND	0.0250	1	06/08/22	06/08/22	
Toluene	ND	0.0250	1	06/08/22	06/08/22	
p-Xylene	ND	0.0250	1	06/08/22	06/08/22	
p,m-Xylene	ND	0.0500	1	06/08/22	06/08/22	
Total Xylenes	ND	0.0250	1	06/08/22	06/08/22	
Surrogate: 4-Bromochlorobenzene-PID		90.3 %	70-130	06/08/22	06/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2224037
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/22	06/08/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.2 %	70-130	06/08/22	06/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2224047
Diesel Range Organics (C10-C28)	ND	25.0	1	06/09/22	06/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/10/22	
Surrogate: n-Nonane		96.9 %	50-200	06/09/22	06/10/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2224066
Chloride	ND	20.0	1	06/10/22	06/10/22	



	Di	ample D	ala			
Frontier Field Services	Project Name:	Mar	ch AMT #1			
10077 Grogan Mill Rd Ste 300	Project Numbe	er: 2108	80-0001			Reported:
The Woodlands TX, 77380	Project Manag	ger: Trav	vis Casey			6/10/2022 4:24:35PM
	F	S26 @ 1 FT				
		E206045-12				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2224037
Benzene	ND	0.0250	1	06/08/22	06/08/22	
Ethylbenzene	ND	0.0250	1	06/08/22	06/08/22	
Foluene	ND	0.0250	1	06/08/22	06/08/22	
p-Xylene	ND	0.0250	1	06/08/22	06/08/22	
o,m-Xylene	ND	0.0500	1	06/08/22	06/08/22	
Fotal Xylenes	ND	0.0250	1	06/08/22	06/08/22	
Surrogate: 4-Bromochlorobenzene-PID		89.7 %	70-130	06/08/22	06/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2224037
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/22	06/08/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.7 %	70-130	06/08/22	06/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2224047
Diesel Range Organics (C10-C28)	ND	25.0	1	06/09/22	06/10/22	
Dil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/10/22	
Surrogate: n-Nonane		78.2 %	50-200	06/09/22	06/10/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2224066
Chloride	ND	20.0	1	06/10/22	06/10/22	



	5	ample D	ala			
Frontier Field Services	Project Name:		ch AMT #1			
10077 Grogan Mill Rd Ste 300	Project Numb		80-0001		Reported:	
The Woodlands TX, 77380	Project Manag	ger: Trav	vis Casey	6/10/2022 4:24:35PM		
	F	FS27 @ 1 FT				
		E206045-13				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2224037
Benzene	ND	0.0250	1	06/08/22	06/08/22	
Ethylbenzene	ND	0.0250	1	06/08/22	06/08/22	
Toluene	ND	0.0250	1	06/08/22	06/08/22	
o-Xylene	ND	0.0250	1	06/08/22	06/08/22	
o,m-Xylene	ND	0.0500	1	06/08/22	06/08/22	
Fotal Xylenes	ND	0.0250	1	06/08/22	06/08/22	
Surrogate: 4-Bromochlorobenzene-PID		90.0 %	70-130	06/08/22	06/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2224037
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/22	06/08/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.3 %	70-130	06/08/22	06/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2224047
Diesel Range Organics (C10-C28)	ND	25.0	1	06/09/22	06/10/22	
Dil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/10/22	
Surrogate: n-Nonane		102 %	50-200	06/09/22	06/10/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2224066
Chloride	24.8	20.0	1	06/10/22	06/10/22	



		ampic D				
Frontier Field Services 10077 Grogan Mill Rd Ste 300	Project Name: Project Number		ch AMT #1 30-0001			Reported:
The Woodlands TX, 77380	Project Manag		ris Casey	6/10/2022 4:24:35PM		
	F	<b>FS28</b> @ 1 FT				
		E206045-14				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2224037
Benzene	ND	0.0250	1	06/08/22	06/08/22	
Ethylbenzene	ND	0.0250	1	06/08/22	06/08/22	
Toluene	ND	0.0250	1	06/08/22	06/08/22	
p-Xylene	ND	0.0250	1	06/08/22	06/08/22	
p,m-Xylene	ND	0.0500	1	06/08/22	06/08/22	
Total Xylenes	ND	0.0250	1	06/08/22	06/08/22	
Surrogate: 4-Bromochlorobenzene-PID		91.4 %	70-130	06/08/22	06/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2224037
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/22	06/08/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.4 %	70-130	06/08/22	06/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2224047
Diesel Range Organics (C10-C28)	36.5	25.0	1	06/09/22	06/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/10/22	
Surrogate: n-Nonane		106 %	50-200	06/09/22	06/10/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: KL		Batch: 2224066
Chloride	33.0	20.0	1	06/10/22	06/10/22	

## **QC Summary Data**

		$\mathbf{x} \in \mathbf{v}$		ary Data					
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380		Project Name: Project Number: Project Manager:	2	March AMT #1 1080-0001 Travis Casey					<b>Reported:</b> 6/10/2022 4:24:35PM
		Volatile O	rganics	by EPA 8021	B				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 (2224037-BLK1)							Proporad: 0	6/08/22 /	Analyzed: 06/08/22
· · · · ·							Trepared. 0	0/08/22 F	anaryzeu. 00/08/22
Benzene	ND ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene o-Xylene	ND	0.0250 0.0250							
o-Xylene p,m-Xylene	ND	0.0250							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.89	0.0200	8.00		86.1	70-130			
LCS (2224037-BS1)							Prepared: 0	6/08/22 A	Analyzed: 06/08/22
Benzene	5.29	0.0250	5.00		106	70-130			
Ethylbenzene	5.24	0.0250	5.00		105	70-130			
Toluene	5.58	0.0250	5.00		112	70-130			
o-Xylene	5.13	0.0250	5.00		103	70-130			
p,m-Xylene	10.6	0.0500	10.0		106	70-130			
Total Xylenes	15.7	0.0250	15.0		105	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.03		8.00		87.9	70-130			
LCS Dup (2224037-BSD1)							Prepared: 0	6/08/22 A	Analyzed: 06/08/22
Benzene	5.64	0.0250	5.00		113	70-130	6.30	20	
Ethylbenzene	5.61	0.0250	5.00		112	70-130	6.89	20	
Toluene	5.97	0.0250	5.00		119	70-130	6.62	20	
p-Xylene	5.50	0.0250	5.00		110	70-130	6.91	20	
p,m-Xylene	11.4	0.0500	10.0		114	70-130	6.94	20	
Total Xylenes	16.9	0.0250	15.0		113	70-130	6.93	20	
Surrogate: 4-Bromochlorobenzene-PID	7.10		8.00		88.8	70-130			



## **OC Summary Data**

		<b>V</b> U	umm	ary Data	L				
Frontier Field Services 10077 Grogan Mill Rd Ste 300		Project Name: Project Number:	: 2	March AMT #1 21080-0001					Reported:
The Woodlands TX, 77380		Project Manager	: 1	Fravis Casey					6/10/2022 4:24:35PM
	No	onhalogenated	Organics	s 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 (2224037-BLK1)							Prepared: 0	6/08/22	Analyzed: 06/08/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.97		8.00		87.1	70-130			
LCS (2224037-BS2)							Prepared: 0	6/08/22	Analyzed: 06/08/22
Gasoline Range Organics (C6-C10)	44.0	20.0	50.0		88.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.94		8.00		86.7	70-130			
LCS Dup (2224037-BSD2)							Prepared: 0	6/08/22	Analyzed: 06/08/22
Gasoline Range Organics (C6-C10)	46.6	20.0	50.0		93.2	70-130	5.75	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.08		8.00		88.5	70-130			



## QC Summary Data

		QC D	u	aly Data					
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380		Project Name: Project Number: Project Manager:	2	1arch AMT #1 1080-0001 Travis Casey					<b>Reported:</b> 6/10/2022 4:24:35PM
	Nonha	alogenated Org	anics by	EPA 8015D	- DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	NI /
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2224047-BLK1)							Prepared: 0	6/09/22 A	analyzed: 06/10/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.0		50.0		99.9	50-200			
LCS (2224047-BS1)							Prepared: 0	6/09/22 A	analyzed: 06/10/22
Diesel Range Organics (C10-C28)	488	25.0	500		97.6	38-132			
Surrogate: n-Nonane	47.9		50.0		95.8	50-200			
Matrix Spike (2224047-MS1)				Source: <b>H</b>	206045-0	01	Prepared: 0	6/09/22 A	analyzed: 06/10/22
Diesel Range Organics (C10-C28)	564	25.0	500	32.9	106	38-132			
Surrogate: n-Nonane	42.0		50.0		84.0	50-200			
Matrix Spike Dup (2224047-MSD1)				Source: <b>H</b>	206045-0	01	Prepared: 0	6/09/22 A	analyzed: 06/10/22
Diesel Range Organics (C10-C28)	521	25.0	500	32.9	97.6	38-132	7.98	20	
Surrogate: n-Nonane	37.0		50.0		74.0	50-200			



## **QC Summary Data**

		L L		J					
Frontier Field Services 10077 Grogan Mill Rd Ste 300		Project Name: Project Number:		larch AMT #1 1080-0001					Reported:
The Woodlands TX, 77380		Project Manager:		ravis Casey					6/10/2022 4:24:35PM
		Anions	by EPA 3	<b>300.0/9056</b> A	4				Analyst: KL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2224066-BLK1)							Prepared: 0	6/10/22	Analyzed: 06/10/22
Chloride	ND	20.0							
LCS (2224066-BS1)							Prepared: 0	6/10/22	Analyzed: 06/10/22
Chloride	244	20.0	250		97.6	90-110			
LCS Dup (2224066-BSD1)							Prepared: 0	6/10/22	Analyzed: 06/10/22
Chloride	244	20.0	250		97.5	90-110	0.0857	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.



Frontier Field Services	Project Name:	March AMT #1	
10077 Grogan Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Travis Casey	06/10/22 16:24

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

Recaived by OCD: 8/10/2022 11:53:26 AM

	rontier Fie		es				ΙΤο						lse Only				TAT				+	rogram
	March AN						ield Services		Lab Ea	NO#		<   <sup>1</sup>		Numb		1D	2D	3D	Sta	ndard	CWA	SDWA
	lanager:				1 1-	ddress: 10077 Gorga			ļĽα	06	0-1	<u>, c</u>	<u> </u>	80-				X			╂────	DCDA
ddress:	<u> </u>	est Steve				ity, State, Zip The W hone: 575-703-79		//380	⊢ –	<u>&gt;</u> T	T		Analy	sis and	Ivieth				_			RCRA
hone:		589-5949		<u> </u>						ġ									ŀ		State	L
	Fravis.cas			_	드	mail: AGroves@dura	ngomiostream	.com	TPH GRO/DRO/ORO by	Š									ŀ		UT AZ	TXI
	ue by: 5			_					ğ	21	260	10	300.0		Σ	Ă		ŀ				
Time	Date		No. of					Lab	1	8	à	VOC by 8260	als 6(	ē		l у			ŀ	<u>×</u>	<u> </u>	<u></u>
Sampled	Sampled	Matrix	Containers	Sample ID	. <u></u>			Number		E 213	BTEX by 8021	Š	Metals 6010	Chloride		BGDOC	BGDOC				Remarks	
9:50	6/3/22	S	1			FS15 @ 4 FT		1								X					Composite	
10:00	6/3/22	S	1			FS16 @ 3 FT		R								X					Composite	
10:05	6/3/22	S	1			FS17 @ 3 FT		3								x					Composite	
10:10	6/3/22	S	1			FS18 @ 2 FT		4								x					Composite	
10:20	6/3/22	S	1			FS19 @ 2 FT		5								x					Composite	
10:30	6/3/22	S	1	-		FS20 @ 2 FT		6								x					Composite	
10:40	6/3/22	S	1			FS21 @ 1 FT	<del></del>	7								x					Composite	
10:50	6/3/22	S	1			FS22 @ 1 FT	- <u></u>	8								x					Composite	
13:05	6/3/22	S	1			FS23 @ 1 FT		9								X					Composite	
13:15	6/3/22	S	1			FS24 @ 1 FT		10								x					Composite	
dditiona	al Instruct	tions:							<u> </u>	<b>!</b> .=				I				LL				
				icity of this sample may be grounds for		e that tampering with or inten- n. <u>Sampled by</u>		ng the sample	e locatio	in,										n ice the day subsequent o	r they are samp lays.	led or received
linguishe	d by: (Signa	iture) LV	Date		1:55		litin	Date 0-7-	- A	Time	)'(	5	Rece	eived o	n ice:		ab U:	se Onl	у			
inguishe	d by: (Sight	Med	Date	-7-22-		Received by: (Signatur	mito	Date 18/2	22	<sup>Time</sup>	α	2	<u></u>			<u>T2</u>			_	<u>T3</u>		
linquishe	d by: (Signa	ture)	Date	Tim	ne	Received by: (Signatur	εſ	Date	ľ	Time			AVG	Temp	°C	4						
				queous, O - Other				Containe	r Type	: <b>g</b> - gl	ass, j	<b>p -</b> po	ly/pl	astic, a	g - am	ber gla	ss, v	VOA				
to: Come						ther arrangements are ma vith this COC. The liability									the cl	ent exp	ense.	The re	port	for the an	alysis of the	above

Reproject Information

gived by OCD: 8/10/2022 11:53:26 AM

ent: Fr	ontier Fie	eld Servic	es			T	Bill To		1		La	b Use	e On	ly				TA	T		EPA P	rogram
	March AN					Attention: From			Lab	WO#			Job I	Numb					Standard CWA SD		SDWA	
	anager:						organ's Mills Rd S		Eá	wo# 206	049	5 6			<u>1001</u>			X				
Idress:		est Steve		_			he Woodlands, Tx	77380				A	Analy	sis and	Meth	od	<b></b>	<del></del>			•	RCRA
	e, Zip Ca		IM 88220	<u>)                                    </u>		Phone: 575-70				م م											State	
one: nail: T	ravis.case	89-5949		-		Email: AGroves@	durangomidstrear	n.com	-	ю́									·			
	e by: 5		com	-			· · · · ·			/ORC	021	260	8	300.0		Σ	Ě		⊢ F	×		
Time	Date		No. of					Lab	1	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride		В	l y		F	<u> </u>	<u> </u>	
mpled	Sampled	Matrix	Containers	Sample ID				Number		10H 8015	BTE)	Š	Met	ਉ		BGDOC	BGDOC				Remarks	
3:25	6/3/22	S	1			FS25 @ 1 FT		11-								X					Composite	
.3:35	6/3/22	S	1			FS26 @ 1 FT		12								X					Composite	
.3:45	6/3/22	S	1			FS27 @ 1 FT		13								X					Composite	
.4:00	6/3/22	S	1			FS28 @ 1 FT		14								X					Composite	
																				<u>-</u> ,		
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ditiona	al Instruc	tions:	<u> </u>							LI												
•		•		ticity of this sam may be grounds	•	aware that tampering with ction.	or intentionally mislabell led by:	ling the samp!	e locati	on,										i ice the day ubsequent d		ed or received
100	d by: (Signa	<u>ur</u>	Date V	722	Time しい:5		es ////	Date Date	72,	Time Time	/01	5	Fece	ived o	on ice:		ab U:	se On	ly			4 . <sup>1</sup>
lon	d by: (Signa d by: (Signa	MA	Date	r7ah	Time 5.4	P Received by: (Sig Received by: (Sig	Untu	Date	22		a	2	<u>T1</u>			<u>T2</u>			1	<b>ГЗ</b>		
<u> </u>													_	Temp		<u> </u>			÷			
				Aqueous, O - Oti		ss other arrangements a	are made. Hazardous	Containe samples will											eport fr	or the ana	lysis of the	above
							ability of the laborator									··· •·· p					,	



### **Envirotech Analytical Laboratory**

		nvnoteen	Analytic	ai Laboi atoi y		Printed: 0/8/2022 12:48:00PM
nstructions	: Please take note of any NO checkmarks.	Sample	Receipt Ch	ecklist (SRC)		
	no response concerning these items within 24 hours of the	date of this not	ice, all the sar	nples will be analyzed as req	uested.	
Client:	Frontier Field Services D	ate Received:	06/08/22 10	:00	Work Order ID:	E206045
Phone:	(575) 676-3500 D	ate Logged In:	06/08/22 08	:50	Logged In By:	Caitlin Christian
Email:	travis.casey@wsp.com D	ue Date:	06/10/22 17	:00 (2 day TAT)		
Chain of	Custody (COC)					
1. Does t	he sample ID match the COC?		Yes			
2. Does t	he number of samples per sampling site location match	the COC	Yes			
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: UPS		
4. Was th	e COC complete, i.e., signatures, dates/times, requested	d analyses?	Yes			
5. Were a	Il 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
<u>Sample '</u>	<u>Furn Around Time (TAT)</u>					
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample (	<u>Cooler</u>					
7. Was a	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was th	e sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
11. If yes	s, were custody/security seals intact?		NA			
	ne 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>					
	queous VOC samples present?		No			
	/OC samples collected in VOA Vials?		NA			
	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 . 10	Yes			
	appropriate volume/weight or number of sample container	s collected?	Yes			
	bel field sample labels filled out with the minimum inform ample ID?	nation:	Yes			
	Date/Time Collected?		Yes			
C	Collectors name?		No			
Sample ]	Preservation					
21. Does	the COC or field labels indicate the samples were pres-	erved?	No			
	ample(s) correctly preserved?		NA			
24. Is lab	filteration required and/or requested for dissolved met	als?	No			
	ase Sample Matrix					
	the sample have more than one phase, i.e., multiphase?		No			
27. If yes	s, does the COC specify which phase(s) is to be analyze	ed?	NA			
<u>Subcont</u>	ract Laboratory					
28. Are s	amples required to get sent to a subcontract laboratory	?	No			
29. Was	a subcontract laboratory specified by the client and if so	o who?	NA S	ubcontract Lab: na		
<u>Cli</u> ent I	nstruction					

**Client Instruction** 

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



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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: March

March AMT #1

Work Order: E206064

Job Number: 21080-0001

Received: 6/10/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 6/16/22

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: 6/16/22

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

Project Name: March AMT #1 Workorder: E206064 Date Received: 6/10/2022 4:30:00PM

Travis Casey,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/10/2022 4:30:00PM, under the Project Name: March AMT #1.

The analytical test results summarized in this report with the Project Name: March AMT #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



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#### Sample Summary

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		Sample Sum	mai y		
Frontier Field Services		Project Name:	March AMT #1		Reported:
10077 Grogan Mill Rd Ste 300		Project Number:	21080-0001		Reporteu.
The Woodlands TX, 77380		Project Manager:	Travis Casey		06/16/22 11:07
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS29 @ 1 ft	E206064-01A	Soil	06/08/22	06/10/22	Glass Jar, 4 oz.
S30 @ 1 ft	E206064-02A	Soil	06/08/22	06/10/22	Glass Jar, 4 oz.
S31 @ 3 ft	E206064-03A	Soil	06/08/22	06/10/22	Glass Jar, 4 oz.
S32 @ 4 ft	E206064-04A	Soil	06/08/22	06/10/22	Glass Jar, 4 oz.
W11 @ 0 - 2 ft	E206064-05A	Soil	06/08/22	06/10/22	Glass Jar, 4 oz.
W12 @ 0 - 2 ft	E206064-06A	Soil	06/08/22	06/10/22	Glass Jar, 4 oz.
W14 @ 0 - 5.5 ft	E206064-07A	Soil	06/08/22	06/10/22	Glass Jar, 4 oz.
W15 @ 0 - 5.5 ft	E206064-08A	Soil	06/08/22	06/10/22	Glass Jar, 4 oz.



		imple D				
Frontier Field Services	Project Name:	Mar	ch AMT #1			
10077 Grogan Mill Rd Ste 300	Project Numbe	er: 210	30-0001			Reported:
The Woodlands TX, 77380	Project Manag	er: Trav	is Casey			6/16/2022 11:07:31AN
	I	FS29 @ 1 ft				
		E206064-01				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: RKS		Batch: 2225004
Benzene	ND	0.0250	1	06/13/22	06/14/22	
Ethylbenzene	ND	0.0250	1	06/13/22	06/14/22	
Toluene	ND	0.0250	1	06/13/22	06/14/22	
-Xylene	ND	0.0250	1	06/13/22	06/14/22	
,m-Xylene	ND	0.0500	1	06/13/22	06/14/22	
Total Xylenes	ND	0.0250	1	06/13/22	06/14/22	
urrogate: 4-Bromochlorobenzene-PID		95.9 %	70-130	06/13/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	Analyst: RKS		Batch: 2225004
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/22	06/14/22	
urrogate: 1-Chloro-4-fluorobenzene-FID		89.3 %	70-130	06/13/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: AK		Batch: 2225008
Diesel Range Organics (C10-C28)	66.5	25.0	1	06/14/22	06/14/22	
Dil Range Organics (C28-C36)	ND	50.0	1	06/14/22	06/14/22	
urrogate: n-Nonane		98.5 %	50-200	06/14/22	06/14/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: RAS		Batch: 2225006
Chloride	39.9	20.0	1	06/13/22	06/14/22	

## Sample Data

## Sample Data

	5	ample D	ala			
Frontier Field Services	Project Name	: Mar	ch AMT #1			
10077 Grogan Mill Rd Ste 300	Project Numb	er: 2108	30-0001			Reported:
The Woodlands TX, 77380	Project Manag	ger: Trav	ris Casey			6/16/2022 11:07:31AM
	-	FS30 @ 1 ft				
		E206064-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2225004
Benzene	ND	0.0250	1	06/13/22	06/14/22	
Ethylbenzene	ND	0.0250	1	06/13/22	06/14/22	
Toluene	ND	0.0250	1	06/13/22	06/14/22	
o-Xylene	ND	0.0250	1	06/13/22	06/14/22	
o,m-Xylene	ND	0.0500	1	06/13/22	06/14/22	
Fotal Xylenes	ND	0.0250	1	06/13/22	06/14/22	
Surrogate: 4-Bromochlorobenzene-PID		92.7 %	70-130	06/13/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2225004	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/22	06/14/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.9 %	70-130	06/13/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: AK		Batch: 2225008
Diesel Range Organics (C10-C28)	ND	25.0	1	06/14/22	06/14/22	
Dil Range Organics (C28-C36)	ND	50.0	1	06/14/22	06/14/22	
Surrogate: n-Nonane		96.9 %	50-200	06/14/22	06/14/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2225006
Chloride	ND	20.0	1	06/13/22	06/14/22	



## Sample Data

	5	ample D	ala				
Frontier Field Services 10077 Grogan Mill Rd Ste 300	Project Name: Project Numbe		ch AMT #1 80-0001				Reported:
The Woodlands TX, 77380	Project Manag	ger: Trav	vis Casey				6/16/2022 11:07:31AM
	]	FS31 @ 3 ft					
		E206064-03					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	-	Analyst:	RKS		Batch: 2225004
Benzene	ND	0.0250	1	l	06/13/22	06/14/22	
Ethylbenzene	ND	0.0250	1	l	06/13/22	06/14/22	
oluene	ND	0.0250	1	l	06/13/22	06/14/22	
-Xylene	ND	0.0250	1	l	06/13/22	06/14/22	
,m-Xylene	ND	0.0500	1	l	06/13/22	06/14/22	
Total Xylenes	ND	0.0250	1	l	06/13/22	06/14/22	
urrogate: 4-Bromochlorobenzene-PID		100 %	70-130		06/13/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	kg Analyst: RKS		Batch: 2225004		
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	06/13/22	06/14/22	
urrogate: 1-Chloro-4-fluorobenzene-FID		88.6 %	70-130		06/13/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	AK		Batch: 2225008
Diesel Range Organics (C10-C28)	765	25.0	1	l	06/14/22	06/14/22	
Dil Range Organics (C28-C36)	300	50.0	1	l	06/14/22	06/14/22	
'urrogate: n-Nonane		102 %	50-200		06/14/22	06/14/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2225006
Chloride	250	20.0	1		06/13/22	06/14/22	



	D	ampic D	ala			
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380	Project Name: Project Numb Project Manag	er: 210	ch AMT #1 80-0001 vis Casey			<b>Reported:</b> 6/16/2022 11:07:31AM
	]	FS32 @ 4 ft				
		E206064-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	: RKS		Batch: 2225004
Benzene	ND	0.0250	1	06/13/22	06/14/22	
Ethylbenzene	ND	0.0250	1	06/13/22	06/14/22	
Toluene	ND	0.0250	1	06/13/22	06/14/22	
p-Xylene	ND	0.0250	1	06/13/22	06/14/22	
p,m-Xylene	ND	0.0500	1	06/13/22	06/14/22	
Total Xylenes	ND	0.0250	1	06/13/22	06/14/22	
Surrogate: 4-Bromochlorobenzene-PID		97.1 %	70-130	06/13/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2225004	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/22	06/14/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.5 %	70-130	06/13/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst	Batch: 2225008		
Diesel Range Organics (C10-C28)	ND	25.0	1	06/14/22	06/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/14/22	06/14/22	
Surrogate: n-Nonane		102 %	50-200	06/14/22	06/14/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	: RAS		Batch: 2225006
Chloride	213	200	10	06/13/22	06/14/22	



	ampie D				
Project Numbe	er: 2108	30-0001			<b>Reported:</b> 6/16/2022 11:07:31AM
SV	V11 @ 0 - 2 f	ť			
	E206064-05				
	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analys	st: RKS		Batch: 2225004
ND	0.0250	1	06/13/22	06/14/22	
ND	0.0250	1	06/13/22	06/14/22	
ND	0.0250	1	06/13/22	06/14/22	
ND	0.0250	1	06/13/22	06/14/22	
ND	0.0500	1	06/13/22	06/14/22	
ND	0.0250	1	06/13/22	06/14/22	
	95.7 %	70-130	06/13/22	06/14/22	
mg/kg	mg/kg	g Analyst: RKS			Batch: 2225004
ND	20.0	1	06/13/22	06/14/22	
	89.3 %	70-130	06/13/22	06/14/22	
mg/kg	mg/kg	Analys	Batch: 2225008		
ND	25.0	1	06/14/22	06/14/22	
ND	50.0	1	06/14/22	06/14/22	
	102 %	50-200	06/14/22	06/14/22	
mg/kg	mg/kg	Analys	st: RAS		Batch: 2225006
ND	20.0	1	06/13/22	06/14/22	
	Project Numb Project Manag SV Result mg/kg ND ND ND ND ND ND ND ND ND ND ND ND ND	Project Number:   2108     Project Manager:   Trav     SW11 @ 0 - 2 1   E206064-05     E206064-05   E206064-05     Result   Limit     mg/kg   mg/kg     MD   0.0250     ND   20.0     89.3 %   10     MD   25.0     ND   50.0     ND   50.0     ND   50.0     ND   50.	Project Number:   21080-0001     Project Manager:   Travis Casey     SW11 @ 0 - 2 ft   I     E206064-05   Jiution     Result   Limit   Dilution     Result   Mg/kg   Mg/kg   Analys     Mg/kg   Mg/kg   Analys     MD   0.0250   1     ND   20.0   1     Mg/kg   Mg/kg   Analys     ND   20.0   1     Mg/kg   Mg/kg   1     MD   25.0   1     ND   50.0   1     ND   50.20   1     ND   50.20 <td>Project Number: <math>21080-0001</math>   Project Manager: <math>Travis Casey</math>   SUB0-02 I   SUB064-05   E206064-05   E206064-05   E206064-05   E206064-05   E206064-05   E206064-05   E206064-05   BEQ0064-05   BEQ0064-05   Particular Subord   Result Dilution Prepared   Mg/kg mg/kg Mg/kg Analyst: Colspan="2"&gt;Prepared   MD 0.0250 1 06/13/22   ND 0.0250 1 06/13/22   ND 0.0250 1 06/13/22   ND 0.0250 1 06/13/22   MD 20.0 1 06/13/22   MD 20.</td> <td>Project Number: 21080-0001   Project Manager: Travis Casey   SW11 @ 0 - 2 ft   E206064-05   E206064-05   Result Limit Dilution Prepared Analyzed   ME Mereoriting Analyzed Mereoriting Onlog Onlog</td>	Project Number: $21080-0001$ Project Manager: $Travis Casey$ SUB0-02 I   SUB064-05   E206064-05   E206064-05   E206064-05   E206064-05   E206064-05   E206064-05   E206064-05   BEQ0064-05   BEQ0064-05   Particular Subord   Result Dilution Prepared   Mg/kg mg/kg Mg/kg Analyst: Colspan="2">Prepared   MD 0.0250 1 06/13/22   ND 0.0250 1 06/13/22   ND 0.0250 1 06/13/22   ND 0.0250 1 06/13/22   MD 20.0 1 06/13/22   MD 20.	Project Number: 21080-0001   Project Manager: Travis Casey   SW11 @ 0 - 2 ft   E206064-05   E206064-05   Result Limit Dilution Prepared Analyzed   ME Mereoriting Analyzed Mereoriting Onlog


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Frontier Field Services 10077 Grogan Mill Rd Ste 300	Project Name: Project Numbe	r: 210	ch AMT #1 30-0001			Reported:
The Woodlands TX, 77380	Project Manage	er: Trav	vis Casey			6/16/2022 11:07:31AM
	SW	/12 @ 0 - 2	ft			
	]	E206064-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	Batch: 2225004		
Benzene	ND	0.0250	1	06/13/22	06/14/22	
Ethylbenzene	0.0595	0.0250	1	06/13/22	06/14/22	
Toluene	0.0431	0.0250	1	06/13/22	06/14/22	
p-Xylene	0.149	0.0250	1	06/13/22	06/14/22	
o,m-Xylene	0.325	0.0500	1	06/13/22	06/14/22	
Fotal Xylenes	0.474	0.0250	1	06/13/22	06/14/22	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	06/13/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2225004
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/22	06/14/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.8 %	70-130	06/13/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: AK		Batch: 2225008
Diesel Range Organics (C10-C28)	797	25.0	1	06/14/22	06/14/22	
Dil Range Organics (C28-C36)	329	50.0	1	06/14/22	06/14/22	
Surrogate: n-Nonane		104 %	50-200	06/14/22	06/14/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: RAS		Batch: 2225006
Chloride	335	20.0	1	06/13/22	06/14/22	

	Sa	imple D	ala			
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380	Project Name: Project Number Project Manage	r: 2108	ch AMT #1 80-0001 ⁄is Casey			<b>Reported:</b> 6/16/2022 11:07:31AM
	SW	14 @ 0 - 5.5	ft			
	]	E206064-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal		Batch: 2225004	
Benzene	ND	0.0250	1	06/13/22	06/14/22	
Ethylbenzene	ND	0.0250	1	06/13/22	06/14/22	
Toluene	ND	0.0250	1	06/13/22	06/14/22	
p-Xylene	ND	0.0250	1	06/13/22	06/14/22	
o,m-Xylene	ND	0.0500	1	06/13/22	06/14/22	
Total Xylenes	ND	0.0250	1	06/13/22	06/14/22	
urrogate: 4-Bromochlorobenzene-PID		100 %	70-130	06/13/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2225004
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/22	06/14/22	
urrogate: 1-Chloro-4-fluorobenzene-FID		89.5 %	70-130	06/13/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: AK		Batch: 2225008
Diesel Range Organics (C10-C28)	ND	25.0	1	06/14/22	06/14/22	
Dil Range Organics (C28-C36)	ND	50.0	1	06/14/22	06/14/22	
'urrogate: n-Nonane		96.3 %	50-200	06/14/22	06/14/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2225006
Chloride	453	20.0	1	06/13/22	06/14/22	

		impic D	ata			
Frontier Field Services	Project Name:		ch AMT #1			
10077 Grogan Mill Rd Ste 300	Project Numbe		80-0001			Reported:
The Woodlands TX, 77380	Project Manag	er: Trav	vis Casey			6/16/2022 11:07:31AN
	SW	15 @ 0 - 5.5	ft			
	-	E206064-08				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: RKS		Batch: 2225004
Benzene	ND	0.0250	1	06/13/22	06/14/22	
Ethylbenzene	ND	0.0250	1	06/13/22	06/14/22	
Toluene	ND	0.0250	1	06/13/22	06/14/22	
p-Xylene	ND	0.0250	1	06/13/22	06/14/22	
o,m-Xylene	ND	0.0500	1	06/13/22	06/14/22	
Total Xylenes	ND	0.0250	1	06/13/22	06/14/22	
Surrogate: 4-Bromochlorobenzene-PID		96.4 %	70-130	06/13/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2225004
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/22	06/14/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.8 %	70-130	06/13/22	06/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: AK		Batch: 2225008
Diesel Range Organics (C10-C28)	198	25.0	1	06/14/22	06/14/22	
Oil Range Organics (C28-C36)	72.8	50.0	1	06/14/22	06/14/22	
Surrogate: n-Nonane		103 %	50-200	06/14/22	06/14/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: RAS		Batch: 2225006
Chloride	561	20.0	1	06/13/22	06/14/22	



# QC Summary Data

		QU D		ny Duu	•				
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380		Project Name: Project Number: Project Manager:	21	arch AMT #1 1080-0001 avis Casey					<b>Reported:</b> 6/16/2022 11:07:31AM
		Volatile O	rganics <b>k</b>	oy EPA 802	1B				Analyst: RKS
Analyte		Reporting	Spike	Source		Rec		RPD	
-	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2225004-BLK1)							Prepared: 0	6/13/22 A	nalyzed: 06/14/22
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: 4-Bromochlorobenzene-PID	7.27		8.00		90.9	70-130			
LCS (2225004-BS1)							Prepared: 0	6/13/22 A	nalyzed: 06/14/22
Benzene	5.17	0.0250	5.00		103	70-130			
Ethylbenzene	4.70	0.0250	5.00		94.1	70-130			
Toluene	4.99	0.0250	5.00		99.8	70-130			
o-Xylene	4.88	0.0250	5.00		97.7	70-130			
p,m-Xylene	9.70	0.0500	10.0		97.0	70-130			
Total Xylenes	14.6	0.0250	15.0		97.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.48		8.00		93.4	70-130			
Matrix Spike (2225004-MS1)				Source:	E206064-	02	Prepared: 0	6/13/22 A	nalyzed: 06/14/22
Benzene	5.57	0.0250	5.00	ND	111	54-133			
Ethylbenzene	5.06	0.0250	5.00	ND	101	61-133			
Toluene	5.38	0.0250	5.00	ND	108	61-130			
o-Xylene	5.27	0.0250	5.00	ND	105	63-131			
p,m-Xylene	10.4	0.0500	10.0	ND	104	63-131			
Total Xylenes	15.7	0.0250	15.0	ND	105	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.63		8.00		95.4	70-130			
Matrix Spike Dup (2225004-MSD1)				Source:	E206064-	02	Prepared: 0	6/13/22 A	analyzed: 06/14/22
Benzene	5.44	0.0250	5.00	ND	109	54-133	2.36	20	
Ethylbenzene	4.94	0.0250	5.00	ND	98.9	61-133	2.33	20	
Toluene	5.25	0.0250	5.00	ND	105	61-130	2.40	20	
o-Xylene	5.14	0.0250	5.00	ND	103	63-131	2.43	20	
p,m-Xylene	10.2	0.0500	10.0	ND	102	63-131	2.35	20	
Total Xylenes	15.3	0.0250	15.0	ND	102	63-131	2.38	20	
Surrogate: 4-Bromochlorobenzene-PID	7.64		8.00		95.5	70-130			
Surrogue. 4 Diomocniorobenzene-11D	7.07		0.00		20.0	.0.50			



## **QC Summary Data**

		$\mathbf{v} \mathbf{v} \mathbf{v}$		ary Data	•				
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380		Project Name: Project Number: Project Manager:	2	farch AMT #1 1080-0001 ravis Casey					<b>Reported:</b> 6/16/2022 11:07:31AM
	No	nhalogenated C	Organics	by EPA 801	5D - G	RO			Analyst: RKS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2225004-BLK1)							Prepared: 0	6/13/22	Analyzed: 06/14/22
Gasoline Range Organics (C6-C10)	ND	20.0					Trepured. 0	0/15/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.21	2010	8.00		90.2	70-130			
LCS (2225004-BS2)							Prepared: 0	6/13/22	Analyzed: 06/14/22
Gasoline Range Organics (C6-C10)	53.0	20.0	50.0		106	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.33		8.00		91.7	70-130			
Matrix Spike (2225004-MS2)				Source: <b>F</b>	206064-	02	Prepared: 0	6/13/22	Analyzed: 06/14/22
Gasoline Range Organics (C6-C10)	53.2	20.0	50.0	ND	106	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.26		8.00		90.8	70-130			
Matrix Spike Dup (2225004-MSD2)				Source: <b>F</b>	206064-	02	Prepared: 0	6/13/22	Analyzed: 06/14/22
Gasoline Range Organics (C6-C10)	52.2	20.0	50.0	ND	104	70-130	1.91	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.19		8.00		89.9	70-130			



## QC Summary Data

		QC D	umm	laly Data					
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380		Project Name: Project Number: Project Manager:		March AMT #1 21080-0001 Travis Casey					<b>Reported:</b> 6/16/2022 11:07:31AM
	Nonh	alogenated Org	anics b	y EPA 8015D	- DRO	/ORO			Analyst: AK
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2225008-BLK1)							Prepared: 0	6/14/22	Analyzed: 06/14/22
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND ND	25.0 50.0							
Surrogate: n-Nonane	49.4		50.0		98.8	50-200			
LCS (2225008-BS1)							Prepared: 0	6/14/22	Analyzed: 06/14/22
Diesel Range Organics (C10-C28)	468	25.0	500		93.6	38-132			
Surrogate: n-Nonane	50.3		50.0		101	50-200			
Matrix Spike (2225008-MS1)				Source: I	E206064-	04	Prepared: 0	6/14/22	Analyzed: 06/14/22
Diesel Range Organics (C10-C28)	476	25.0	500	ND	95.3	38-132			
Surrogate: n-Nonane	50.6		50.0		101	50-200			
Matrix Spike Dup (2225008-MSD1)				Source: I	E <b>206064</b> -	04	Prepared: 0	6/14/22	Analyzed: 06/14/22
Diesel Range Organics (C10-C28)	471	25.0	500	ND	94.2	38-132	1.15	20	
Surrogate: n-Nonane	50.5		50.0		101	50-200			



### **QC Summary Data**

		$\mathbf{x} \in \mathbf{z}$	••••••						
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380		Project Name: Project Number: Project Manager:	2	farch AMT #1 1080-0001 ravis Casey					<b>Reported:</b> 6/16/2022 11:07:31AM
		Anions	by EPA	300.0/90564	۸				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 (2225006-BLK1)							Prepared: 0	6/13/22 A	nalyzed: 06/14/22
Chloride	ND	20.0							
LCS (2225006-BS1)							Prepared: 0	6/13/22 A	analyzed: 06/14/22
Chloride	246	20.0	250		98.5	90-110			
Matrix Spike (2225006-MS1)				Source:	E206064-0	01	Prepared: 0	6/13/22 A	analyzed: 06/14/22
Chloride	298	20.0	250	39.9	103	80-120			
Matrix Spike Dup (2225006-MSD1)				Source:	E206064-0	01	Prepared: 0	6/13/22 A	analyzed: 06/14/22
Chloride	298	20.0	250	39.9	103	80-120	0.242	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.



Frontier Field Services	Project Name:	March AMT #1	
10077 Grogan Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Travis Casey	06/16/22 11:07

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 11:53:26 AM

Client: F	rontier Fi	eld Servic	es	T	Bill To		T		La	b Us	se On	lv				T	AT	EPA P	rogram
roject:	March AM	/T # 1			Attention: Frontier Field Service	ces	Lab	NO#			Job	Numb	er	1D	2D	3D	Stand	ard CWA	SDWA
Project N	Manager:	Travis C	asev		Address: 10077 Gorgan's Mills R		FQ	06	Dh.	4	Sic	180	0001				X		
Address		est Steve			City, State, Zip The Woodlands					-	Analy	rsis an	d Meth	od	1		<u> </u>		RCRA
	te, Zip C				Phone: 575-703-7992			2	-7				<u> </u>		T				
Phone:		89-5949			Email: AGroves@durangomidstr	— 		ğ										State	L
	Travis.cas			-	Email: AGroves@durangormdstr	ream.com	1	<u></u>									NM		TX
Report d		5 Davs		-				ğ	021	260	8	300.0		N N	¥			+	
		JUays	<u> </u>	<u>l_</u>		1.26		§	2	8	s 60	de		<u>v</u>			-×		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number		TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride		BGDOC	BGDOC			Remarks	
9:30	6/8/22	S	1		FS29 @ 1 ft	1		X	х			X						Composite	
9:35	6/8/22	S	1		FS30 @ 1 ft	2		х	х			x						Composite	
12:45	6/8/22	S	1		FS31 @ 3 ft	3		х	х			x						Composite	
12:35	6/8/22	S	1		FS32 @ 4 ft	4		Х	х			X						Composite	
15:45	6/8/22	S	1		SW11 @ 0-2 ft	5		X	X			X						Composite	
15:50	6/8/22	S	1		SW12 @ 0-2 ft			x	x			x						Composite	
15:50~	<del>-6/8/22</del> _	5			<u>- 1413 @@\$.54</u>			- <b>X</b> -	- <del>X</del> -			×						Composite	
15:55	6/8/22	S	1		SW14 @ 0-5.5 ft	17		X	x			x						Composite	
16:00	6/8/22	S	1		SW15 @ 0-5.5 ft	18		x	X			x						Composite	
1 <del>6:10</del> -	6/8/22	<del>~\$</del> ~	-1					-X-	-X-			X				+	+	Gemposite	
ddition	al Instruc	tions:	L	<b>I</b>							I				1		1I		
					am aware that tampering with or intentionally mis	slabelling the sampl	le locati	on,			1 .		-				eceived on ice n 6 °C on subse	the day they are samp	led or received
	of collection ed by: (Signa		d fraud and i Date	may be grounds for leg Time	al action. Sampled by:	Date C	2	Time			1-					Jse O			
	d by: (Stin		6   Date	9/2022 9=	30 plightle v (Genature)	$\frac{91}{2} \frac{6-7}{2}$	-ob	Time	:3		Rec	eived	on ice:	6	<u>)</u> /r	V			
Ve	ŴM	Λ	6	702 -1	attalat	- 10/10	22	14	:3	0	<u>T1</u>			<u>T2</u>			<u>T3</u>		
eiinquish	ed by: (Signa	ture)	Date	Time	Received by: (Signature)	Uate		rime			AVG	6 Tem	p°C	4					
ample Mat	rix: S - Soil, Sd	- Solid, Sg -	Sludge, A - A	queous, O - Other		Containe	r Type	: g - e	glass,	<b>p</b> - p	oly/p	lastic,	ag - an	nber gl	ass, v	- VO	4		
lote: Sam	oles are disc	arded 30 da	ays after re	sults are reported u	nless other arrangements are made. Hazard	dous samples will	be ret	urned	to clie	ent or	r dispo	sed of	at the cl	ient ex	ense	. The	report for t	he analysis of the	above
					ratory with this COC. The liability of the labor														
											_						•	-	
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					I	Page 18 of 1	9							-					
						-													

#### **Envirotech Analytical Laboratory**

#### Sample Receipt Checklist (SRC)

Client:	Frontier Field Services D	ate Received:	06/10/22	16:30	Work Order ID:	E206064
Phone:	(575) 676-3500 D	ate Logged In:	06/10/22	09:31	Logged In By:	Caitlin Christian
Email:		ue Date:	06/16/22	17:00 (4 day TAT)		
Chain o	f Custody (COC)					
1. Does 1	the sample ID match the COC?		Yes			
	the number of samples per sampling site location match	the COC	Yes			
3. Were	samples dropped off by client or carrier?		Yes	Carrier: Courier		
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		Comment	ts/Resolution
Sample '	<u>Turn Around Time (TAT)</u>					
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample	Cooler					
	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			
	s, were custody/security seals intact?		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		Yes			
13. If no	minutes of sampling visible ice, record the temperature. Actual sample te	mperature: <u>4°</u>	<u>C</u>			
<u>Sample</u>	Container					
	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?		Yes			
19. Is the	e appropriate volume/weight or number of sample container	s collected?	Yes			
<u>Field La</u>						
	e field sample labels filled out with the minimum inform	nation:	V			
	Sample ID? Date/Time Collected?		Yes			
	Collectors name?		Yes No			
	Preservation_		110			
	s the COC or field labels indicate the samples were pres	erved?	No			
	sample(s) correctly preserved?		NA			
	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	<b>)</b>	No			
	s, does the COC specify which phase(s) is to be analyze		NA			
•	tract Laboratory		- •• •			
28. Are s	samples required to get sent to a subcontract laboratory	2	No			
	a subcontract laboratory specified by the client and if so		NA	Subcontract Lab: na		

C

Date

envirotech Inc.

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

Released to Imaging: 10/12/2022 3:05:15 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: March

March ATM #1

Work Order: E206103

Job Number: 21080-0001

Received: 6/15/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 6/21/22

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: 6/21/22

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

Project Name: March ATM #1 Workorder: E206103 Date Received: 6/15/2022 10:10:00AM

Travis Casey,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/15/2022 10:10:00AM, under the Project Name: March ATM #1.

The analytical test results summarized in this report with the Project Name: March ATM #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.

**Raina Schwanz** 

Laboratory Administrator

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)

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



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#### **Sample Summary**

		Sample Sum	mary		
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380		Project Name: Project Number: Project Manager:	March ATM #1 21080-0001 Travis Casey		<b>Reported:</b> 06/21/22 18:01
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S36 @ 3'	E206103-01A	Soil	06/13/22	06/15/22	Glass Jar, 4 oz.
S37 @ 3'	E206103-02A	Soil	06/13/22	06/15/22	Glass Jar, 4 oz.
S38 @ 3'	E206103-03A	Soil	06/13/22	06/15/22	Glass Jar, 4 oz.
539 @ 3'	E206103-04A	Soil	06/13/22	06/15/22	Glass Jar, 4 oz.
S40 @ 3'	E206103-05A	Soil	06/13/22	06/15/22	Glass Jar, 4 oz.
S41 @ 3'	E206103-06A	Soil	06/13/22	06/15/22	Glass Jar, 4 oz.
542 @ 3'	E206103-07A	Soil	06/13/22	06/15/22	Glass Jar, 4 oz.
543 @ 3'	E206103-08A	Soil	06/13/22	06/15/22	Glass Jar, 4 oz.
544 @ 3'	E206103-09A	Soil	06/13/22	06/15/22	Glass Jar, 4 oz.
845 @ 3'	E206103-10A	Soil	06/13/22	06/15/22	Glass Jar, 4 oz.
S46 @ 3'	E206103-11A	Soil	06/13/22	06/15/22	Glass Jar, 4 oz.
S47 @ 3'	E206103-12A	Soil	06/13/22	06/15/22	Glass Jar, 4 oz.
S04 @ 2'	E206103-13A	Soil	06/13/22	06/15/22	Glass Jar, 4 oz.
S06 @ 2'	E206103-14A	Soil	06/13/22	06/15/22	Glass Jar, 4 oz.
S07 @ 2'	E206103-15A	Soil	06/13/22	06/15/22	Glass Jar, 4 oz.
W03 @ 0 - 2'	E206103-16A	Soil	06/13/22	06/15/22	Glass Jar, 4 oz.
W18 @ 0 - 3'	E206103-17A	Soil	06/13/22	06/15/22	Glass Jar, 4 oz.
W19 @ 0 - 3'	E206103-18A	Soil	06/13/22	06/15/22	Glass Jar, 4 oz.
W20 @ 0 - 3'	E206103-19A	Soil	06/13/22	06/15/22	Glass Jar, 4 oz.
W21 @ 0 - 3'	E206103-20A	Soil	06/13/22	06/15/22	Glass Jar, 4 oz.



	5	ampie D	ala			
Frontier Field Services	Project Name:	: Mar	ch ATM #1			
10077 Grogan Mill Rd Ste 300	Project Numb	er: 210	80-0001	Reported:		
The Woodlands TX, 77380	Project Manag	ger: Trav	vis Casey			6/21/2022 6:01:27PM
		FS36 @ 3'				
		E206103-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2226011
Benzene	ND	0.0250	1	06/20/22	06/20/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/20/22	
Toluene	ND	0.0250	1	06/20/22	06/20/22	
p-Xylene	ND	0.0250	1	06/20/22	06/20/22	
o,m-Xylene	ND	0.0500	1	06/20/22	06/20/22	
Fotal Xylenes	ND	0.0250	1	06/20/22	06/20/22	
Surrogate: 4-Bromochlorobenzene-PID		84.5 %	70-130	06/20/22	06/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	ng/kg Analyst: IY			Batch: 2226011
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.5 %	70-130	06/20/22	06/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2226014
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/22	06/21/22	
Dil Range Organics (C28-C36)	ND	50.0	1	06/20/22	06/21/22	
Surrogate: n-Nonane		86.9 %	50-200	06/20/22	06/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2225062
Chloride	ND	200	10	06/16/22	06/20/22	

## Sample Data



	3	ample D	ata			
Frontier Field Services	Project Name:	: Mar	ch ATM #1			
10077 Grogan Mill Rd Ste 300	Project Numb	er: 2108	30-0001	Reported:		
The Woodlands TX, 77380	Project Manag	ger: Trav	vis Casey			6/21/2022 6:01:27PM
		FS37 @ 3'				
		E206103-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	Batch: 2226011		
Benzene	ND	0.0250	1	06/20/22	06/20/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/20/22	
Toluene	ND	0.0250	1	06/20/22	06/20/22	
p-Xylene	ND	0.0250	1	06/20/22	06/20/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/20/22	
Fotal Xylenes	ND	0.0250	1	06/20/22	06/20/22	
Surrogate: 4-Bromochlorobenzene-PID		84.3 %	70-130	06/20/22	06/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	g Analyst: IY			Batch: 2226011
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.3 %	70-130	06/20/22	06/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: JL		Batch: 2226014
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/22	06/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/22	06/21/22	
Surrogate: n-Nonane		86.9 %	50-200	06/20/22	06/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: KL		Batch: 2225062
Chloride	ND	20.0	1	06/16/22	06/20/22	

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Frontier Field Services 10077 Grogan Mill Rd Ste 300	Project Name Project Numb		ch ATM #1 30-0001			Reported:
The Woodlands TX, 77380	Project Manag		ris Casey			6/21/2022 6:01:27PM
		FS38 @ 3'				
		E206103-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	:: IY		Batch: 2226011
Benzene	ND	0.0250	1	06/20/22	06/20/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/20/22	
Toluene	ND	0.0250	1	06/20/22	06/20/22	
o-Xylene	ND	0.0250	1	06/20/22	06/20/22	
o,m-Xylene	ND	0.0500	1	06/20/22	06/20/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/20/22	
urrogate: 4-Bromochlorobenzene-PID		84.2 %	70-130	06/20/22	06/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	g Analyst: IY		Batch: 2226011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/20/22	
urrogate: 1-Chloro-4-fluorobenzene-FID		89.3 %	70-130	06/20/22	06/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	g Analyst: JL			Batch: 2226014
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/22	06/21/22	
Dil Range Organics (C28-C36)	ND	50.0	1	06/20/22	06/21/22	
Surrogate: n-Nonane		88.9 %	50-200	06/20/22	06/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	: KL		Batch: 2225062
Chloride	ND	200	10	06/16/22	06/20/22	



	5	ampie D	ala			
Frontier Field Services	Project Name	: Mar	ch ATM #1			
10077 Grogan Mill Rd Ste 300	Project Numb	er: 210	80-0001	Reported:		
The Woodlands TX, 77380	Project Manag	ger: Trav	vis Casey			6/21/2022 6:01:27PM
		FS39 @ 3'				
		E206103-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226011	
Benzene	ND	0.0250	1	06/20/22	06/20/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/20/22	
Toluene	ND	0.0250	1	06/20/22	06/20/22	
p-Xylene	ND	0.0250	1	06/20/22	06/20/22	
o,m-Xylene	ND	0.0500	1	06/20/22	06/20/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/20/22	
Surrogate: 4-Bromochlorobenzene-PID		84.9 %	70-130	06/20/22	06/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	kg Analyst: IY		Batch: 2226011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.9 %	70-130	06/20/22	06/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	/kg Analyst: JL			Batch: 2226014
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/22	06/21/22	
Dil Range Organics (C28-C36)	ND	50.0	1	06/20/22	06/21/22	
Surrogate: n-Nonane		80.7 %	50-200	06/20/22	06/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: KL		Batch: 2225062
Chloride	ND	100	5	06/16/22	06/20/22	

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Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380	Project Name: Project Numbe Project Manag	er: 2108	ch ATM #1 80-0001 ris Casey			<b>Reported:</b> 6/21/2022 6:01:27PM
		FS40 @ 3'				
		E206103-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2226011
Benzene	ND	0.0250	1	06/20/22	06/20/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/20/22	
Toluene	ND	0.0250	1	06/20/22	06/20/22	
p-Xylene	ND	0.0250	1	06/20/22	06/20/22	
o,m-Xylene	ND	0.0500	1	06/20/22	06/20/22	
Fotal Xylenes	ND	0.0250	1	06/20/22	06/20/22	
Surrogate: 4-Bromochlorobenzene-PID		85.6 %	70-130	06/20/22	06/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	kg Analyst: IY		Batch: 2226011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.4 %	70-130	06/20/22	06/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	zg Analyst: JL			Batch: 2226014
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/22	06/21/22	
Dil Range Organics (C28-C36)	ND	50.0	1	06/20/22	06/21/22	
Surrogate: n-Nonane		86.1 %	50-200	06/20/22	06/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	: KL		Batch: 2225062
Chloride	ND	200	10	06/16/22	06/20/22	

	5	ample D	ala			
Frontier Field Services	Project Name:	Mar	ch ATM #1			
10077 Grogan Mill Rd Ste 300	Project Numb	er: 2108	30-0001	Reported:		
The Woodlands TX, 77380	Project Manag	ger: Trav	vis Casey			6/21/2022 6:01:27PM
		FS41 @ 3'				
		E206103-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	ng/kg Analyst: IY			Batch: 2226011
Benzene	ND	0.0250	1	06/20/22	06/20/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/20/22	
Toluene	ND	0.0250	1	06/20/22	06/20/22	
o-Xylene	ND	0.0250	1	06/20/22	06/20/22	
o,m-Xylene	ND	0.0500	1	06/20/22	06/20/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/20/22	
Surrogate: 4-Bromochlorobenzene-PID		84.4 %	70-130	06/20/22	06/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	mg/kg Analyst: IY			Batch: 2226011
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.5 %	70-130	06/20/22	06/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2226014
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/22	06/21/22	
Dil Range Organics (C28-C36)	ND	50.0	1	06/20/22	06/21/22	
Surrogate: n-Nonane		91.2 %	50-200	06/20/22	06/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2225062
Chloride	ND	100	5	06/16/22	06/20/22	

	5	ample D	ala			
Frontier Field Services	Project Name	: Mar	ch ATM #1			
10077 Grogan Mill Rd Ste 300	Project Numb	er: 2108	80-0001	Reported:		
The Woodlands TX, 77380	Project Manag	ger: Trav	vis Casey			6/21/2022 6:01:27PM
		FS42 @ 3'				
		E206103-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	/kg Analyst: IY			Batch: 2226011
Benzene	ND	0.0250	1	06/20/22	06/20/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/20/22	
Toluene	ND	0.0250	1	06/20/22	06/20/22	
p-Xylene	ND	0.0250	1	06/20/22	06/20/22	
o,m-Xylene	ND	0.0500	1	06/20/22	06/20/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/20/22	
Surrogate: 4-Bromochlorobenzene-PID		84.1 %	70-130	06/20/22	06/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	ng/kg Analyst: IY		Batch: 2226011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.1 %	70-130	06/20/22	06/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: JL		Batch: 2226014
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/22	06/21/22	
Dil Range Organics (C28-C36)	ND	50.0	1	06/20/22	06/21/22	
Surrogate: n-Nonane		88.4 %	50-200	06/20/22	06/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: KL		Batch: 2225062
Chloride	ND	20.0	1	06/16/22	06/20/22	



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Frontier Field Services	Project Name:		ch ATM #1			
10077 Grogan Mill Rd Ste 300	Project Numb		80-0001			Reported:
The Woodlands TX, 77380	Project Manag	ger: Trav	vis Casey			6/21/2022 6:01:27PM
		FS43 @ 3'				
		E206103-08				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226011	
Benzene	ND	0.0250	1	06/20/22	06/20/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/20/22	
Toluene	ND	0.0250	1	06/20/22	06/20/22	
p-Xylene	ND	0.0250	1	06/20/22	06/20/22	
o,m-Xylene	ND	0.0500	1	06/20/22	06/20/22	
Fotal Xylenes	ND	0.0250	1	06/20/22	06/20/22	
Surrogate: 4-Bromochlorobenzene-PID		85.3 %	70-130	06/20/22	06/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	g/kg Analyst: IY			Batch: 2226011
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.7 %	70-130	06/20/22	06/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	mg/kg Analyst: JL			Batch: 2226014
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/22	06/21/22	
Dil Range Organics (C28-C36)	ND	50.0	1	06/20/22	06/21/22	
Surrogate: n-Nonane		87.7 %	50-200	06/20/22	06/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: KL		Batch: 2225062
Chloride	ND	20.0	1	06/16/22	06/21/22	

	5	ampie D	ala			
Frontier Field Services	Project Name:		ch ATM #1			
10077 Grogan Mill Rd Ste 300	Project Numb		80-0001			Reported:
The Woodlands TX, 77380	Project Manag	ger: Trav	vis Casey			6/21/2022 6:01:27PM
		FS44 @ 3'				
		E206103-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2226011	
Benzene	ND	0.0250	1	06/20/22	06/20/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/20/22	
Toluene	ND	0.0250	1	06/20/22	06/20/22	
p-Xylene	ND	0.0250	1	06/20/22	06/20/22	
o,m-Xylene	ND	0.0500	1	06/20/22	06/20/22	
Fotal Xylenes	ND	0.0250	1	06/20/22	06/20/22	
Surrogate: 4-Bromochlorobenzene-PID		84.9 %	70-130	06/20/22	06/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	g/kg Analyst: IY			Batch: 2226011
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.8 %	70-130	06/20/22	06/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	ng/kg Analyst: JL			Batch: 2226014
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/22	06/21/22	
Dil Range Organics (C28-C36)	ND	50.0	1	06/20/22	06/21/22	
Surrogate: n-Nonane		84.1 %	50-200	06/20/22	06/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	:: KL		Batch: 2225062
Chloride	ND	40.0	2	06/16/22	06/21/22	

	5	ample D	ala			
Frontier Field Services	Project Name:	Mar	ch ATM #1			
10077 Grogan Mill Rd Ste 300	Project Number	er: 2108	80-0001	Reported:		
The Woodlands TX, 77380	Project Manag	ger: Trav	ris Casey			6/21/2022 6:01:27PM
		FS45 @ 3'				
		E206103-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	ng/kg Analyst: IY			Batch: 2226011
Benzene	ND	0.0250	1	06/20/22	06/20/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/20/22	
Toluene	ND	0.0250	1	06/20/22	06/20/22	
o-Xylene	ND	0.0250	1	06/20/22	06/20/22	
o,m-Xylene	ND	0.0500	1	06/20/22	06/20/22	
Fotal Xylenes	ND	0.0250	1	06/20/22	06/20/22	
Surrogate: 4-Bromochlorobenzene-PID		85.0 %	70-130	06/20/22	06/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	mg/kg Analyst: IY		Batch: 2226011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.7 %	70-130	06/20/22	06/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2226014
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/22	06/21/22	
Dil Range Organics (C28-C36)	ND	50.0	1	06/20/22	06/21/22	
Surrogate: n-Nonane		88.6 %	50-200	06/20/22	06/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2225062
Chloride	ND	20.0	1	06/16/22	06/21/22	



	Da	imple D	ata			
Frontier Field Services	Project Name:	Mar	ch ATM #1			
10077 Grogan Mill Rd Ste 300	Project Numbe	r: 2108	80-0001	Reported:		
The Woodlands TX, 77380	Project Manag	er: Trav	vis Casey			6/21/2022 6:01:27PM
		FS46 @ 3'				
	-	E206103-11				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	g/kg Analyst: IY			Batch: 2226011
Benzene	ND	0.0250	1	06/20/22	06/20/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/20/22	
Toluene	ND	0.0250	1	06/20/22	06/20/22	
o-Xylene	ND	0.0250	1	06/20/22	06/20/22	
o,m-Xylene	ND	0.0500	1	06/20/22	06/20/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/20/22	
Surrogate: 4-Bromochlorobenzene-PID		84.0 %	70-130	06/20/22	06/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	g Analyst: IY			Batch: 2226011
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.7 %	70-130	06/20/22	06/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2226014
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/22	06/21/22	
Dil Range Organics (C28-C36)	ND	50.0	1	06/20/22	06/21/22	
Surrogate: n-Nonane		93.1 %	50-200	06/20/22	06/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: KL		Batch: 2225062
Chloride	ND	20.0	1	06/16/22	06/21/22	



	b	ample D	ala			
Frontier Field Services	Project Name	e: Mar	ch ATM #1			
10077 Grogan Mill Rd Ste 300	Project Numb	per: 2108	80-0001			Reported:
The Woodlands TX, 77380	Project Mana	ger: Trav	ris Casey			6/21/2022 6:01:27PM
		FS47 @ 3'				
		E206103-12				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY	Batch: 2226011	
Benzene	ND	0.0250	1	06/20/22	06/20/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/20/22	
Toluene	ND	0.0250	1	06/20/22	06/20/22	
p-Xylene	ND	0.0250	1	06/20/22	06/20/22	
o,m-Xylene	ND	0.0500	1	06/20/22	06/20/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/20/22	
Surrogate: 4-Bromochlorobenzene-PID		87.1 %	70-130	06/20/22	06/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	Analyst: IY		Batch: 2226011
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.7 %	70-130	06/20/22	06/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2226014
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/22	06/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/22	06/21/22	
Surrogate: n-Nonane		85.6 %	50-200	06/20/22	06/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2225062
Chloride	ND	20.0	1	06/16/22	06/21/22	



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Frontier Field Services	Project Name:		ch ATM #1			
10077 Grogan Mill Rd Ste 300	Project Numbe		80-0001			Reported:
The Woodlands TX, 77380	Project Manage	er: Trav	is Casey			6/21/2022 6:01:27PM
	-	FS04 @ 2'				
	]	E206103-13				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	Batch: 2226011		
Benzene	ND	0.0250	1	06/20/22	06/20/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/20/22	
Toluene	0.0430	0.0250	1	06/20/22	06/20/22	
p-Xylene	0.0609	0.0250	1	06/20/22	06/20/22	
o,m-Xylene	0.129	0.0500	1	06/20/22	06/20/22	
Fotal Xylenes	0.190	0.0250	1	06/20/22	06/20/22	
Surrogate: 4-Bromochlorobenzene-PID		87.4 %	70-130	06/20/22	06/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226011
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.9 %	70-130	06/20/22	06/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: JL		Batch: 2226014
Diesel Range Organics (C10-C28)	143	25.0	1	06/20/22	06/21/22	
Dil Range Organics (C28-C36)	52.0	50.0	1	06/20/22	06/21/22	
Surrogate: n-Nonane		90.2 %	50-200	06/20/22	06/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: KL		Batch: 2225062
Chloride	486	20.0	1	06/16/22	06/21/22	



	25	ample D	ata			
Frontier Field Services	Project Name:	Mar	ch ATM #1			
10077 Grogan Mill Rd Ste 300	Project Numbe	er: 2108	80-0001			Reported:
The Woodlands TX, 77380	Project Manag	ger: Trav	vis Casey			6/21/2022 6:01:27PM
		FS06 @ 2'				
	-	E206103-14				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: IY		Batch: 2226011
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
p-Xylene	ND	0.0250	1	06/20/22	06/21/22	
o,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Fotal Xylenes	ND	0.0250	1	06/20/22	06/21/22	
Surrogate: 4-Bromochlorobenzene-PID		87.9 %	70-130	06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226011
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.2 %	70-130	06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: JL		Batch: 2226014
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/22	06/21/22	
Dil Range Organics (C28-C36)	ND	50.0	1	06/20/22	06/21/22	
Surrogate: n-Nonane		91.1 %	50-200	06/20/22	06/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: KL		Batch: 2225062
Chloride	35.8	20.0	1	06/16/22	06/21/22	

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Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380	Project Name Project Numb Project Manaş	er: 210	ch ATM #1 80-0001 vis Casey			<b>Reported:</b> 6/21/2022 6:01:27PM
		FS07 @ 2'				
		E206103-15				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY	Batch: 2226011	
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
o,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
urrogate: 4-Bromochlorobenzene-PID		89.6 %	70-130	06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	Analyst: IY		Batch: 2226011
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
urrogate: 1-Chloro-4-fluorobenzene-FID		88.9 %	70-130	06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	ıt: JL		Batch: 2226014
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/22	06/21/22	
Dil Range Organics (C28-C36)	ND	50.0	1	06/20/22	06/21/22	
Surrogate: n-Nonane		88.4 %	50-200	06/20/22	06/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: KL		Batch: 2225062
Chloride	ND	20.0	1	06/16/22	06/21/22	

	S	ample D	ata				
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380	Project Name Project Numb Project Mana	ber: 210	ch ATM #1 30-0001 vis Casey	l			<b>Reported:</b> 6/21/2022 6:01:27PM
	S	W03 @ 0 - 2	,				
		E206103-16					
		Reporting					
Analyte	Result	Limit	Dilu	ution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY			Batch: 2226011
Benzene	ND	0.0250		1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250		1	06/20/22	06/21/22	
Toluene	ND	0.0250		1	06/20/22	06/21/22	
o-Xylene	ND	0.0250		1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500		1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250		1	06/20/22	06/21/22	
Surrogate: 4-Bromochlorobenzene-PID		87.7 %	70-130		06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2226011
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/20/22	06/21/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.7 %	70-130		06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2226014
Diesel Range Organics (C10-C28)	ND	25.0		1	06/20/22	06/21/22	
Oil Range Organics (C28-C36)	ND	50.0		1	06/20/22	06/21/22	
Surrogate: n-Nonane		77.5 %	50-200		06/20/22	06/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2225062
Chloride	34.6	20.0		1	06/16/22	06/21/22	

	S	Sample D	ata			
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380	Project Nam Project Num Project Mana	ber: 2108	ch ATM #1 80-0001 vis Casey			<b>Reported:</b> 6/21/2022 6:01:27PM
	5	SW18 @ 0 - 3	,			
		E206103-17				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2226011
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
Surrogate: 4-Bromochlorobenzene-PID		90.4 %	70-130	06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	Analyst: IY		Batch: 2226011
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.6 %	70-130	06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2226014
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/22	06/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/22	06/21/22	
Surrogate: n-Nonane		84.0 %	50-200	06/20/22	06/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: KL		Batch: 2225062
Chloride	ND	20.0	1	06/16/22	06/21/22	

	S	Sample D	ata			
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380	Project Nam Project Num Project Man	ber: 2108	ch ATM #1 80-0001 ⁄is Casey			<b>Reported:</b> 6/21/2022 6:01:27PM
	;	SW19 @ 0 - 3	1			
		E206103-18				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2226011
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
Surrogate: 4-Bromochlorobenzene-PID		89.7 %	70-130	06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2226011
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.8 %	70-130	06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2226014
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/22	06/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/22	06/21/22	
Surrogate: n-Nonane		73.9 %	50-200	06/20/22	06/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2225062
Chloride	ND	200	10	06/16/22	06/21/22	



	S	Sample D	ata			
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380	Project Nam Project Num Project Mana	ber: 2108	ch ATM #1 80-0001 ris Casey			<b>Reported:</b> 6/21/2022 6:01:27PM
		SW20 @ 0 - 3	1			
		E206103-19				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2226011
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
Surrogate: 4-Bromochlorobenzene-PID		89.2 %	70-130	06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2226011
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.6 %	70-130	06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2226014
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/22	06/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/22	06/21/22	
Surrogate: n-Nonane		83.4 %	50-200	06/20/22	06/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2225062
Chloride	ND	200	10	06/16/22	06/21/22	



	S	Sample D	ata			
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380	Project Nam Project Num Project Mana	ber: 210	ch ATM #1 80-0001 vis Casey			<b>Reported:</b> 6/21/2022 6:01:27PM
	5	SW21 @ 0 - 3	1			
		E206103-20				
		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	А	.nalyst: IY		Batch: 2226011
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
Surrogate: 4-Bromochlorobenzene-PID		91.7 %	70-130	06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	nalyst: IY		Batch: 2226011
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.3 %	70-130	06/20/22	06/21/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	А	.nalyst: JL		Batch: 2226014
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/22	06/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/22	06/21/22	
Surrogate: n-Nonane		86.6 %	50-200	06/20/22	06/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	А	.nalyst: KL		Batch: 2225062
Chloride	ND	20.0	1	06/16/22	06/21/22	

## **QC Summary Data**

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Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380		Project Name: Project Number: Project Manager:	2	farch ATM #1 1080-0001 ravis Casey					<b>Reported:</b> 6/21/2022 6:01:27PM
		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 (2226011-BLK1)						]	Prepared: 0	6/20/22 A	nalyzed: 06/21/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.46		8.00		93.3	70-130			
LCS (2226011-BS1)						]	Prepared: 0	6/20/22 A	analyzed: 06/21/22
Benzene	5.15	0.0250	5.00		103	70-130			
Ethylbenzene	5.09	0.0250	5.00		102	70-130			
Toluene	5.44	0.0250	5.00		109	70-130			
o-Xylene	5.03	0.0250	5.00		101	70-130			
p,m-Xylene	10.3	0.0500	10.0		103	70-130			
Total Xylenes	15.3	0.0250	15.0		102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.39		8.00		92.4	70-130			
LCS Dup (2226011-BSD1)						]	Prepared: 0	6/20/22 A	nalyzed: 06/21/22
Benzene	4.92	0.0250	5.00		98.5	70-130	4.57	20	
Ethylbenzene	4.89	0.0250	5.00		97.7	70-130	4.14	20	
Toluene	5.21	0.0250	5.00		104	70-130	4.37	20	
p-Xylene	4.83	0.0250	5.00		96.7	70-130	4.03	20	
p,m-Xylene	9.88	0.0500	10.0		98.8	70-130	4.04	20	
Total Xylenes	14.7	0.0250	15.0		98.1	70-130	4.03	20	


# **QC Summary Data**

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Frontier Field Services 10077 Grogan Mill Rd Ste 300		Project Name: Project Number:		[arch ATM #1 1080-0001					Reported:				
The Woodlands TX, 77380		Project Number: Project Manager		ravis Casey					6/21/2022 6:01:27PM				
Nonhalogenated Organics by EPA 8015D - GRO 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 (2226011-BLK1)							Prepared: 0	6/20/22	Analyzed: 06/21/22				
Gasoline Range Organics (C6-C10)	ND	20.0											
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.94		8.00		86.7	70-130							
LCS (2226011-BS2)							Prepared: 0	6/20/22	Analyzed: 06/21/22				
Gasoline Range Organics (C6-C10)	44.5	20.0	50.0		89.0	70-130							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.06		8.00		101	70-130							
LCS Dup (2226011-BSD2)							Prepared: 0	6/20/22	Analyzed: 06/21/22				
Gasoline Range Organics (C6-C10)	44.3	20.0	50.0		88.6	70-130	0.467	20					



# QC Summary Data

		QC D	u 111111	ary Data	•				
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380		Project Name: Project Number: Project Manager:	:	March ATM #1 21080-0001 Travis Casey					<b>Reported:</b> 6/21/2022 6:01:27PM
	Nonh	alogenated Org	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 (2226014-BLK1)							Prepared: 0	6/20/22 A	Analyzed: 06/21/22
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND ND	25.0 50.0							
Surrogate: n-Nonane	41.0		50.0		82.1	50-200			
LCS (2226014-BS1)							Prepared: 0	6/20/22 A	Analyzed: 06/21/22
Diesel Range Organics (C10-C28)	492	25.0	500		98.4	38-132			
Surrogate: n-Nonane	42.7		50.0		85.4	50-200			
Matrix Spike (2226014-MS1)				Source: <b>F</b>	206103-	07	Prepared: 0	6/20/22 A	Analyzed: 06/21/22
Diesel Range Organics (C10-C28)	507	25.0	500	ND	101	38-132			
Surrogate: n-Nonane	47.0		50.0		94.0	50-200			
Matrix Spike Dup (2226014-MSD1)				Source: <b>F</b>	206103-	07	Prepared: 0	6/20/22 A	Analyzed: 06/21/22
Diesel Range Organics (C10-C28)	519	25.0	500	ND	104	38-132	2.30	20	
Surrogate: n-Nonane	45.4		50.0		90.7	50-200			



### **QC Summary Data**

		$\mathbf{x} \circ \sim$	••••••	ary Date	•				
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380		Project Name: Project Number: Project Manager:	2	March ATM #1 21080-0001 Fravis Casey					<b>Reported:</b> 6/21/2022 6:01:27PM
		Anions	by EPA	300.0/9056A	L				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 (2225062-BLK1)	ND	20.0					Prepared: 0	6/16/22	Analyzed: 06/20/22
LCS (2225062-BS1)							Prepared: 0	6/16/22	Analyzed: 06/20/22
Chloride Matrix Spike (2225062-MS1)	255	20.0	250	Source:	102 E206103-(	90-110 ) <b>1</b>	Prepared: 0	6/16/22	Analyzed: 06/20/22
Chloride	269	200	250	ND	108	80-120	D 10	(1) (100	
Matrix Spike Dup (2225062-MSD1)					E206103-(		1		Analyzed: 06/20/22
Chloride	258	200	250	ND	103	80-120	4.52	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.



	_ • • - • •		
Frontier Field Services	Project Name:	March ATM #1	
10077 Grogan Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Travis Casey	06/21/22 18:01

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.



Referoject Information

ecopyed by OCD: 8/10/2022 11:53:26 AM

roject: March ATM #1roject: Manager: Travis Caseyddress:508 West Stevens Street.ity, State, ZipCarlsbad, NM 88220hone:575-689-5949mail:Travis.casey@wsp.comeport due by:5 DayTimeDateSampledMatrixSampledMatrixSampledSample IDFS36 @ 3'ContainersSampledSample IDFS36 @ 3'ContainersSample CollSample IDFS36 @ 3'ContainersSample CollSample IDSample CollSample IDFS36 @ 3'ContainersSample CollSample IDSample C	ol thod	WN	2D	3D	Stand		CWA	RCRA
ddress:       508 West Stevens Street.       City, State, Zip       The Woodlands, Tx 77380       Analysis and N         ity, State, Zip       Carlsbad, NM 88220       Email:       AGroves@durangomidstream.com       Analysis and N         hone:       575-689-5949       Email:       AGroves@durangomidstream.com       Analysis and N         eport due by:       5 Day       Email:       AGroves@durangomidstream.com       Analysis and N         Time       Date       Matrix       No. of Containers       Sampled       Sample ID       Lab       Number:       Analysis and N         12:20       6/13/22       S       1       FS36 @ 3'       7       I       I       I	ethod				X			RCRA
City, State, Zip       Carlsbad, NM 88220         hone:       575-689-5949         mail:       Travis.casey@wsp.com         eport due by:       5 Day         Time       Date         Sampled       Matrix         Sampled       Matrix         Sampled       Sampled         Sampled       12:20         6/13/22       S         1       FS36@3'								RCRA
12:20 6/13/22 S 1 FS36 @ 3'							i i	1 1
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12:20 6/13/22 S 1 FS36 @ 3'		BGDOC	BGDOC			R	Remarks	
		x				1	Composite	
12:20 6/13/22 S 1 FS37@3'		x					Composite	
12:35 6/13/22 S 1 FS38@3' 3		x					Composite	
12:40 6/13/22 S 1 FS39@3' 4		x					Composite	
12:45 6/13/22 S 1 FS40@3'		x					Composite	
13:24 6/13/22 S 1 FS41@3'		x					Composite	
13:40 6/13/22 S 1 FS42@3' 7		x					Composite	
14:00 6/13/22 S 1 FS43@3' <b>5</b>		x					Composite	
14:05 6/13/22 S 1 FS44@3' 9	:	x					Composite	
14:10 6/13/22 S 1 FS45 @ 3'		x					Composite	
Additional Instructions:							,	
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.								d or received
Relinquished by: (Signature) Date Time Received by: (Signature) Date Time (0-14-22 10-52 Received on	e: /	Lat		e Only	Y			
Relfnquished by: (Signature) Date Time (Received by Signature) Date Time (Beceived by Signature) Date Time (15/72) 10:10 T1	T	$\sim$			ТЗ			
Reliaquisped by: (Signature) Date Time Received by: (Signature) Date Time AVG Temp °C	- <u>-</u>	 [						
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Container Type: g - glass, p - poly/plastic, ag -	mber #		5. V -	VOA				
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the	client e	expen	nse.	The rec	port for th	ne analysi	is of the a	bove
samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.	-	//						e C

Project Ir	Iformatior	ì					Chain of Cust	ody											Page	rogram SDWA RCRA
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Phone:		89-5949					<u> </u>		٩ 0						1				State	
	Travis.case			-		ail: AGroves@durangomids	tream.com	-	Š									NINAL CO		
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1 4.45	C /12 /22						$-\mu$	-												
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field sam	oler), attest to	the validity	and authent	icity of this sar	mple. I am aware	that tampering with or intentionally m <u>Sampled by:</u>	islabelling the samp	le locati	on,									ved on ice the da	· · ·	ed or received
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							Page 32 of 3	აპ												

### **Envirotech Analytical Laboratory**

### Sample Receipt Checklist (SRC)

	Frontier Field Services	Date Received:	06/15/22	10:10	Wo	ork Order ID:	E206103
Phone:	(575) 676-3500 E	ate Logged In:	06/15/22	11:54	Lo	gged In By:	Caitlin Christian
Email:		Due Date:	06/21/22	17:00 (4 day TAT)			
Chain o	<u>f Custody (COC)</u>						
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: UP	<u>S</u>		
4. Was tl	he COC complete, i.e., signatures, dates/times, requeste	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.		Yes	_		<u>Commen</u>	ts/Resolution
Sample	<u>Turn Around Time (TAT)</u>						
6. Did th	ne COC indicate standard TAT, or Expedited TAT?		Yes				
Sample	Cooler						
7. Was a	a sample cooler received?		Yes				
8. If yes,	, was cooler received in good condition?		Yes				
9. Was tl	he sample(s) received intact, i.e., not broken?		Yes				
10. Were	e custody/security seals present?		No				
11. If ye	es, were custody/security seals intact?		NA				
12. Was t	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		Yes				
13 Ifno	visible ice, record the temperature. Actual sample te	mperature: 4°	C				
	Container	<u> </u>	<u> </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				
16. Is the	· · · · · · · · · · · · · · · · · · ·						
	a trip blank (TB) included for VOC analyses?		NA				
17. Was	a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers?		NA Yes				
17. Was 18. Are 1	non-VOC samples collected in the correct containers?	s collected?	NA Yes Yes				
17. Was 18. Are 1 19. Is the	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container	s collected?	Yes				
<ol> <li>17. Was</li> <li>18. Are 1</li> <li>19. Is the</li> <li>Field La</li> </ol>	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container		Yes				
<ol> <li>17. Was</li> <li>18. Are 1</li> <li>19. Is the</li> <li>Field La</li> <li>20. Were</li> </ol>	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel_		Yes				
17. Was 18. Are 1 19. Is the Field La 20. Were	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected?		Yes Yes Yes Yes				
17. Was 18. Are 1 19. Is the Field La 20. Were 1 0	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name?		Yes Yes Yes				
17. Was 18. Are n 19. Is the <b>Field La</b> 20. Were Sample	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u>	nation:	Yes Yes Yes No				
17. Was 18. Are 1 19. Is the Field La 20. Were 5 1 0 0 Sample 21. Does	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were pres	nation:	Yes Yes Yes No No				
17. Was 18. Are 1 19. Is the Field La 20. Were Sample 21. Does 22. Are 5	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were pres sample(s) correctly preserved?	nation: erved?	Yes Yes Yes No No NA				
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17. Was 18. Are 1 19. Is the Field La 20. Were 20. Were 21. Does 22. Are 2 24. Is lat Multiph	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were press sample(s) correctly preserved? b filteration required and/or requested for dissolved met mase Sample Matrix	nation: erved? als?	Yes Yes Yes No No NA No				
17. Was 18. Are n 19. Is the <b>Field La</b> 20. Were 20. Were 21. Does 22. Are s 24. Is lat <b>Multiph</b> 26. Does	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <b>Preservation</b> s the COC or field labels indicate the samples were pres sample(s) correctly preserved? b filteration required and/or requested for dissolved met <b>hase Sample Matrix</b> s the sample have more than one phase, i.e., multiphase	nation: erved? als? ?	Yes Yes Yes No No NA No				
17. Was 18. Are 1 19. Is the <b>Field La</b> 20. Were 20. Were 21. Does 22. Are 1 24. Is lat Multiph 26. Does 27. If ye	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were press sample(s) correctly preserved? b filteration required and/or requested for dissolved met nase Sample Matrix s the sample have more than one phase, i.e., multiphase' es, does the COC specify which phase(s) is to be analyzed	nation: erved? als? ?	Yes Yes Yes No No NA No				
17. Was 18. Are 1 19. Is the Field La 20. Were 20. Were 21. Does 22. Are 5 22. Are 5 24. Is lat Multiph 26. Does 27. If ye	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <b>Preservation</b> s the COC or field labels indicate the samples were press sample(s) correctly preserved? b filteration required and/or requested for dissolved met <b>nase Sample Matrix</b> s the sample have more than one phase, i.e., multiphase' is, does the COC specify which phase(s) is to be analyzed <b>tract Laboratory</b>	nation: erved? als? ? 2d?	Yes Yes Yes No No NA No No				
17. Was 18. Are 1 19. Is the <b>Field La</b> 20. Were 20. Were 21. Does 22. Are 5 24. Is lat <b>Multiph</b> 26. Does 27. If ye <b>Subcont</b> 28. Are 5	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were press sample(s) correctly preserved? b filteration required and/or requested for dissolved met nase Sample Matrix s the sample have more than one phase, i.e., multiphase' es, does the COC specify which phase(s) is to be analyzed	nation: erved? als? 2 ed? ?	Yes Yes Yes No No NA No	Subcontract Lab:			

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



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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:** March AMT #1

Work Order: E206196

Job Number: 21080-0001

> Received: 6/28/2022

> > 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: March AMT #1 Workorder: E206196 Date Received: 6/28/2022 11:24:00AM

Travis Casey,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/28/2022 11:24:00AM, under the Project Name: March AMT #1.

The analytical test results summarized in this report with the Project Name: March AMT #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)

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



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### Sample Summary

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		Sample Sum	mai y		
Frontier Field Services		Project Name:	March AMT #1		Reported:
10077 Grogan Mill Rd Ste 300		Project Number:	21080-0001		Keporteu.
The Woodlands TX, 77380		Project Manager:	Travis Casey		07/08/22 16:03
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS04 @ 2 ft	E206196-01A	Soil	06/27/22	06/28/22	Glass Jar, 4 oz.
SW12 @ 2 ft	E206196-02A	Soil	06/27/22	06/28/22	Glass Jar, 4 oz.
SW15 @ 4 ft	E206196-03A	Soil	06/27/22	06/28/22	Glass Jar, 4 oz.
FS31@3ft	E206196-04A	Soil	06/27/22	06/28/22	Glass Jar, 4 oz.



	Di	ample D	ala			
Frontier Field Services	Project Name:	Mar	ch AMT #1			
10077 Grogan Mill Rd Ste 300	Project Numbe	er: 210	80-0001			Reported:
The Woodlands TX, 77380	Project Manag	er: Trav	vis Casey	7/8/2022 4:03:35PM		
	I	FS04 @ 2 ft				
		E206196-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: IY		Batch: 2227032
Benzene	ND	0.0250	1	06/28/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/28/22	06/29/22	
Foluene	ND	0.0250	1	06/28/22	06/29/22	
p-Xylene	ND	0.0250	1	06/28/22	06/29/22	
o,m-Xylene	ND	0.0500	1	06/28/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/28/22	06/29/22	
Surrogate: 4-Bromochlorobenzene-PID		87.5 %	70-130	06/28/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: IY		Batch: 2227032
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/22	06/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		80.1 %	70-130	06/28/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: AK		Batch: 2227033
Diesel Range Organics (C10-C28)	ND	25.0	1	06/28/22	06/28/22	
Dil Range Organics (C28-C36)	ND	50.0	1	06/28/22	06/28/22	
Surrogate: n-Nonane		116 %	50-200	06/28/22	06/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: RAS		Batch: 2227041
Chloride	ND	200	10	06/28/22	06/29/22	

### Sample Data



	5	ampic D	ala			
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380	Project Name: Project Numbe Project Manag	er: 210	ch AMT #1 80-0001 ris Casey			<b>Reported:</b> 7/8/2022 4:03:35PM
	S	SW12 @ 2 ft				
		E206196-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	t: IY		Batch: 2227032
Benzene	ND	0.0250	1	06/28/22	06/29/22	
Ethylbenzene	ND	0.0250	1	06/28/22	06/29/22	
Toluene	ND	0.0250	1	06/28/22	06/29/22	
p-Xylene	ND	0.0250	1	06/28/22	06/29/22	
o,m-Xylene	ND	0.0500	1	06/28/22	06/29/22	
Total Xylenes	ND	0.0250	1	06/28/22	06/29/22	
Surrogate: 4-Bromochlorobenzene-PID		88.0 %	70-130	06/28/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	t: IY		Batch: 2227032
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/22	06/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		80.7 %	70-130	06/28/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst	:: AK		Batch: 2227033
Diesel Range Organics (C10-C28)	ND	25.0	1	06/28/22	06/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/28/22	06/28/22	
Surrogate: n-Nonane		119 %	50-200	06/28/22	06/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	:: RAS		Batch: 2227041
Chloride	ND	200	10	06/28/22	06/29/22	

<b>Reported:</b> 022 4:03:35PM
•
022 4:03:35PM
otes
: 2227032
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1:

Di	ample D	ala			
Project Name:	Mar	ch AMT #1			
Project Numbe	er: 210	80-0001			Reported:
Project Manag	ger: Trav	vis Casey			7/8/2022 4:03:35PM
	FS31@3ft				
	E206196-04				
	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analyst	t: IY		Batch: 2227032
ND	0.0250	1	06/28/22	06/29/22	
ND	0.0250	1	06/28/22	06/29/22	
ND	0.0250	1	06/28/22	06/29/22	
ND	0.0250	1	06/28/22	06/29/22	
ND	0.0500	1	06/28/22	06/29/22	
ND	0.0250	1	06/28/22	06/29/22	
	96.4 %	70-130	06/28/22	06/29/22	
mg/kg	mg/kg	Analyst	t: IY		Batch: 2227032
ND	20.0	1	06/28/22	06/29/22	
	89.4 %	70-130	06/28/22	06/29/22	
mg/kg	mg/kg	Analyst	:: AK		Batch: 2227033
ND	25.0	1	06/28/22	06/29/22	
ND	50.0	1	06/28/22	06/29/22	
	122 %	50-200	06/28/22	06/29/22	
mg/kg	mg/kg	Analyst	:: RAS		Batch: 2227041
ND	200		06/28/22	06/29/22	
	Project Name: Project Numbo Project Manage Result mg/kg ND ND ND ND ND ND ND ND ND ND ND ND ND	Project Name:         Mar           Project Number:         2103           Project Manager:         Trav           Project Manager:         Trav           FS31@3ft         E206196-04           E206196-04         E206196-04           Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         20.0           89.4 %         mg/kg           MD         25.0           ND         50.0           ND         50.0           ND         50.0           ND         50.0	Project Number: $21080-0001$ Project Manager:       Travis Casey         FS31@3ft       E206196-04         E206196-04       Dilution         Result       Limit       Dilution         mg/kg       mg/kg       Analyst         ND       0.0250       1         ND       20.0       1         Mg/kg       mg/kg       Analyst         MD       20.0       1         MD       25.0       1         ND       25.0       1         ND       50.0       1         ND       50.0       1         ND       50.200       1         Mg/kg       Mg/kg	Image: March AMT #1         Project Namber:       21080-0001         Project Manager:       Travis Casey         FS31@3ft       E206196-04         FE206196-04       Prepared         Result       Limit       Dilution       Prepared         MD       0.0250       1       06/28/22         ND       20.0       1       06/28/22         ND       20.0       1       06/28/22         MD       20.0       1       06/28/22         MD       25.0       1       06/28/22         ND       25.0       1       <	Image: March AMT #1         Project Number:       21080-0001         Project Number:       21080-0001         Project Manager:       Travis Casey         FS31@3ft         E206196-04         Result       Dilution       Prepared       Analyzed         MC       Dilution       Prepared       Analyzed       O6/29/22         MD       0.0250       1       06/28/22       06/29/22         ND       20.0       1       06/28/22       06/29/22         ND       20.0       1       06/28/22       06/29/22         ND       20.0       1       06/28/22       06/29/22 </td

# **QC Summary Data**

Frontier Field Services 10077 Grogan Mill Rd Ste 300		Project Name: Project Number:	2	larch AMT #1 1080-0001					Reported:
The Woodlands TX, 77380		Project Manager:	Ti	ravis Casey					7/8/2022 4:03:35PM
		Volatile Or	rganics l	by EPA 8021	B				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 (2227032-BLK1)							Prepared: 0	6/28/22 A	analyzed: 06/28/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Fotal Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.37		8.00		92.1	70-130			
LCS (2227032-BS1)							Prepared: 0	6/28/22 A	analyzed: 06/29/22
Benzene	5.07	0.0250	5.00		101	70-130			
Ethylbenzene	4.72	0.0250	5.00		94.4	70-130			
Foluene	4.98	0.0250	5.00		99.6	70-130			
p-Xylene	4.92	0.0250	5.00		98.3	70-130			
o,m-Xylene	9.73	0.0500	10.0		97.3	70-130			
Fotal Xylenes	14.6	0.0250	15.0		97.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.49		8.00		<b>93</b> .7	70-130			
LCS Dup (2227032-BSD1)							Prepared: 0	6/28/22 A	analyzed: 06/29/22
Benzene	5.41	0.0250	5.00		108	70-130	6.55	20	
Ethylbenzene	5.06	0.0250	5.00		101	70-130	6.90	20	
Toluene	5.33	0.0250	5.00		107	70-130	6.81	20	
	5.28	0.0250	5.00		106	70-130	7.07	20	
p-Xylene	5.20	010200							
p-Xylene p,m-Xylene	10.4 15.7	0.0500	10.0 15.0		104	70-130 70-130	6.75 6.86	20 20	



# **QC Summary Data**

		<b>Y V V</b>	/	ary Duce	•				
Frontier Field Services		Project Name:	Ν	March AMT #1					Reported:
10077 Grogan Mill Rd Ste 300		Project Number	: 2	21080-0001					
The Woodlands TX, 77380		Project Manager	r: 7	Fravis Casey					7/8/2022 4:03:35PM
	No	onhalogenated	Organics	s 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 (2227032-BLK1)							Prepared: 0	6/28/22 A	nalyzed: 06/28/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.24		8.00		90.5	70-130			
LCS (2227032-BS2)							Prepared: 0	6/28/22 A	nalyzed: 06/29/22
Gasoline Range Organics (C6-C10)	55.0	20.0	50.0		110	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.30		8.00		91.3	70-130			
LCS Dup (2227032-BSD2)							Prepared: 0	6/28/22 A	nalyzed: 06/29/22
Gasoline Range Organics (C6-C10)	50.6	20.0	50.0		101	70-130	8.31	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.30		8.00		91.3	70-130			



# QC Summary Data

		QC D	u 1 1 1 1 1 1	ary Data					
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380		Project Name: Project Number:	2	March AMT #1 21080-0001 Fravis Casey					<b>Reported:</b> 7/8/2022 4:03:35PM
The woodlands TX, 77580		Project Manager:		Travis Casey					7/8/2022 4.03.33FW
	Nonha	alogenated Org	anics by	y EPA 8015D	- DRO	/ORO			Analyst: AK
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2227033-BLK1)							Prepared: 0	6/28/22 A	nalyzed: 06/28/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.8		50.0		108	50-200			
LCS (2227033-BS1)							Prepared: 0	6/28/22 A	analyzed: 06/28/22
Diesel Range Organics (C10-C28)	555	25.0	500		111	38-132			
Surrogate: n-Nonane	62.6		50.0		125	50-200			
Matrix Spike (2227033-MS1)				Source: E	206195-	25	Prepared: 0	6/28/22 A	analyzed: 06/28/22
Diesel Range Organics (C10-C28)	615	25.0	500	75.8	108	38-132			
Surrogate: n-Nonane	60.7		50.0		121	50-200			
Matrix Spike Dup (2227033-MSD1)				Source: E	206195-	25	Prepared: 0	6/28/22 A	analyzed: 06/28/22
Diesel Range Organics (C10-C28)	616	25.0	500	75.8	108	38-132	0.140	20	
Surrogate: n-Nonane	60.2		50.0		120	50-200			



### **QC Summary Data**

		$\mathbf{x} \in \mathbf{z}$	~	ary Dan					
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380		Project Name: Project Number: Project Manager:	2	farch AMT #1 1080-0001 fravis Casey					<b>Reported:</b> 7/8/2022 4:03:35PM
		Anions	by EPA	300.0/9056A	<b>\</b>				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 (2227041-BLK1)							Prepared: 0	6/28/22 A	analyzed: 06/28/22
Chloride	ND	20.0							
LCS (2227041-BS1)							Prepared: 0	6/28/22 A	analyzed: 06/28/22
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2227041-MS1)				Source:	E206193-	01	Prepared: 0	6/28/22 A	analyzed: 06/28/22
Chloride	529	100	250	261	107	80-120			
Matrix Spike Dup (2227041-MSD1)				Source:	E206193-	01	Prepared: 0	6/28/22 A	analyzed: 06/28/22
Chloride	530	100	250	261	108	80-120	0.160	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.



Frontier Field Services	Project Name:	March AMT #1	
10077 Grogan Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Travis Casey	07/08/22 16:03

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

Page \_ 0

Project Information Chain of Cust							1											Page _	of [
liont. F	rontier Fie	Id Convig			Bill To			_	1.	ab Use	00	he.	-	_		TAT		EDAD	
			S. 1		Attention: Frontier Field Serv							Number	1		201	1	Standard	CWA	rogram
	Limousine			-		Vices Lab V			10		210	SKO-CC	NI	D	20	3D X	Standard	CWA	SDWA
	lanager:				Address: 10077 Gorgan's Mills		Eac	10	171					_		~			DCDA
	508 W				City, State, Zip The Woodlands	S, 1X //380		> 1	-	A	naly	sis and Me	thod	-					RCRA
	e, Zip Ca			<u> </u>	Phone: 575-703-7992			D C			-								
one:		89-5949			Email: AGroves@durangomidst	ream.com		Х I										State	I mul
	Travis.cas			-				DYO	021	60	10	000.00	5	ΣN	~		NMI CO	UT AZ	TX
	ue by: 3	Day, 06/	30/22			1		Yoy	y 8(	y 82	99 9	de 3			¥		×		
Time ampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number	C HUL	1PH GRU/DRU/URU BY 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC	BGDOC			Remarks	
0:00	6/27/22	S	1		FS04 @ 2ft	1		x				x		x				Composite	
9:40	6/27/22	S	1		SW12 @2ft	2		x				x		x				Composite	
9:45	6/27/22	S	1		SW15 @ 4ft	3		x				x		х				Composite	
:50:00	06/27/2	2 s	1	1	FS31@3ft	4		х				x		x				Composite	
ddition	al Instruc	tions:																	
ld camp	lar) attact to	the validity	and authorst	icity of this sample. I	am aware that tampering with or intentionally mis	labelling the cample	location			Is	amole	s requiring ther	malnres	ervati	on must	he recei	ved on ice the day	they are campl	ed or receive
				nay be grounds for leg		account one sample	location	"									C on subsequent da	and the second	
linguishe	ed by: (Signa	ature)	Date	Time	Received by: (Signature)	A Date	T	ime			Rece	eived on ic	:e: (	La	b Use Y N	e Only	'		-
linquishe	ed by: (Signa	iture)	Date	Time	Received by: (Signature)	Date		Time	au			Temp °C	4	2		-	<u>– T3</u>		
nole Matr	rix: S - Soil Sd	- Solid Se -	Sludge A - A	queous, <b>O</b> - Other		Container	Type	g - p	lass			astic, ag - a	mber	plase	- V - 1	/0A			
					Inless other arrangements are made. Hazard												port for the ana	lysis of the	above
					pratory with this COC. The liability of the labor								enent	hc		. ne rej		and of the	above
						age 14 of 16				(	3	e	n		V	i	ot	е	cl

### **Envirotech Analytical Laboratory**

	Ľ	invirotech	Analytic	ai Laboratory		Printed: 6/28/2022 12:43:31PM
nstructions	: Please take note of any NO checkmarks.	Sample	Receipt Ch	ecklist (SRC)		
	e no response concerning these items within 24 hours of the	e date of this not	ice, all the sam	ples will be analyzed as req	uested.	
Client:	Frontier Field Services I	Date Received:	06/28/22 11:	24	Work Order ID:	E206196
Phone:	(575) 676-3500 I	Date Logged In:	06/27/22 16:	49	Logged In By:	Caitlin Christian
Email:	travis.casey@wsp.com I	Due Date:	06/30/22 17:	00 (2 day TAT)		
Chain o	f Custody (COC)					
	the sample ID match the COC?		Yes			
	the number of samples per sampling site location match	n the COC	Yes			
3. Were	samples dropped off by client or carrier?		Yes	Carrier: UPS		
	he COC complete, i.e., signatures, dates/times, requeste	d analyses?	No	Carrier. <u>015</u>		
	all samples received within holding time?	j ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	Yes			
	Note: Analysis, such as pH which should be conducted in t i.e, 15 minute hold time, are not included in this disucssion				Commen	ts/Resolution
Sample	<u>Turn Around Time (TAT)</u>					
6. Did th	e 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 tl	he sample(s) received intact, i.e., not broken?		Yes			
10. Were	e custody/security seals present?		No			
	s, were custody/security seals intact?		NA			
-	he sample received on ice? If yes, the recorded temp is 4°C, i. Note: Thermal preservation is not required, if samples are r minutes of sampling		Yes			
13. If no	visible ice, record the temperature. Actual sample to	emperature: 4°	°C			
	<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?		Yes			
	appropriate volume/weight or number of sample containe	rs collected?	Yes			
Field La						
	e field sample labels filled out with the minimum inform	nation:				
	Sample ID?		Yes			
	Date/Time Collected?		No			
	Collectors name?		No			
	Preservation	10				
	s the COC or field labels indicate the samples were pres	served?	No			
	sample(s) correctly preserved? o filteration required and/or requested for dissolved me	tals?	NA No			
<u>Multiph</u>	ase Sample Matrix					
26. Does	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 analyz	ed?	NA			
<u>Subcont</u>	ract Laboratory					
	samples required to get sent to a subcontract laboratory	?	No			
	a subcontract laboratory specified by the client and if s		NA S	ubcontract Lab: na		
Client I	Instruction					

**Client Instruction** 

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



envirotech Inc.

**Project Information** 

Released to Imaging: 10/12/2022 3:05:15 PM

#### Chain of Custody

**Bill To Client:** Frontier Field Services Lab Use Only TAT **EPA Program** Project: timousine Receiver March AMT #1 Attention: Frontier Field Services Job Number Lab WO# 1D 2D 3D Standard CWA **SDWA** Project Manager: Travis Casey Address: 10077 Gorgan's Mills Rd Suite 300 E20101910 2080-00 X City, State, Zip The Woodlands, Tx 77380 Address: 508 West Stevens Street. Analysis and Method RCRA Phone: 575-703-7992 City, State, Zip Carlsbad, NM 88220 PH GRO/DRO/ORO by 575-689-5949 Phone: Email: AGroves@durangomidstream.com State Email: Travis.casey@wsp.com NM CO UT AZ 300.0 lista TX WW BTEX by 8021 VOC by 8260 Metals 6010 Report due by: 3 Day, 06/30/22 X Chloride BGDOC Lab Time Date No. of Matrix Sample ID 8015 Remarks Sampled Containers Sampled Number 6/27/22 FS04 @ 2ft 1 10:00 S Х Х Х 1 Composite 9:40 6/27/22 SW12 @2ft 2 S Х X X 1 Composite 9:45 6/27/22 SW15@4ft 3 S Х 1 Х X Composite FS31@3ft 4 9:50:00 06/27/22 Х S 1 Х Х Composite Additional Instructions: I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. date or time of collection is considered fraud and may be grounds for legal action. Sampled by Relinquished by: (Signature) Date lime Received by: (Signature Lab Use Only YYN Received on ice: Reinquished by: (Signature

Page 239 of 259

**T3** 

@ envirotech

AVG Temp °C

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above

Received by: (Signature)

samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Refinquished by: (Signature)

Date

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

Time





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





# envirotech

**Practical Solutions for a Better Tomorrow** 

# **Analytical Report**

# **Frontier Field Services**

Project Name: Mar

March AMT #1

Work Order: E207070

Job Number: 21080-0001

Received: 7/14/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 7/20/22

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: 7/20/22

Elliot Lee 10077 Grogan Mill Rd Ste 300 The Woodlands, TX 77380

Project Name: March AMT #1 Workorder: E207070 Date Received: 7/14/2022 2:30:00PM

Elliot Lee,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/14/2022 2:30:00PM, under the Project Name: March AMT #1.

The analytical test results summarized in this report with the Project Name: March AMT #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



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		Sample Sum	mary		
Frontier Field Services		Project Name:	March AMT #1		Reported:
10077 Grogan Mill Rd Ste 300		Project Number:	21080-0001		Keporteu:
The Woodlands TX, 77380		Project Manager:	Elliot Lee		07/20/22 12:08
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS06 @ 0.5 ft	E207070-01A	Soil	07/13/22	07/14/22	Glass Jar, 4 oz.
SS07 @ 0.5 ft	E207070-02A	Soil	07/13/22	07/14/22	Glass Jar, 4 oz.
SS08 @ 0.5 ft	E207070-03A	Soil	07/13/22	07/14/22	Glass Jar, 4 oz.
SS09 @ 0.5 ft	E207070-04A	Soil	07/13/22	07/14/22	Glass Jar, 4 oz.

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	Sa	imple D	ala			
Frontier Field Services	Project Name:		ch AMT #1			
10077 Grogan Mill Rd Ste 300	Project Numbe		30-0001			Reported:
The Woodlands TX, 77380	Project Manage	er: Ellio	ot Lee			7/20/2022 12:08:05PM
	S	806 @ 0.5 ft				
	]	E207070-01				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: RKS		Batch: 2229075
Benzene	ND	0.0250	1	07/15/22	07/18/22	
Ethylbenzene	ND	0.0250	1	07/15/22	07/18/22	
Toluene	ND	0.0250	1	07/15/22	07/18/22	
p-Xylene	ND	0.0250	1	07/15/22	07/18/22	
o,m-Xylene	ND	0.0500	1	07/15/22	07/18/22	
Total Xylenes	ND	0.0250	1	07/15/22	07/18/22	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	07/15/22	07/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: RKS		Batch: 2229075
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/22	07/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.0 %	70-130	07/15/22	07/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2229092
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/22	07/18/22	
Dil Range Organics (C28-C36)	ND	50.0	1	07/15/22	07/18/22	
Surrogate: n-Nonane		77.6 %	50-200	07/15/22	07/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2229089
Chloride	ND	20.0	1	07/15/22	07/15/22	

## Sample Data

	S	Sample D	ata			
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380	Project Name Project Num Project Mana	ber: 2108	ch AMT #1 80-0001 ot Lee			<b>Reported:</b> 7/20/2022 12:08:05PM
		SS07 @ 0.5 ft				
		E207070-02				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	nalyst: RKS		Batch: 2229075
Benzene	ND	0.0250	1	07/15/22	07/18/22	
Ethylbenzene	ND	0.0250	1	07/15/22	07/18/22	
Toluene	ND	0.0250	1	07/15/22	07/18/22	
o-Xylene	ND	0.0250	1	07/15/22	07/18/22	
p,m-Xylene	ND	0.0500	1	07/15/22	07/18/22	
Total Xylenes	ND	0.0250	1	07/15/22	07/18/22	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	07/15/22	07/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	nalyst: RKS		Batch: 2229075
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/22	07/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.8 %	70-130	07/15/22	07/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	nalyst: JL		Batch: 2229092
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/22	07/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/22	07/18/22	
Surrogate: n-Nonane		77.5 %	50-200	07/15/22	07/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	nalyst: RAS		Batch: 2229089
Chloride	ND	20.0	1	07/15/22	07/15/22	



	S	ample D	ata			
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380	Project Name Project Num Project Mana	ber: 210	ch AMT #1 80-0001 ot Lee			<b>Reported:</b> 7/20/2022 12:08:05PM
	;	SS08 @ 0.5 ft				
		E207070-03				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	nalyst: RKS	Batch: 2229075	
Benzene	ND	0.0250	1	07/15/22	07/18/22	
Ethylbenzene	ND	0.0250	1	07/15/22	07/18/22	
Toluene	ND	0.0250	1	07/15/22	07/18/22	
o-Xylene	ND	0.0250	1	07/15/22	07/18/22	
p,m-Xylene	ND	0.0500	1	07/15/22	07/18/22	
Total Xylenes	ND	0.0250	1	07/15/22	07/18/22	
Surrogate: 4-Bromochlorobenzene-PID		99.9 %	70-130	07/15/22	07/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	nalyst: RKS		Batch: 2229075
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/22	07/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.3 %	70-130	07/15/22	07/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	nalyst: JL		Batch: 2229092
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/22	07/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/22	07/18/22	
Surrogate: n-Nonane		75.3 %	50-200	07/15/22	07/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	nalyst: RAS		Batch: 2229089
Chloride	ND	20.0	1	07/15/22	07/16/22	



	S	ample D	ata			
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380	Project Name Project Num Project Mana	ber: 210	ch AMT #1 80-0001 ot Lee			<b>Reported:</b> 7/20/2022 12:08:05PM
	:	SS09 @ 0.5 ft				
		E207070-04				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ai	nalyst: RKS	Batch: 2229075	
Benzene	ND	0.0250	1	07/15/22	07/18/22	
Ethylbenzene	ND	0.0250	1	07/15/22	07/18/22	
Toluene	ND	0.0250	1	07/15/22	07/18/22	
o-Xylene	ND	0.0250	1	07/15/22	07/18/22	
p,m-Xylene	ND	0.0500	1	07/15/22	07/18/22	
Total Xylenes	ND	0.0250	1	07/15/22	07/18/22	
Surrogate: 4-Bromochlorobenzene-PID		98.5 %	70-130	07/15/22	07/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: RKS		Batch: 2229075
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/22	07/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.9 %	70-130	07/15/22	07/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ai	nalyst: JL		Batch: 2229092
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/22	07/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/22	07/18/22	
Surrogate: n-Nonane		83.0 %	50-200	07/15/22	07/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: RAS		Batch: 2229089
Chloride	ND	20.0	1	07/15/22	07/16/22	



# **QC Summary Data**

		2000		ing Data	·				
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380		Project Name: Project Number: Project Manager:	21	arch AMT #1 080-0001 liot Lee					<b>Reported:</b> 7/20/2022 12:08:05PM
		Volatile O	rganics b	oy EPA 8021	B				Analyst: RKS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
		0.0	0.0	0.0					
Blank (2229075-BLK1)						1	Prepared: 0	7/15/22 A	Analyzed: 07/18/22
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: 4-Bromochlorobenzene-PID	7.91		8.00		98.9	70-130			
LCS (2229075-BS1)						]	Prepared: 0	7/15/22 A	Analyzed: 07/18/22
Benzene	5.14	0.0250	5.00		103	70-130			
Ethylbenzene	4.46	0.0250	5.00		89.2	70-130			
Toluene	4.83	0.0250	5.00		96.5	70-130			
o-Xylene	4.75	0.0250	5.00		95.1	70-130			
p,m-Xylene	9.21	0.0500	10.0		92.1	70-130			
Total Xylenes	14.0	0.0250	15.0		93.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.06		8.00		101	70-130			
LCS Dup (2229075-BSD1)						]	Prepared: 0	7/15/22 A	Analyzed: 07/18/22
Benzene	5.08	0.0250	5.00		102	70-130	1.18	20	
Ethylbenzene	4.40	0.0250	5.00		88.1	70-130	1.28	20	
Toluene	4.77	0.0250	5.00		95.3	70-130	1.24	20	
o-Xylene	4.70	0.0250	5.00		94.1	70-130	1.03	20	
p,m-Xylene	9.09	0.0500	10.0		90.9	70-130	1.29	20	
Total Xylenes	13.8	0.0250	15.0		92.0	70-130	1.20	20	



# QC Summary Data

		$\mathbf{x} \in \mathbf{v}$		v					
Frontier Field Services		Project Name:	М	arch AMT #1					Reported:
10077 Grogan Mill Rd Ste 300		Project Number:	21	080-0001					
The Woodlands TX, 77380		Project Manager	:: El	liot Lee					7/20/2022 12:08:05PM
	No	onhalogenated (	Organics	by EPA 801	5D - Gl	RO			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limi	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2229075-BLK1)							Prepared: 0	7/15/22	Analyzed: 07/18/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.25		8.00		90.6	70-130			
LCS (2229075-BS2)							Prepared: 0	7/15/22	Analyzed: 07/18/22
Gasoline Range Organics (C6-C10)	44.9	20.0	50.0		89.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.33		8.00		91.6	70-130			
	7.33		8.00		91.6	70-130	Prepared: 0	7/15/22	Analyzed: 07/18/22
Surrogate: 1-Chloro-4-fluorobenzene-FID LCS Dup (2229075-BSD2) Gasoline Range Organics (C6-C10)	7.33	20.0	8.00		91.6	70-130	Prepared: 0 0.103	7/15/22	Analyzed: 07/18/22



# QC Summary Data

		QU N		ary Data	•				
Frontier Field Services 10077 Grogan Mill Rd Ste 300		Project Name: Project Number:		March AMT #1 21080-0001					Reported:
The Woodlands TX, 77380		Project Manager:	E	Elliot Lee					7/20/2022 12:08:05PM
	Nonh	alogenated Org	anics by	y EPA 8015D	- 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 (2229092-BLK1)							Prepared: 0	7/15/22 A	Analyzed: 07/18/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	38.2		50.0		76.3	50-200			
LCS (2229092-BS1)							Prepared: 0	7/15/22 A	Analyzed: 07/16/22
Diesel Range Organics (C10-C28)	520	25.0	500		104	38-132			
Surrogate: n-Nonane	43.8		50.0		87.6	50-200			
Matrix Spike (2229092-MS1)				Source: E	207070-	03	Prepared: 0	7/15/22 A	Analyzed: 07/16/22
Diesel Range Organics (C10-C28)	538	25.0	500	ND	108	38-132			
Surrogate: n-Nonane	50.9		50.0		102	50-200			
Matrix Spike Dup (2229092-MSD1)				Source: E	207070-	03	Prepared: 0	7/15/22 A	Analyzed: 07/16/22
Diesel Range Organics (C10-C28)	543	25.0	500	ND	109	38-132	0.886	20	
Surrogate: n-Nonane	47.2		50.0		94.3	50-200			



### **QC Summary Data**

		$\mathbf{x} \in \mathbf{v}$			-				
Frontier Field Services 10077 Grogan Mill Rd Ste 300 The Woodlands TX, 77380		Project Name: Project Number: Project Manager:	2	March AMT #1 21080-0001 Elliot Lee					<b>Reported:</b> 7/20/2022 12:08:05PM
		Anions l	by EPA	300.0/9056A					Analyst: RAS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2229089-BLK1)							Prepared: 0	7/15/22	Analyzed: 07/15/22
Chloride	ND	20.0							
LCS (2229089-BS1)							Prepared: 0	7/15/22	Analyzed: 07/15/22
Chloride	245	20.0	250		98.0	90-110			
Matrix Spike (2229089-MS1)				Source: I	E <b>207070-</b>	01	Prepared: 0	7/15/22	Analyzed: 07/15/22
Chloride	248	20.0	250	ND	99.2	80-120			
Matrix Spike Dup (2229089-MSD1)				Source: I	E <b>207070-</b> (	01	Prepared: 0	7/15/22	Analyzed: 07/15/22
Chloride	251	20.0	250	ND	100	80-120	1.00	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.



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Frontier Field Services	Project Name:	March AMT #1	
10077 Grogan Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Elliot Lee	07/20/22 12:08

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



Project Information	h
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Client: F	rontier Fie	ld Servic	es		Bill To				La	b Use	e On	ly	-	-		TA	AT		EPA Pr	ogram
Project:	March AN	1T # 1	-		Attention: Frontier Field S		Lab W	/0#				Numb		1D	2D	3D	Sta	ndard	CWA	SDWA
Project N	lanager:	Elliot Le	е		Address: 10077 Gorgan's M	1ills Rd Suite 300	Eac	70	221	0	210	80-	00	-	_			Х		
Address:			ens Street		City, State, Zip The Woodl	ands, Tx 77380				4	Analy	sis an	d Meth	od		_	_			RCRA
	e, Zip Ca			)	Phone: 575-703-7992		NHC	6			1.1									
hone:		25-1188		-	Email: AGroves@durangom	nidstream.com	/OBC												State	THE
	Elliot.Lee	Part of the second s	n				Cac		8021	60	6010	300.0		MN	×		1.1		UT AZ	ТХ
Report d		24hrs		1		Lab	108		by 8	y 82	s 60	de 3			1.2			×		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number		8015	BTEX by a	VOC by 8260	Metals (	Chloride	_	BGDOC	BGDOC				Remarks	
10:20	7/13/22	S	1		SS06 @ 0.5 ft			x	х			х						1	Discrete	
10:25	7/13/22	S	1		SS07 @ 0.5 ft	2		x	x			x							Discrete	
10:30	7/13/22	S	1		SS08 @ 0.5 ft	3		x	х			x							Discrete	
10:35	7/13/22	S	1		SS09 @ 0.5 ft	4		x	х			x							Discrete	
			+											+						
						0														
									-	_		_				1				_
adition	al Instruc	tions:																		
				ticity of this sample. I may be grounds for leg	am aware that tampering with or intentiona gal action. Sampled by:	Ily mislabelling the samp	le location	ı,			1000							n ice the day ti ubsequent da	hey are sample ys.	ed or received
CARL SALLS	ed by: (Signa	11 10 10 10 10 Mar 10 L	Date		1			ime		-				1	ah U	se Or	lv			
When	ant	P 0		13/2027 2:3	The start of the s	5 7-B	D		3	D	Rece	eived	on ice		D N					
	the second	FOMAN	Date	1-13-20 4	15 autho Ch	etc 7/141 Date	22	142 ime	a	7	<u>T1</u>	-		<u>T2</u>	-		_ 1	ТЗ		
elinquisni	d by: (Signa	iture)	Date	Time	Received by: (Signature)	Date	ľ	nne			AVG	Tem	p°C_4	7						
				queous, <b>O</b> - Other		Containe												100 m		-
					nless other arrangements are made. H								at the c	ient exp	ense.	The r	eport f	or the anal	ysis of the a	bove
amples is	applicable o	only to thos	e samples r	eceived by the labo	ratory with this COC. The liability of the	e laboratory is limited t	o the am	ount	paid t	tor on	the r	eport.			_		-			
										1	0	5		-	-	-		-	te	-
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### **Envirotech Analytical Laboratory**

#### Sample Receipt Checklist (SRC)

tructions: Please take note of any NO checkmarks		Receipt	Checklist (SRC)			
e receive no response concerning these items withit	n 24 hours of the date of this not	ice, all the	samples will be analyze	ed as request	ed.	
Client: Frontier Field Services	Date Received:	07/14/22	2 14:30		Work Order ID:	E207070
Phone: (575) 676-3500	Date Logged In:	07/14/22	15:09		Logged In By:	Caitlin Christian
Email: Elliot.Lee@wsp.com	Due Date:	07/20/22	2 17:00 (4 day TAT)			
Chain of Custody (COC)						
. Does the sample ID match the COC?		Yes				
2. Does the number of samples per sampling site	e location match the COC	Yes				
3. Were samples dropped off by client or carrier		Yes	Carrier: Cour	rier		
4. Was the COC complete, i.e., signatures, dates	/times, requested analyses?	Yes	cumor. <u>cour</u>			
5. Were all samples received within holding tim	e?	Yes				
Note: Analysis, such as pH which should i.e, 15 minute hold time, are not included					<u>Commen</u>	ts/Resolution
Sample Turn Around Time (TAT)						
5. Did the COC indicate standard TAT, or Exped	lited TAT?	Yes				
Sample Cooler						
7. Was a sample cooler received?		Yes				
3. If yes, was cooler received in good condition	?	Yes				
9. Was the sample(s) received intact, i.e., not brook	oken?	Yes				
0. Were custody/security seals present?		No				
1. If yes, were custody/security seals intact?		NA				
2. Was the sample received on ice? If yes, the record Note: Thermal preservation is not require minutes of sampling	d, if samples are received w/i 15	Yes				
3. If no visible ice, record the temperature.	Actual sample temperature: 4 <sup>c</sup>	<u>°C</u>				
Sample Container						
4. Are aqueous VOC samples present?		No				
5. Are VOC samples collected in VOA Vials?		NA				
6. Is the head space less than 6-8 mm (pea size		NA				
7. Was a trip blank (TB) included for VOC ana		NA				
8. Are non-VOC samples collected in the corre		Yes				
9. Is the appropriate volume/weight or number of	sample containers collected?	Yes				
Field Label						
20. Were field sample labels filled out with the Sample ID?	minimum information:	Yes				
Date/Time Collected?		Yes				
Collectors name?		No				
Sample Preservation						
21. Does the COC or field labels indicate the sat	mples were preserved?	No				
22. Are sample(s) correctly preserved?		NA				
24. Is lab filteration required and/or requested for	or dissolved metals?	No				
<u>Multiphase Sample Matrix</u>						
26. Does the sample have more than one phase,	i.e., multiphase?	No				
27. If yes, does the COC specify which phase(s)	-	NA				
Subcontract Laboratory						
28. Are samples required to get sent to a subcon	tract laboratory?	No				
29. Was a subcontract laboratory specified by th	-	NA	Subcontract Lab: na	a		
<u>Client Instruction</u>						

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



envirotech Inc.

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Released to Imaging: 10/12/2022 3:05:15 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

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Incident ID	nAPP2210823181
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 agroves@durangomidstream.com	Incident # (assigned by OCD)	

### Location of Release Source

Latitude	32.63041	Longitude -104.54638	
	(NA	D 83 in decimal degrees to 5 decimal places)	
Site Name M	arch AMT #1	Site Type Pipeline	
Date Release Discovered 4/15/2022		API# (if applicable)	

Unit Letter	Section	Township	Range	County
L	25	19S	24E	Eddy

Surface Owner: State Federal Tribal Private (Name:

### Nature and Volume of Release

Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
Produced Water	Volume Released (bbls) 15.08	Volume Recovered (bbls) 0
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	Yes No
Condensate	Volume Released (bbls)	Volume Recovered (bbls)
🛛 Natural Gas	Volume Released (Mcf) 3.22	Volume Recovered (Mcf) 0
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

ze 2	Oil Conservation Division	District RP Facility ID	
		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 part	y consider this a major release?	
If YES, was immediate not	ice given to the OCD? By whom? To whom? Who	en and by what means (phone, o	email. etc)?

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

 $\boxtimes$  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: AMDER GID-G	Date: <u>4/18/2022</u>
email: <u>agroves@durangomidstream.com</u>	Telephone: <u>(575)703-7992</u>
OCD Only	
Received by:	Date:

Soil Type	Porosity	Length	Width	Depth (.083 per inch)	Cubic Feet	Estimated Barrels	Soil Type
Clay	0.15				0	0.00	Clay
Peat	0.40				0	0.00	Peat
Glacial Sediments	0.13				0	0.00	Glacial Sediments
Sandy Clay	0.12				0	0.00	Sandy Clay
Silt	0.16				0	0.00	Silt
Loess	0.25				0	0.00	Loess
Fine Sand	0.16				0	0.00	Fine Sand
Medium Sand	0.25				0	0.00	Medium Sand
Coarse Sand	0.26				0	0.00	Coarse Sand
Gravely Sand	0.26				0	0.00	Gravely Sand
Fine Gravel	0.26				0	0.00	Fine Gravel
Medium Gravel	0.20				0	0.00	Medium Gravel
Coarse Gravel	0.18	1			0	0.00	Coarse Gravel
Sandstone	0.25				0	0.00	Sandstone
Siltstone	0.18				0	0.00	Siltstone
Shale	0.05				0	0.00	Shale
Limestone	0.13	1400	1	0.3	420	9.73	Limestone
Basalt	0.19				0	0.00	Basalt
Volcanic Tuff	0.20				0	0.00	Volcanic Tuff
Standing Liquids	Х	6	10	0.5	30	5.35	Standing Liquids

1	2	3	4	5	6
0.083	0.166	0.250	0.332	0.415	0.500
7	8	9	10	11	12

NOTE: This is an <u>estimate</u> tool designed for quick field estimates of whether a C-141 should be requred (*I.e. a release is estimated to be greater than or less than 5 barrel volumes*)

Choose the one prevailing ground type for estimating spill volumes at a single location.

Note that the depth should be measured in feet and tenths of feet (1 inch = .083)

Cubic Feet = L x W x D Estimated Barrels = ((Cubic Feet x Porosity) / 5.61)

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	132721
	Action Type:
	[C-141] Release Corrective Action (C-141)

#### CONDITIONS

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

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Action 132721