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

State of New Mexico
Energy Minerals and Natural Resources Department

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

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

Incident ID	NRM2026544514
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: DJR Operating, LLC	OGRID 371838
Contact Name: Larissa Farrell	Contact Telephone 505-444-0289
Contact email: lfarrell@djrllc.com	Incident # *(assigned by OCD)*
Contact mailing address 1 Road 3263 Aztec, NM 87410	

Location of Release Source

Latitude 36.28136 Longitude -107.78415
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Nageezi Unit 222H	Site Type Well Site
Date Release Discovered: 3/27/2020	API# *(if applicable)* 30-045-35480

Unit Letter	Section	Township	Range	County
M	27	24N	9W	San Juan

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

Nature and Volume of Release

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

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) 1 bbl	Volume Recovered (bbls) .5 bbl
	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)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: Separator water dump line to the production tank had a leak in which 1 bbl of fluid was release. The pipe comes from the separator to the tank underground. The area was delineated to determine impact and it was determined that this was not reportable. The dump line has been redirected to above ground.

State of New Mexico
Oil Conservation Division

Incident ID	NRM2026544514
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Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☒ No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

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

☒ 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: __Larissa Farrell_____ Title: __Regulatory Specialist_____

Signature: _____ Date: __9/14/2020_____

email: _lfarrell@djrllc.com_____ Telephone: _505-444-0289_____

OCD Only

Received by: _____Ramona Marcus_____ Date: _9/21/2020____

State of New Mexico
Oil Conservation Division

Incident ID	NRM2026544514
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

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

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

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

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

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

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	NRM2026544514
District RP	
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I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: _Larissa Farrell_____ Title: __Regulatory Specialist_____

Signature:_____ Date: _9/14/2020_____

email: _lfarrell@djrllc.com_____ Telephone: __505-444-0289_____

OCD Only

Received by: __Ramona Marcus_____ Date: __9/21/2020____

State of New Mexico
Oil Conservation Division

Incident ID	NRM2026544514
District RP	
Facility ID	
Application ID	

Remediation Plan

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

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

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

☒ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.

☒ Extents of contamination must be fully delineated.

☒ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: Larissa Farrell Title: Regulatory Specialist

Signature: Larissa Farrell Date: 9/14/2020

email: lfarrell@djrllc.com Telephone: 505-444-0289

OCD Only

Received by: Ramona Marcus Date: 9/21/2020

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

Signature: Date:

State of New Mexico
Oil Conservation Division

Incident ID	NRM2026544514
District RP	
Facility ID	
Application ID	

Closure

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

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

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

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

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

☒ Description of remediation activities

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

Printed Name: _Larissa Farrell_____ Title: __Regulatory Specialist_____

Signature: _____ Date: _9/14/2020_____

email: _lfarrell@djrllc.com_____ Telephone: ___505-444-0289_____

OCD Only

Received by: Ramona Marcus Date: 9/21/2020

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: _____ Date: _____

Printed Name: _____ Title: _____

envirotech

NRM2026544514

July 8, 2020 Project #17035-0210

Ms. Larissa Farrell
DJR Operating, LLC
1 Road 3263
Aztec, New Mexico 87410
Phone: (505) 632-3476
E-mail: lfarrell@djrllc.com

RE: SPILL DELINEATION REPORT FOR THE NAGEEZI 222H WELL SITE, SAN JUAN COUNTY, NEW MEXICO

Dear Ms. Farrell,

Enclosed please find the *Spill Delineation Report* detailing delineation activities conducted at the Nageezi 222H well site, San Juan County, New Mexico.

We appreciate the opportunity to be of service. If you have any questions or require additional information, please contact our office at (505) 632-0615.

Respectfully Submitted,
ENVIROTECH, INC.

Brittany Hall

Brittany Hall
Environmental Field Technician
bhall@envirotech-inc.com

Enclosure: *Spill Delineation Report*

Cc: Client File Number 17035

Spill Delineation Report

Nageezi 222H Well Site

API 30-045-35480

Attn: Ms. Larissa Farrell
DJR Operating, LLC
1 Road 3263
Aztec, New Mexico 87410

Project #17035-0210
July 16, 2020

Prepared By:

envirotech
(505) 632-0615 envirotech-inc.com

DJR OPERATING, LLC.
SPILL DELINEATION REPORT
NAGEEZI 222H WELL SITE
SAN JUAN COUNTY, NEW MEXICO

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Practical Solutions for a Better Tomorrow

Introduction

Envirotech, Inc. (Envirotech) of Farmington, New Mexico, was retained by DJR Operating, LLC (DJR) to provide release assessment and spill delineation activities for a produced water release that occurred at the Nageezi 222H well site (API: 30-045-35480) located in Section 27, Township 24 North, Range 9 West, San Juan County, New Mexico; see enclosed **Figure 1, *Vicinity Map.***

Siting Criteria Documentation

Prior to mobilization to the site, research was conducted to determine the release closure criteria that would be applicable to the location. Based on siting criteria research, the depth to groundwater was determined to be greater than 100 feet below ground surface (bgs). Therefore, the following New Mexico Oil Conservation Division (NMOCD) closure criteria from *Table 1 in 19.15.29.12 NMAC* was used as the release closure criteria:

Depth to Groundwater	Constituent	Method	Limit
≥100 feet	Chloride	EPA 300.0	20,000 mg/kg
	Total Petroleum Hydrocarbons (TPH) as Gasoline + Diesel Range Organics (GRO+DRO)	EPA Method 8015D	1,000 mg/kg
	TPH as GRO+DRO + ORO (Oil Range Organics)	EPA Method 8015D	2,500 mg/kg
	Benzene, Toluene, Ethylbenzene, and Total Xylenes (BTEX)	EPA Method 8021B	50 mg/kg
	Benzene	EPA Method 8021B	10 mg/kg

Siting criteria documentation for the subject well site is provided in **Appendix A, *Siting Criteria Documentation.***

Initial Site Delineation Activities- May 15, 2020

The subject release was discovered on May 7, 2020 and was initially reported to consist of more than 25 barrels (bbl) of produced water. However, upon further investigation of the data and visual observations of the release, DJR notified NMOCD that the subject release was less than 1 bbl of produced water. To confirm this notification, NMOCD requested that DJR delineate the release to show that it did consist of less than 1 bbl. Prior to field activities, an underground utility locate request was submitted to New Mexico 811 on May 12, 2020. Copies of the notification is provided in **Appendix B, *Notifications***.

Envirotech personnel arrived at the site on May 15, 2020, to conduct spill delineation activities. Upon arrival, a job safety analysis (JSA) and site assessment were performed before delineation activities commenced. Utilizing a hand auger, five (5) soil borings were advanced into the subsurface in proximity of the subject release area. The soil borings were installed approximately 4 feet from the release point in the four (4) cardinal directions and within the area of visibly stained soil, central to the release area.

Delineation activities are documented in the enclosed **Figure 2, *Site Map*** and **Appendix C, *Photography Log***.

Field Screening

Soil samples were collected at 2-foot intervals in each boring for field screening except for the center sample which was screened at 2 feet and 3 feet below ground surface (bgs). Auger refusal was experienced at 3 feet. Screening was conducted for volatile organic compounds (VOCs) utilizing a photo-ionization detector (PID) organic vapor meter (OVM). Before beginning field screening, the PID-OVM was first calibrated with 100 parts per million (ppm) isobutylene gas. To guide the delineation efforts, the soil samples were also field screened for chlorides using a Hach Chloride Test Kit.

Based on highest field screened VOC concentrations, three samples, Center @ 2', Center @ 3', and South @ 4', were selected for field analysis of TPH per EPA Method 418.1. TPH analysis was conducted utilizing an Infracal Total Oil and Gas (TOG)/ TPH Analyzer, which was calibrated prior to conducting soil analyses. Field analytical protocol followed the manufacture's operating procedure. Field screening results are documented in **Appendix D, *Field Notes with EPA 418.1 Reports.***

Delineation Soil Sample Collection

Per *19.15.29.11(A)(5)(d) NMAC* two (2) soil samples were to be submitted for laboratory analysis from each borehole from the highest observed contamination and deepest depth investigated. The following soil samples from the borings were submitted for laboratory analysis:

- Center @ 2'
- Center @ 3'
- North @ 2'
- North @ 4'
- West @ 2'
- West @4'
- East @ 2'
- East @ 4'
- South @ 2'
- South @ 4'

The samples were placed into individual laboratory provided 4-ounce jars, capped head space free, and transported on ice to Envirotech Analytical Laboratory. The samples were analyzed for TPH as GRO/DRO/ORO using EPA Method 8015D; BTEX using EPA Method 8021B; and chlorides using EPA Method 300.0.

Delineation Laboratory Analytical Results

The laboratory analytical results were compared to the applicable release closure criteria discussed above and reclamation criteria provided in *19.15.29.13 (D) NMAC*, which includes:

Constituent	Method	Limit
Chloride	EPA 300.0	600 mg/kg
TPH as GRO+DRO + ORO	EPA Method 8015D	100 mg/kg
Benzene, Toluene, Ethylbenzene, and Total Xylenes (BTEX)	EPA Method 8021B	50 mg/kg
Benzene	EPA Method 8021B	10 mg/kg

The laboratory analytical results were below laboratory detection limits, applicable release closure criteria, and applicable reclamation criteria for BTEX and benzene in all soil samples analyzed. Chloride concentrations were below the release closure criteria in all samples collected but above reclamation criteria in all samples collected except for the sample identified as East @ 4'. Chloride concentrations ranged from 308 mg/kg in East @ 4' to 2,850 mg/kg in Center @ 2'.

TPH concentrations were above the release closure criteria and reclamation criteria in the samples identified as Center @ 2' (12,827 mg/kg) and Center @ 3' (13,365 mg/kg). All other soil samples reported concentrations of TPH below laboratory detection limits. Laboratory analytical results are appended in the enclosed **Table 1, *Summary of Soil Analytical Results*** and **Appendix E**, ***Laboratory Analytical Reports***.

Spill Delineation Activities- June 25, 2020

Based on previous assessment activities, DJR personnel excavated the visibly stained soil from around the source pipeline. The excavation measured approximately 4 feet by 5 feet by 4 feet deep. All visibly stained soil was removed (approximately 3 yards), and the excavation was backfilled due to safety concerns regarding the integrity of the wall in proximity to the tank.

Furthermore, the spill area had been horizontally delineated per the release closure criteria for all contaminants of concern; however, the vertical delineation was still undetermined. Envirotech personnel returned to the site on June 25, 2020, to assess the vertical extent of the spill. Using a

hand auger, one (1) soil boring was advanced to a total depth of 5 feet in the center of the release area at which auger refusal was encountered due to a sandstone contact. In addition, the original surrounding soil borings were extended to a total depth of 5 feet. Auger refusal was met at 5 feet in all boreholes. Site activities are documented in **Figure 2, *Site Map*** and **Appendix C, *Photography Log.***

Field Screening

Soil samples were collected from all five (5) boreholes at 4.5 feet and 5 feet for field screening since previous investigations completed the investigation from surface to 4 feet bgs. Screening activities were conducted for VOCs utilizing the aforementioned procedure, and confirmation samples were collected for laboratory analysis. Field screening results are documented in **Table 1** and **Appendix D.**

Delineation Laboratory Analytical Results

Soil samples were collected for laboratory analysis were placed into individual laboratory provided 4-ounce glass jars, capped head space free, and transported on ice to Envirotech Analytical Laboratory. Samples were analyzed for constituents discussed in the sections above. The laboratory analytical results were compared to the applicable release closure criteria referenced in the section above. Samples were not compared to the reclamation criteria due to the samples being collected greater than 4 feet bgs.

The laboratory analytical results were below applicable release closure criteria for BTEX, benzene, TPH, and chlorides in all soil samples analyzed. Laboratory analytical results are summarized in **Table 1** and **Appendix E**.

Summary and Conclusions

Based on release assessment activities and laboratory analytical results, the impact of the release is concentrated near the point source and is representative of a small volume release (less than 1 bbl).

Envirotech recommends requesting concurrence from NMOCD that the release volume was less than 1 bbl and therefore not a reportable release. Residual contaminants of concern are below applicable release closure criteria. The subject well site is an active well site and upon closure of the site or a tank removal event, DJR will complete all reclamation activities in accordance with *19.15.29.13 NMAC.*

STATEMENT OF LIMITATIONS

The work and services provided by Envirotech were in accordance with NMOCD standards. All observations and conclusions provided here are based on the information and current site conditions found at the site of the incident. This work has been conducted and reported in accordance with generally accepted professional practices in geology, engineering, environmental chemistry, and hydrogeology.

We appreciate the opportunity to be of service. If you have any questions or if you need additional information, please contact our office at (505) 632-0615.

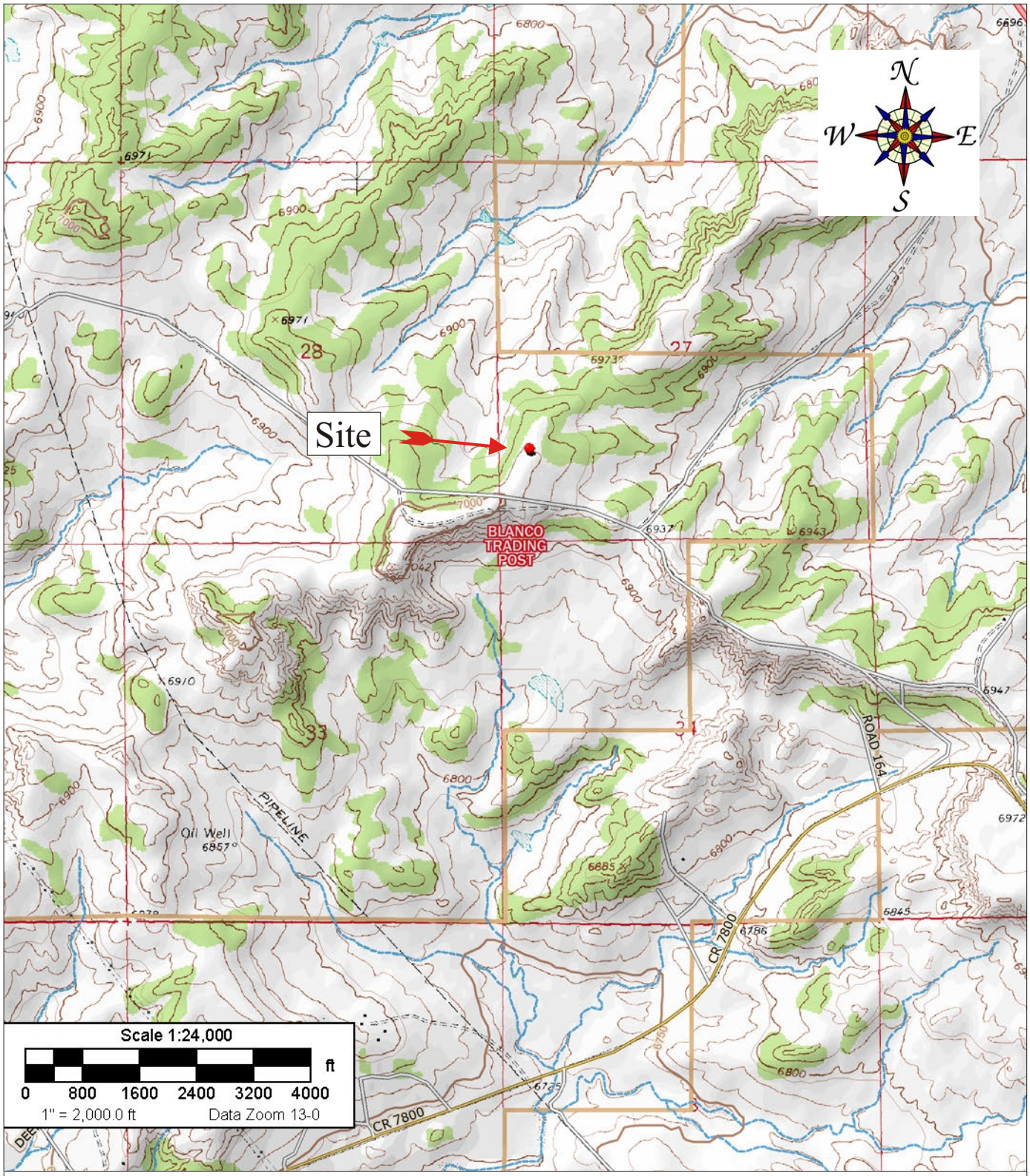
Respectfully submitted,
ENVIROTECH, INC.

Reviewed by:

Brittany Hall
Environmental Field Technician
bhall@envirotech-inc.com

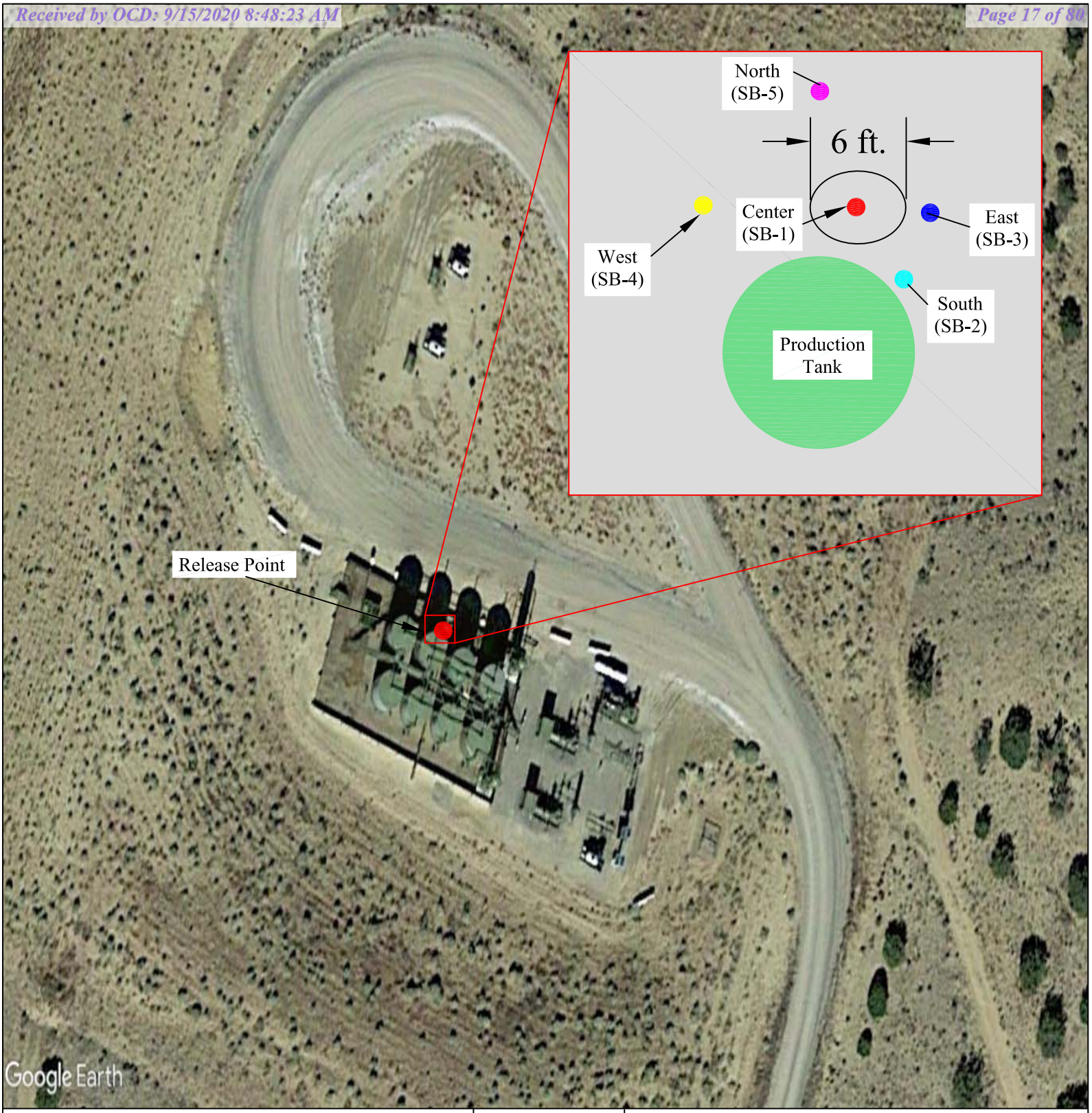
Felipe Aragon, CHMM, CES
Environmental Assistant Manager
faragon@envirotech-inc.com

FIGURES



Source: 7.5 Minute, Blanco Trading Post, New Mexico U.S.G.S. Topographic Quadrangle Map
Scale: 1:24,000 1" = 2,000

DJR Operating, LLC Nageezi 222H Well Site API #30-045-35480 Section 27, Township 24N, Range 9W San Juan County, New Mexico 36.28136, -107.78415	envirotech ENVIRONMENTAL SCIENTISTS & ENGINEERS 5796 U.S. HIGHWAY 64 Farmington, New Mexico 87401 505.632.0615	Vicinity Map Figure #1	
Project Number: 17035-0210 / Date Drawn: 6/3/2020		DRAWN BY: Brittany Hall	PROJECT MANAGER: Felipe Aragon



Legend

- Center (SB-1)
- East (SB-3)
- West (SB-4)
- South (SB-2)
- North (SB-5)
- Excavation

MAP DRAWN BY:
BAH
6/3/2020

REVISIONS BY:
NAME
DATE

APPROVED BY:
NAME
DATE

Scale
1"= 60'
0 15 30 60

Figure 2, Site Map

DJR Operating, LLC.
Nageezi 222H Well Site
API# 30-045-35480
Section 27, Township 24N, Range 9W
36.28136, -107.78415
Project #17035-0210

envirotech
5796 U.S. HIGHWAY 64, FARMINGTON, NM 87401 505-632-0615

TABLES

Table 1, Summary of Soil Analytical Results

Table 1, Summary of Soil Analytical Results
DJR Operating, LLC
Site Delineation Report
Nageezi 222H; API: 30-045-35480
Section 27, Township 24N, Range 9W
San Juan County, New Mexico
Project #17035-0210

Sample Description	Date	Sample Depth	OVM-PID Reading (ppm)	EPA Method 8015			EPA Method 8021		EPA Method 300.0
				GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	Benzene (mg/kg)	Total BTEX (mg/kg)	Chlorides (mg/kg)
NMOCD Reclamation Criteria (19.15.29.13 (D) NMAC)				*100 mg/kg*			*10 mg/kg*	*50 mg/kg*	*600 mg/kg*
NMOCD Release Closure Criteria (Table 1 - 19.15.29.12 NMAC)				*1,000 mg/kg*					*20,000 mg/kg*
				2,500 mg/kg					
Center @ 2'	5/15/2020	2 feet	41.1	**26.7**	**9,410**	**3,390**	<0.025	0.8618	**2,850**
Center @ 3'		3 feet	1,504	**155**	**9,890**	**3,320**	0.262	8.86	**2,390**
North @ 2'		2 feet	3.4	<20.0	<25.0	<50.0	<0.025	<0.1	**887**
North @ 4'		4 feet	3.3	<20.0	34.8	<50.0	<0.025	<0.1	**1,610**
East @ 2'		2 feet	10.2	<20.0	<25.0	<50.0	<0.025	<0.1	**1,760**
East @ 4'		4 feet	21.4	<20.0	<25.0	<50.0	<0.025	<0.1	308
South @ 2'		2 feet	12.2	<20.0	<25.0	<50.0	<0.025	<0.1	**1,770**
South @4'		4 feet	26.5	<20.0	<25.0	<50.0	<0.025	<0.1	**1,360**
West @ 2'		2 feet	15.0	<20.0	<25.0	<50.0	<0.025	<0.1	**1,420**
West @ 4'		4 feet	12.8	<20.0	<25.0	<50.0	<0.025	<0.1	**1,760**
SB-1 @ 4.5 ft	6/25/2020	4.5 feet	2,160	<20.0	<25.0	<50.0	<0.025	<0.1	1,110
SB-1 @ 5 ft		5 feet	2,037	<20.0	140	58.8	<0.025	0.0954	967
SB-2 @ 4.5 ft		4.5 feet	22.3	<20.0	<25.0	<50.0	<0.025	<0.1	1,300
SB-2 @ 5 ft		5 feet	30.0	<20.0	<25.0	<50.0	<0.025	<0.1	1,330
SB-3 @ 4.5 ft		4.5 feet	3.4	<20.0	<25.0	<50.0	<0.025	<0.1	1,600
SB-3 @ 5 ft		5 feet	3.4	<20.0	<25.0	<50.0	<0.025	<0.1	1,320
SB-4 @ 4.5 ft		4.5 feet	3.5	<20.0	<25.0	<50.0	<0.025	<0.1	495
SB-4 @ 5 ft		5 feet	11.4	<20.0	<25.0	<50.0	<0.025	<0.1	928
SB-5 @ 4.5 ft		4.5 feet	16.0	<20.0	<25.0	<50.0	<0.025	<0.1	1,040
SB-5 @ 5 ft		5 feet	0.1	<20.0	<25.0	<50.0	<0.025	<0.1	1,280

BOLD - above release and reclamation criteria; **BOLD** - above reclamation critieria and below release closure criteria

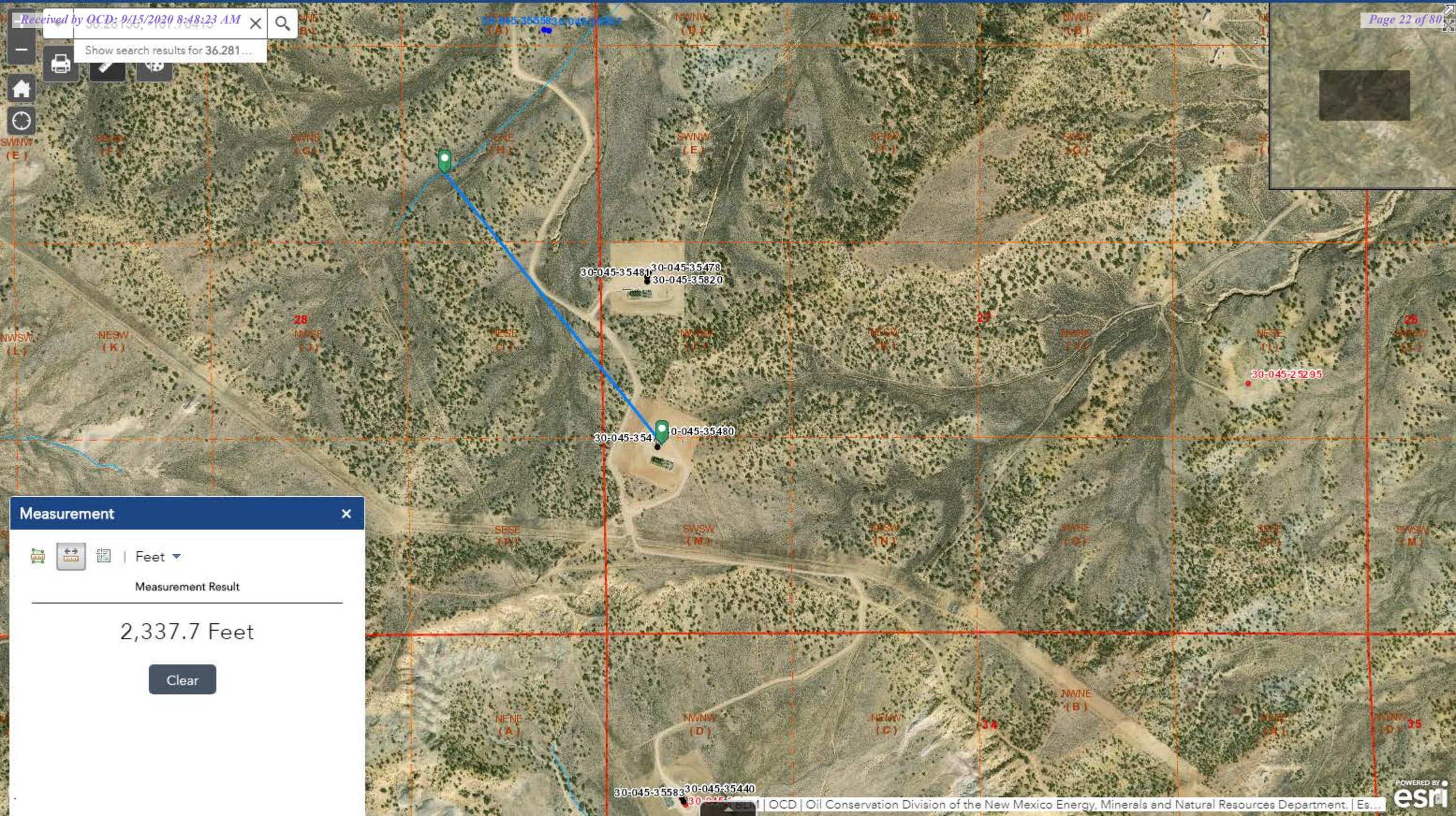
envirotech

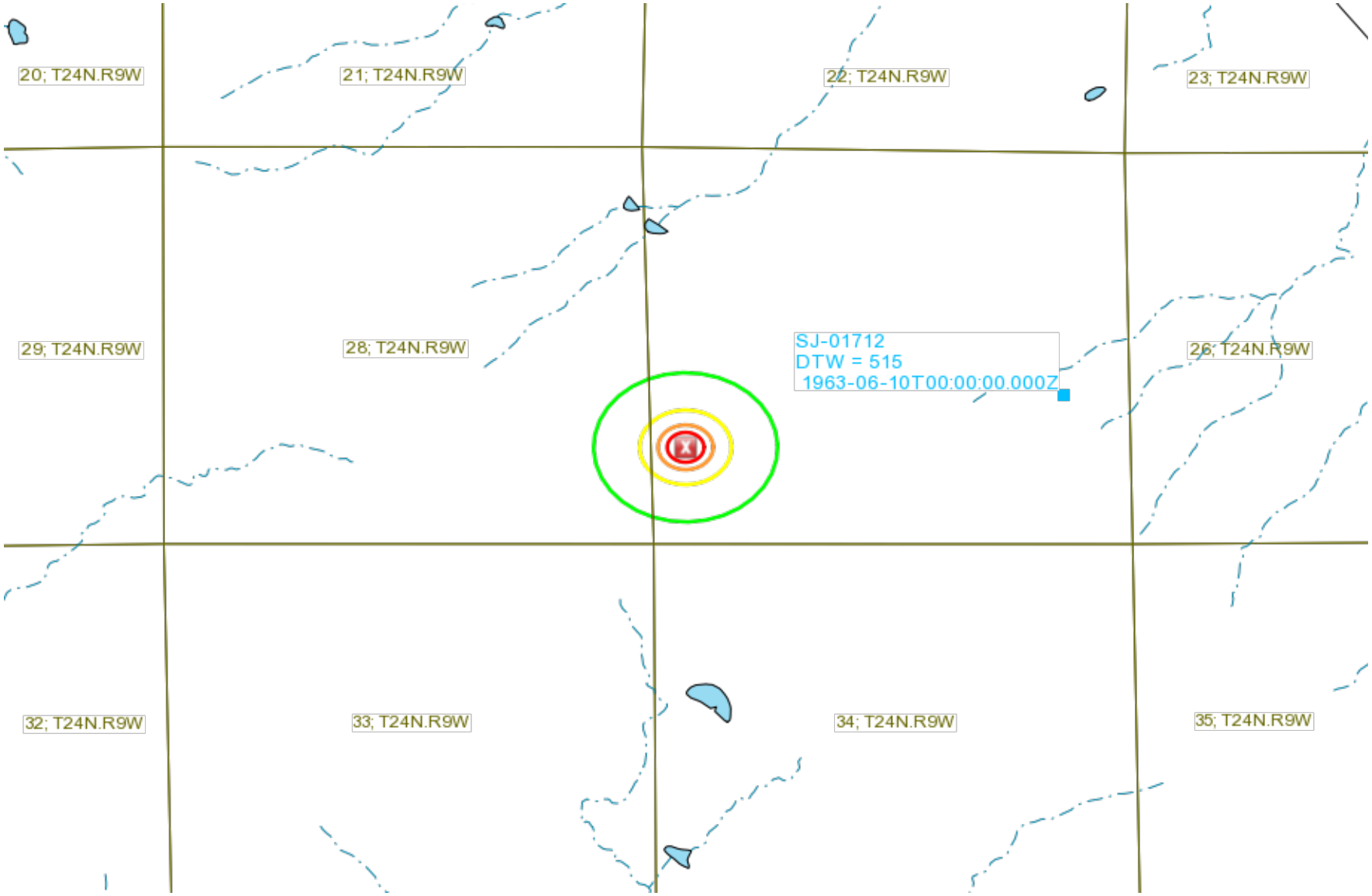
Practical Solutions for a Better Tomorrow

APPENDIX A

Siting Criteria Documentation

Site Name:	**Nageezi 222H**			
API #:	30-045-35480			
Lat/Long:	36.28136, -107.78415			
TRS:	Sec 27 T24N R9W			
Land Jurisdiction:	BLM			
County:	San Juan			
Wellhead Protection Area Assessment				
Water Source Type (well/spring/stock pond)	**ID**	**Latitude**	**Longitude**	**Distance**
None				
Distance to Nearest Significant Watercourse				
2,337 feet to "blue line" unnamed dry arroyo				
Depth to Groundwater Determination				
Cathodic Report/Site Specific Hydrogeology	Not available			
Elevation Differential				
Water Wells	SJ 011712- DTW=515 ft			
Sensitive Receptor Determination				
<300' of any continuously flowing watercourse or any other significant watercourse				No
<200' of any lakebed, sinkhole or playa lake (measured from the Ordinary High Water Mark)				No
<300' of an occupied permanent residence, school, hospital, institution or church				No
<500' of a spring or private/domestic water well used by <5 households for domestic or stock watering purposes				No
<1000' of any water well or spring				No
Within incorporated municipal boundaries or within a defined municipal fresh water well				No
<300' of a wetland				No
Within the area overlying a subsurface mine				No
Within an unstable area				No
Within a 100-year floodplain				No
DTW Determination	**≤50** ☐	**50-100** ☐	**>100** ☑	
Benzene	**10**	**10**	**10**	
BTEX (mg/kg)	**50**	**50**	**50**	
8015 TPH (GRO/DRO) (mg/kg)	**Not Applicable**	**1,000**	**1,000**	
8015 TPH (GRO/DRO/MRO) (mg/kg)	**100**	**2,500**	**2,500**	
Chlorides (mg/kg)	**600**	**10,000**	**20,000**	


Show search results for 36.281...
30-045-35481
30-045-35478
30-045-35820
30-045-35480
30-045-25295
30-045-35583
30-045-35440
Measurement
Feet
Measurement Result
2,337.7 Feet
Clear
OCD | Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department. | Es...
POWERED BY esri



Petroleum Recovery Research Center	Map title	Figure: ##
	Client name/project name	Jun 03, 2020

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

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Twn	Rng	X	Y	DepthWell	DepthWater	Water Column
SJ 01712		SJ	SJ	2	4		27	24N	09W	251195	4018933*	528	515	13

Average Depth to Water: **515 feet**

Minimum Depth: **515 feet**

Maximum Depth: **515 feet**

Record Count: 1

PLSS Search:

Section(s): 27 **Township:** 24N **Range:** 09W

***UTM location was derived from PLSS - see Help**

6/3/20 1:07 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

APPENDIX B

Notifications

From: eticket@nm811.org
To: enviro admin
Subject: NM811 Ticket Confirmation: 20JN220452
Date: Monday, June 22, 2020 11:43:56 AM

NM811 LOCATE REQUEST

TICKET NUMBER:	20JN220452	Update of:	
Ticket Type:	Standard Locate	For Code:	AUTOEMAIL
Creation Date:	06/22/20 11:43	Seq Num:	1

Excavator Information

Company:	Envirotech	Main Contact Phone:	(505) 632-0615
Address:	5796 Hwy 64	Secondary Phone:	
City, St, Zip:	Farmington, NM 87401	Main Contact Email:	enviroadmin@envirotech-inc.com
Company Phone:	(505) 632-0615	Alternate Contact:	Tami Knight
Company Fax:		Alternate Contact Phone:	505-632-0615
Main Contact:	Lisa Sisson	Alternate Contact Email:	bhall@envirotech-inc.com

Work Information

State:	NM	Work To Begin:	06/24/20 AT 11:45
County:	SAN JUAN	Expire Date:	07/16/20 AT 11:45
Place:	RURAL SAN JUAN		
Address:	Nageezi Unit 222 H Well Site		
Intersection:	*		
Latitude:	36.280674	Longitude:	-107.784824
Secondary Lat:	36.282033	Secondary Long:	-107.783465
Work Type:	Bore-Auger - Soil Sample	Working For:	DJR Operating
Pre-marked:	No	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

From Bloomfield, New Mexico travel south on Highway 550 for approximately 32 miles. Turn right on to unnamed dirt road. Follow road for 0.43 miles across the intersection and stay left at Y heading south. Travel southbound for 2.21 miles, location will be on the left

Spotting Instructions

Spot 200 feet radius around tank battery

Remarks

GPS: 36.28136, -107.78415

TRSQ: [W8T24NR09WS27SW] [W8T24NR09WS28SE]

Utilities Notified:

Code	Name	Manually Added
DJRGOM	DJR OPERATING. LLC - GHOST MIDSTREAM	False
MAPL1	ENTERPRISE PROD. (MID-AMERICA P/L) - SAN JUAN	False

From: ecalladmin@eprod.com
To: enviro admin
Subject: Ticket 20JN220452 for MAPL1 - Status Change
Date: Monday, June 22, 2020 12:01:41 PM

Our records indicate you called in dig request **20JN220452** at **NAGEEZI UNIT 222 H WELL SITE, RURAL SAN JUAN, NM**.

This email is a status update relating to ticket number **20JN220452** for code **MAPL1**.

Ticket:	**20JN220452**
Member Code:	**MAPL1**

Facility	Work Performed	Action Code
Pipeline	**Cleared**	

Excavator Information	
Company:	**ENVIROTECH**
Work to begin on:	**6/24/2020 11:45:00 AM**
County:	**SAN JUAN**
City:	**RURAL SAN JUAN**
Address:	**NAGEEZI UNIT 222 H WELL SITE**
Contact:	**LISA SISSON**
Phone:	**5056320615**

Ticket Completed on:	**6/22/2020 11:57:16 AM**
Response from MAPL1:	**Clear**
Notes from MAPL1:	**Cleared by google bing and kw pipeline is south 488ft of radius**

If your activity might affect or impact Enterprise Products Operating LLC assets, or the information provided changes, or the information is incorrect or incomplete, you cannot proceed with your activity. Immediately contact Enterprise Products ECall Center at 877-243-2255. For more information about our Damage Prevention Program and our Encroachment Guidelines, please go to: www.enterpriseproducts.com/pipeline-safety/pipeline-safety-brochures

---

TRSQ: [W8T24NR09WS27SW] [W8T24NR09WS28SE]

Utilities Notified:

Code	Name	Manually Added
DJRGOM	DJR OPERATING. LLC - GHOST MIDSTREAM	False
MAPL1	ENTERPRISE PROD. (MID-AMERICA P/L) - SAN JUAN	False

APPENDIX C

Site Photography

SITE PHOTOGRAPHY
SITE DELINEATION REPORT
DJR OPERATING, LLC.
NAGEEZI 222H WELL SITE
PROJECT #17035-0210
MAY – JUNE 2020

Picture 1: View of Well Site Sign


Picture 2: View of Release

SITE PHOTOGRAPHY
SITE DELINEATION REPORT
DJR OPERATING, LLC.
NAGEEZI 222H WELL SITE
PROJECT #17035-0210
MAY – JUNE 2020

Picture 3: View of Center Bore Hole

Picture 4: View of North, East, and West Bore Holes (looking East)

SITE PHOTOGRAPHY
SITE DELINEATION REPORT
DJR OPERATING, LLC.
NAGEEZI 222H WELL SITE
PROJECT #17035-0210
MAY – JUNE 2020

Picture 5: View of South Bore Hole

June 25, 2020

Picture 6: View of SB-1

SITE PHOTOGRAPHY
SITE DELINEATION REPORT
DJR OPERATING, LLC.
NAGEEZI 222H WELL SITE
PROJECT #17035-0210
MAY – JUNE 2020

Picture 7: View of SB-2 and Excavation

Picture 8: View of SB-3 through SB-5

APPENDIX D

Field Notes

CLIENT:	DJR LLC	**Envmtl. Spclst:**	DC
CLIENT/JOB #:	17035-0210	**C.O.C. No:**	
START DATE:	5/15/20	**LAT**	36.28136
FINISH DATE:		**LONG**	-107.78415
Page #	of		

envirotech
(505) 632-0615 (800) 362-1879
5796 U.S. Hwy 64, Farmington, NM 87401

Field Report: Spill Closure Verification

NMOCD Ranking: / **Depth to GW:** / **WH Protection Area:** No Yes

NMOCD TPH Closure Std.: / **Distance to SW:** /

LOCATION: Name: Nageezi ~~222 H~~ Well #: 222 H API: 30-045-35480

County: San Juan County State: New mexico

Cause of Release: Material Released: Amt. Released:

QUAD/UNIT: M SEC: 27 TWP: 24N RNG: 9W PM: NM San Juan County

Wellhead Lat/Long: 36.28136, -107.78415 Land Jurisdiction: QTR Footage:

Spill Located Approximately: 110 FT. FROM wellhead

Excavation Approx: FT. X FT. X FT. Cubic Yardage:

Disposal Facility: Remediaton Method:

Land Use: Lease: State Land Owner: State

FIELD 418.1 ANLAYSIS

SAMPLE DESCRIPTION	TIME	SAMPLE I.D.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. ppm
200 STD	12:35	~~200 STD~~	5	20	4	197	
500 STD	12:36	~~500 STD~~	5	20	4	482	
Center @ 3'	12:46	1	5	20	4	919	3676 ppm
Center @ 2'	12:54	2	5	20	4	1431	5724 ppm
South @ 4'	13:10	3	5	20	4	25	100 ppm
1250 STD	12:37		5	20	4	1266	

OVM Results

Sample ID	Field Headspace PID (ppm)	Sample ID	Field Headspace PID (ppm)
C@ 2'	41.1 ppm	S@ 4'	26.6 ppm
C @ 3'	504 ppm	W@ 2'	15.0 ppm
N@ 2'	3.4 ppm	W@ 4'	12.8 ppm
N@ 4'	3.3 ppm		
E@ 2'	10.2 ppm		
E@ 4'	21.4 ppm		
S@ 2'	12.2		

Lab Testing

Sample ID	Analysis Type	Time

5/15/2020

Chloride analysis

C2'	4.2	169 ppm
C3'	7.6	604 ppm
N2'	7.6	604 ppm
N4'	7.4	561 ppm
E2'	7.8	7600 ppm
E4'	7.6	604 ppm
S2'	4.6	201 ppm
S4'	7.4	561 ppm
W2'	8.4	7600 ppm
W4'	8.8	7600 ppm

~~read 99~~
~~cal 97~~
500

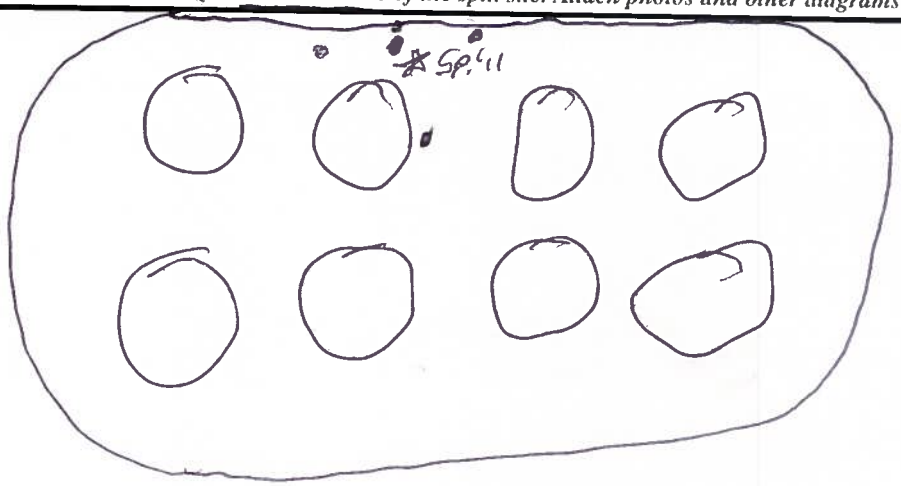
~~93~~
~~98~~
~~500 - 778~~

~~read 377~~
~~1200~~
~~cal 357~~

~~1250 - 4189~~
~~1772~~

Received by OCD: 9/15/2020 8:48:23 AM

SPILL PERIMETER: *Draw a schematic of the spill site. Attach photos and other diagrams as needed.*



EXCAVATION PROFILE:

NOTES: **Include number of samples and borings taken, and screening types completed.**
Describe spill in narrative format including amount, source and type of product.

WO #: **Who Ordered/Site Rep:**

CLIENT: DJR	envirotech (505) 632-0615 (800) 362-1879 5796 U.S. Hwy 64, Farmington, NM 87401	Envmtl. Spclst: BH/CG
CLIENT/JOB #: 17035-0210		C.O.C. No:
START DATE: 6/25/2020		LAT
FINISH DATE:		LONG
Page # of		

Field Report: Spill Closure Verification

NMOCD Ranking: _____ Depth to GW: _____ WH Protection Area: No Yes

NMOCD TPH Closure Std.: Distance to SW:

LOCATION: Name: Nageezi 2221 Well #: API: 30-045-35480

County: SJ State: NM

Cause of Release: Material Released: Amt. Released:

QUAD/UNIT: M SEC: 27 TWP: 24N RNG: 9W PM:

Wellhead Lat/Long: 36.28136 -107.72415 Land Jurisdiction: QTR Footage:

Spill Located Approximately: _____ FT. FROM

Excavation Approx: 14 FT. X 6 FT. X 4 FT. dep Cubic Yardage:

Disposal Facility: Remediaton Method:

Land Use: Lease: Land Owner:

FIELD 418.1 ANLAYSIS

SAMPLE DESCRIPITION	TIME	SAMPLE I.D.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. ppm

OVM Results

Sample ID	Field Headspace PID (ppm)	Sample ID	Field Headspace PID (ppm)
SB1 @ 4.5'	2.160	SB4 @ 5'	1.4
SB 1 @ 5.0'	203.7	SB5 @ 4.5	110.0
SB 2 @ 4.5'	22.3	SB5 @ 5'	0.1
SB2 @ 5'	30.0		
SB3 @ 4.5	3.4		
SB 3 @ 5'	3.4		
SB 4 @ 4.5'	3.5		

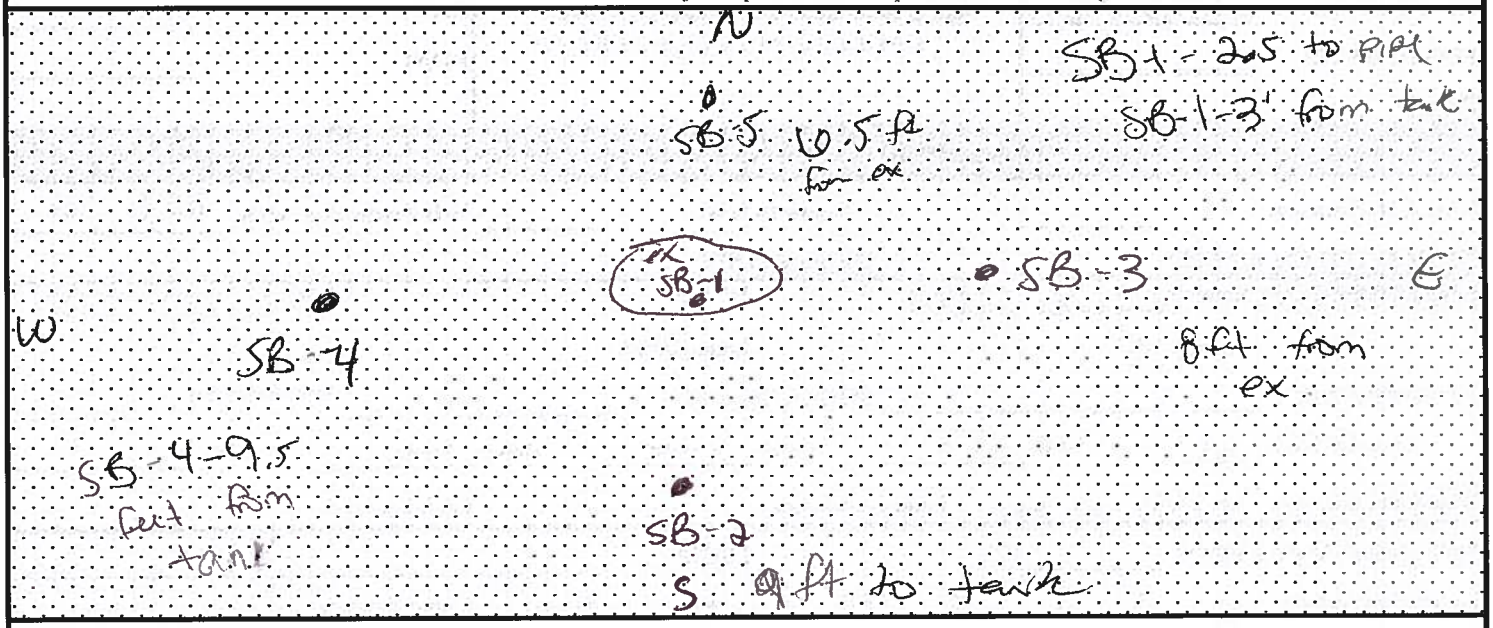
Lab Testing

Sample ID	Analysis Type	Time
SB1 @ 4.5'	8015 8021 Cl	
SB1 @ 5		
SB2 @ 4.5		
SB2 @ 5		
SB3 @ 4.5		
SB3 @ 5		
SB4 @ 4.5		
SB4 @ 5		
SB5 @ 4.5		
SB5 @ 5		

Page 1 Of _____

3/23/2015

SPILL PERIMETER: *Draw a schematic of the spill site. Attach photos and other diagrams as needed.*



EXCAVATION PROFILE:

NOTES: **Include number of samples and borings taken, and screening types completed.**
Describe spill in narrative format including amount, source and type of product.

WO #: **Who Ordered/Site Rep:**

envirotech

CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 15-May-20

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	
	200	197
	500	
	1000	
	5000	

The accepted percent relative deviation (%RSD) of the calibration factor is less than 20% over the working range.

Brittany Hall for

Analyst

6/3/2020

Date

Damon Carter

Print Name

Review

6/3/2020

Date

Felipe Aragon, CES, CHMM

Print Name

envirotech

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	DJR Operating	Project #:	17035-0210
Sample No.:	1	Date Reported:	6/3/2020
Sample ID:	Center @ 2'	Date Sampled:	5/15/2020
Sample Matrix:	Soil	Date Analyzed:	5/15/2020
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**5,720**	**5.0**

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Nageezi 222H**

Instrument calibrated to 200 ppm standard and zeroed before each sample.

Brittany Hall for
Analyst

Review

Damon Carter
Printed

Felipe Aragon, CES, CHMM
Printed

envirotech

EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client:	DJR Operating	Project #:	17035-0210
Sample No.:	2	Date Reported:	6/3/2020
Sample ID:	Center @ 3'	Date Sampled:	5/15/2020
Sample Matrix:	Soil	Date Analyzed:	5/15/2020
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**3,680**	**5.0**

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Nageezi 222H**

Instrument calibrated to 200 ppm standard and zeroed before each sample.

Brittany Hall for
Analyst

Review

Damon Carter
Printed

Felipe Aragon, CES, CHMM
Printed

envirotech

EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client:	DJR Operating	Project #:	17035-0210
Sample No.:	3	Date Reported:	6/3/2020
Sample ID:	South @ 4'	Date Sampled:	5/15/2020
Sample Matrix:	Soil	Date Analyzed:	5/15/2020
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**100**	**5.0**

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Nageezi 222H**

Instrument calibrated to 200 ppm standard and zeroed before each sample.

Brittany Hall for
Analyst

Review

Damon Carter
Printed

Felipe Aragon, CES, CHMM
Printed

APPENDIX E

Laboratory Analytical Reports

envirotech
Analytical Laboratory

Analytical Report

Report Summary

Client: DJR Operating, LLC

Samples Received: 5/18/2020
Job Number: 07135-0210
Work Order: P005057
Project Name/Location: Nageezi 222H-Spill Assessment and Soil Sampling

Report Reviewed By: Date: 5/26/20

Walter Hinchman, Laboratory Director

NELAP ACCREDITED TNI LABORATORY

Envirotech Inc. certifies the test results meet all requirements of TNI unless footnoted 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 NM009792018-1 for the data reported.
Envirotech, Inc, holds the Texas TNI certification T104704557-19-2 for the data reported.

envirotech
Analytical Laboratory

DJR Operating, LLC	Project Name:	Nageezi 222H-Spill Assessment and Soil Sampling	
1 Rd 3263	Project Number:	07135-0210	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	05/26/20 10:14

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Center @ 2'	P005057-01A	Soil	05/15/20	05/18/20	Glass Jar, 4 oz.
	P005057-01B	Soil	05/15/20	05/18/20	Glass Jar, 4 oz.
Center @ 3'	P005057-02A	Soil	05/15/20	05/18/20	Glass Jar, 4 oz.
	P005057-02B	Soil	05/15/20	05/18/20	Glass Jar, 4 oz.
North @ 2'	P005057-03A	Soil	05/15/20	05/18/20	Glass Jar, 4 oz.
	P005057-03B	Soil	05/15/20	05/18/20	Glass Jar, 4 oz.
North @ 4'	P005057-04A	Soil	05/15/20	05/18/20	Glass Jar, 4 oz.
	P005057-04B	Soil	05/15/20	05/18/20	Glass Jar, 4 oz.
East @ 2'	P005057-05A	Soil	05/15/20	05/18/20	Glass Jar, 4 oz.
	P005057-05B	Soil	05/15/20	05/18/20	Glass Jar, 4 oz.
East @ 4'	P005057-06A	Soil	05/15/20	05/18/20	Glass Jar, 4 oz.
	P005057-06B	Soil	05/15/20	05/18/20	Glass Jar, 4 oz.
South @ 2'	P005057-07A	Soil	05/15/20	05/18/20	Glass Jar, 4 oz.
	P005057-07B	Soil	05/15/20	05/18/20	Glass Jar, 4 oz.
South @ 4'	P005057-08A	Soil	05/15/20	05/18/20	Glass Jar, 4 oz.
	P005057-08B	Soil	05/15/20	05/18/20	Glass Jar, 4 oz.
West @ 2'	P005057-09A	Soil	05/15/20	05/18/20	Glass Jar, 4 oz.
	P005057-09B	Soil	05/15/20	05/18/20	Glass Jar, 4 oz.
West @ 4'	P005057-10A	Soil	05/15/20	05/18/20	Glass Jar, 4 oz.
	P005057-10B	Soil	05/15/20	05/18/20	Glass Jar, 4 oz.

envirotech
Analytical Laboratory

DJR Operating, LLC	Project Name:	Nageezi 222H-Spill Assessment and Soil Sampling	
1 Rd 3263	Project Number:	07135-0210	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	05/26/20 10:14

Center @ 2'

P005057-01 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8021B	
Toluene	**0.0852**	0.0250	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8021B	
Ethylbenzene	**0.0456**	0.0250	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8021B	
p,m-Xylene	**0.378**	0.0500	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8021B	
o-Xylene	**0.353**	0.0250	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8021B	
Total Xylenes	**0.731**	0.0250	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*120 %*		*50-150*	*2021012*	*05/19/20*	*05/19/20*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	**9410**	250	mg/kg	10	2021013	05/19/20	05/19/20	EPA 8015D	
Oil Range Organics (C28-C40)	**3390**	500	mg/kg	10	2021013	05/19/20	05/19/20	EPA 8015D	
Surrogate: n-Nonane		*126 %*		*50-200*	*2021013*	*05/19/20*	*05/19/20*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	**26.7**	20.0	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.8 %*		*50-150*	*2021012*	*05/19/20*	*05/19/20*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**2850**	40.0	mg/kg	2	2021015	05/20/20	05/20/20	EPA 300.0/9056A	

envirotech Analytical Laboratory

DJR Operating, LLC	Project Name:	Nageezi 222H-Spill Assessment and Soil Sampling	
1 Rd 3263	Project Number:	07135-0210	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	05/26/20 10:14

Center @ 3'

P005057-02 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	**0.262**	0.0250	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8021B	
Toluene	**0.517**	0.0250	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8021B	
Ethylbenzene	**0.861**	0.0250	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8021B	
p,m-Xylene	**2.56**	0.0500	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8021B	
o-Xylene	**4.66**	0.0250	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8021B	
Total Xylenes	**7.22**	0.0250	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*112 %*		*50-150*	*2021012*	*05/19/20*	*05/19/20*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	**9890**	250	mg/kg	10	2021013	05/19/20	05/19/20	EPA 8015D	
Oil Range Organics (C28-C40)	**3320**	500	mg/kg	10	2021013	05/19/20	05/19/20	EPA 8015D	
Surrogate: n-Nonane		*236 %*		*50-200*	*2021013*	*05/19/20*	*05/19/20*	*EPA 8015D*	*S5*
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	**155**	20.0	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*106 %*		*50-150*	*2021012*	*05/19/20*	*05/19/20*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**2390**	40.0	mg/kg	2	2021015	05/20/20	05/20/20	EPA 300.0/9056A	

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DJR Operating, LLC	Project Name:	Nageezi 222H-Spill Assessment and Soil Sampling	
1 Rd 3263	Project Number:	07135-0210	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	05/26/20 10:14

North @ 2'

P005057-03 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*105 %*		*50-150*	*2021012*	*05/19/20*	*05/19/20*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2021013	05/19/20	05/21/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2021013	05/19/20	05/21/20	EPA 8015D	
Surrogate: n-Nonane		*91.7 %*		*50-200*	*2021013*	*05/19/20*	*05/21/20*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.1 %*		*50-150*	*2021012*	*05/19/20*	*05/19/20*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**887**	20.0	mg/kg	1	2021015	05/20/20	05/20/20	EPA 300.0/9056A	

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DJR Operating, LLC	Project Name:	Nageezi 222H-Spill Assessment and Soil Sampling	
1 Rd 3263	Project Number:	07135-0210	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	05/26/20 10:14

North @ 4'

P005057-04 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*		*50-150*	*2021012*	*05/19/20*	*05/19/20*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	**34.8**	25.0	mg/kg	1	2021013	05/19/20	05/21/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2021013	05/19/20	05/21/20	EPA 8015D	
Surrogate: n-Nonane		*97.9 %*		*50-200*	*2021013*	*05/19/20*	*05/21/20*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.2 %*		*50-150*	*2021012*	*05/19/20*	*05/19/20*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**1610**	40.0	mg/kg	2	2021015	05/20/20	05/20/20	EPA 300.0/9056A	

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DJR Operating, LLC	Project Name:	Nageezi 222H-Spill Assessment and Soil Sampling	
1 Rd 3263	Project Number:	07135-0210	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	05/26/20 10:14

East @ 2'

P005057-05 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*106 %*		*50-150*	*2021012*	*05/19/20*	*05/19/20*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2021013	05/19/20	05/19/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2021013	05/19/20	05/19/20	EPA 8015D	
Surrogate: n-Nonane		*94.6 %*		*50-200*	*2021013*	*05/19/20*	*05/19/20*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.3 %*		*50-150*	*2021012*	*05/19/20*	*05/19/20*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**1760**	40.0	mg/kg	2	2021015	05/20/20	05/20/20	EPA 300.0/9056A	

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DJR Operating, LLC	Project Name:	Nageezi 222H-Spill Assessment and Soil Sampling	
1 Rd 3263	Project Number:	07135-0210	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	05/26/20 10:14

East @ 4'

P005057-06 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*106 %*		*50-150*	*2021012*	*05/19/20*	*05/19/20*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2021013	05/19/20	05/19/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2021013	05/19/20	05/19/20	EPA 8015D	
Surrogate: n-Nonane		*92.7 %*		*50-200*	*2021013*	*05/19/20*	*05/19/20*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.7 %*		*50-150*	*2021012*	*05/19/20*	*05/19/20*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**308**	20.0	mg/kg	1	2021015	05/20/20	05/20/20	EPA 300.0/9056A	

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DJR Operating, LLC	Project Name:	Nageezi 222H-Spill Assessment and Soil Sampling	
1 Rd 3263	Project Number:	07135-0210	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	05/26/20 10:14

South @ 2'

P005057-07 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*107 %*		*50-150*	*2021012*	*05/19/20*	*05/19/20*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2021013	05/19/20	05/19/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2021013	05/19/20	05/19/20	EPA 8015D	
Surrogate: n-Nonane		*102 %*		*50-200*	*2021013*	*05/19/20*	*05/19/20*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.6 %*		*50-150*	*2021012*	*05/19/20*	*05/19/20*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**1770**	20.0	mg/kg	1	2021015	05/20/20	05/20/20	EPA 300.0/9056A	

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DJR Operating, LLC	Project Name:	Nageezi 222H-Spill Assessment and Soil Sampling	
1 Rd 3263	Project Number:	07135-0210	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	05/26/20 10:14

South @ 4'

P005057-08 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*107 %*		*50-150*	*2021012*	*05/19/20*	*05/19/20*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2021013	05/19/20	05/19/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2021013	05/19/20	05/19/20	EPA 8015D	
Surrogate: n-Nonane		*98.1 %*		*50-200*	*2021013*	*05/19/20*	*05/19/20*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2021012	05/19/20	05/19/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.9 %*		*50-150*	*2021012*	*05/19/20*	*05/19/20*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**1360**	40.0	mg/kg	2	2021015	05/20/20	05/20/20	EPA 300.0/9056A	

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DJR Operating, LLC	Project Name:	Nageezi 222H-Spill Assessment and Soil Sampling	
1 Rd 3263	Project Number:	07135-0210	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	05/26/20 10:14

West @ 2'
P005057-09 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	2021012	05/19/20	05/20/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2021012	05/19/20	05/20/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2021012	05/19/20	05/20/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2021012	05/19/20	05/20/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2021012	05/19/20	05/20/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2021012	05/19/20	05/20/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*106 %*		*50-150*	*2021012*	*05/19/20*	*05/20/20*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2021013	05/19/20	05/19/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2021013	05/19/20	05/19/20	EPA 8015D	
Surrogate: n-Nonane		*98.9 %*		*50-200*	*2021013*	*05/19/20*	*05/19/20*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2021012	05/19/20	05/20/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.0 %*		*50-150*	*2021012*	*05/19/20*	*05/20/20*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**1420**	20.0	mg/kg	1	2021015	05/20/20	05/20/20	EPA 300.0/9056A	

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DJR Operating, LLC	Project Name:	Nageezi 222H-Spill Assessment and Soil Sampling	
1 Rd 3263	Project Number:	07135-0210	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	05/26/20 10:14

West @ 4'

P005057-10 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	2021012	05/19/20	05/20/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2021012	05/19/20	05/20/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2021012	05/19/20	05/20/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2021012	05/19/20	05/20/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2021012	05/19/20	05/20/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2021012	05/19/20	05/20/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*108 %*		*50-150*	*2021012*	*05/19/20*	*05/20/20*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2021013	05/19/20	05/19/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2021013	05/19/20	05/19/20	EPA 8015D	
Surrogate: n-Nonane		*96.0 %*		*50-200*	*2021013*	*05/19/20*	*05/19/20*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2021012	05/19/20	05/20/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.1 %*		*50-150*	*2021012*	*05/19/20*	*05/20/20*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**1760**	40.0	mg/kg	2	2021015	05/20/20	05/20/20	EPA 300.0/9056A	

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DJR Operating, LLC	Project Name:	Nageezi 222H-Spill Assessment and Soil Sampling	
1 Rd 3263	Project Number:	07135-0210	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	05/26/20 10:14

Volatile Organics by EPA 8021 - Quality Control

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2021012 - Purge and Trap EPA 5030A										
Blank (2021012-BLK1)				Prepared: 05/19/20 1 Analyzed: 05/20/20 1						
Benzene	ND	0.0250	mg/kg							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
p,m-Xylene	ND	0.0500	"							
o-Xylene	ND	0.0250	"							
Total Xylenes	ND	0.0250	"							
Surrogate: 4-Bromochlorobenzene-PID	*8.31*		*"*	*8.00*		*104*	*50-150*			
LCS (2021012-BS1)				Prepared & Analyzed: 05/19/20 1						
Benzene	4.77	0.0250	mg/kg	5.00		95.4	70-130			
Toluene	4.76	0.0250	"	5.00		95.2	70-130			
Ethylbenzene	4.74	0.0250	"	5.00		94.9	70-130			
p,m-Xylene	9.49	0.0500	"	10.0		94.9	70-130			
o-Xylene	4.76	0.0250	"	5.00		95.1	70-130			
Total Xylenes	14.3	0.0250	"	15.0		95.0	0-200			
Surrogate: 4-Bromochlorobenzene-PID	*8.54*		*"*	*8.00*		*107*	*50-150*			
Matrix Spike (2021012-MS1)		**Source: P005054-01**		Prepared & Analyzed: 05/19/20 1						
Benzene	4.94	0.0250	mg/kg	5.00	ND	98.9	54.3-133			
Toluene	4.97	0.0250	"	5.00	0.0723	98.0	61.4-130			
Ethylbenzene	5.06	0.0250	"	5.00	0.320	94.7	61.4-133			
p,m-Xylene	9.95	0.0500	"	10.0	0.275	96.8	63.3-131			
o-Xylene	4.98	0.0250	"	5.00	0.0687	98.3	63.3-131			
Total Xylenes	14.9	0.0250	"	15.0	0.344	97.3	0-200			
Surrogate: 4-Bromochlorobenzene-PID	*9.52*		*"*	*8.00*		*119*	*50-150*			
Matrix Spike Dup (2021012-MSD1)		**Source: P005054-01**		Prepared & Analyzed: 05/19/20 1						
Benzene	5.11	0.0250	mg/kg	5.00	ND	102	54.3-133	3.20	20	
Toluene	5.11	0.0250	"	5.00	0.0723	101	61.4-130	2.60	20	
Ethylbenzene	5.17	0.0250	"	5.00	0.320	97.1	61.4-133	2.32	20	
p,m-Xylene	10.2	0.0500	"	10.0	0.275	99.1	63.3-131	2.29	20	
o-Xylene	5.10	0.0250	"	5.00	0.0687	101	63.3-131	2.31	20	
Total Xylenes	15.3	0.0250	"	15.0	0.344	99.6	0-200	2.29	200	
Surrogate: 4-Bromochlorobenzene-PID	*9.25*		*"*	*8.00*		*116*	*50-150*			

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DJR Operating, LLC	Project Name:	Nageezi 222H-Spill Assessment and Soil Sampling	
1 Rd 3263	Project Number:	07135-0210	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	05/26/20 10:14

Nonhalogenated Organics by 8015 - DRO/ORO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2021013 - DRO Extraction EPA 3570										
Blank (2021013-BLK1)				Prepared & Analyzed: 05/19/20 1						
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	*54.2*		*"*	*50.0*		*108*	*50-200*			
LCS (2021013-BS1)				Prepared & Analyzed: 05/19/20 1						
Diesel Range Organics (C10-C28)	432	25.0	mg/kg	500		86.4	38-132			
Surrogate: n-Nonane	*50.4*		*"*	*50.0*		*101*	*50-200*			
Matrix Spike (2021013-MS1)	**Source: P005057-01**			Prepared: 05/19/20 1 Analyzed: 05/19/20 2						
Diesel Range Organics (C10-C28)	10900	250	mg/kg	500	9410	299	38-132			M2
Surrogate: n-Nonane	*62.3*		*"*	*50.0*		*125*	*50-200*			
Matrix Spike Dup (2021013-MSD1)	**Source: P005057-01**			Prepared & Analyzed: 05/19/20 1						
Diesel Range Organics (C10-C28)	10400	250	mg/kg	500	9410	196	38-132	4.86	20	
Surrogate: n-Nonane	*61.5*		*"*	*50.0*		*123*	*50-200*			

envirotech Analytical Laboratory

DJR Operating, LLC	Project Name:	Nageezi 222H-Spill Assessment and Soil Sampling	
1 Rd 3263	Project Number:	07135-0210	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	05/26/20 10:14

Nonhalogenated Organics by 8015 - GRO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2021012 - Purge and Trap EPA 5030A										
Blank (2021012-BLK1)				Prepared: 05/19/20 1 Analyzed: 05/20/20 1						
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.41*		"	*8.00*		*92.7*	*50-150*			
LCS (2021012-BS2)				Prepared & Analyzed: 05/19/20 1						
Gasoline Range Organics (C6-C10)	48.4	20.0	mg/kg	50.0		96.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.34*		"	*8.00*		*91.7*	*50-150*			
Matrix Spike (2021012-MS2)		**Source: P005054-01**		Prepared & Analyzed: 05/19/20 1						
Gasoline Range Organics (C6-C10)	68.9	20.0	mg/kg	50.0	ND	138	70-130			M1
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.33*		"	*8.00*		*91.7*	*50-150*			
Matrix Spike Dup (2021012-MSD2)		**Source: P005054-01**		Prepared & Analyzed: 05/19/20 1						
Gasoline Range Organics (C6-C10)	64.5	20.0	mg/kg	50.0	ND	129	70-130	6.58	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.50*		"	*8.00*		*93.8*	*50-150*			

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Analytical Laboratory

DJR Operating, LLC	Project Name:	Nageezi 222H-Spill Assessment and Soil Sampling	
1 Rd 3263	Project Number:	07135-0210	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	05/26/20 10:14

Anions by 300.0/9056A - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2021015 - Anion Extraction EPA 300.0/9056A										
Blank (2021015-BLK1)				Prepared: 05/20/20 0 Analyzed: 05/20/20 1						
Chloride	ND	20.0	mg/kg							
LCS (2021015-BS1)				Prepared: 05/20/20 0 Analyzed: 05/20/20 1						
Chloride	252	20.0	mg/kg	250		101	90-110			
Matrix Spike (2021015-MS1)		**Source: P005057-01**		Prepared: 05/20/20 0 Analyzed: 05/20/20 1						
Chloride	3080	40.0	mg/kg	250	2850	92.1	80-120			
Matrix Spike Dup (2021015-MSD1)		**Source: P005057-01**		Prepared: 05/20/20 0 Analyzed: 05/20/20 1						
Chloride	3150	40.0	mg/kg	250	2850	122	80-120	2.42	20	M1

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 my differ slightly.

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DJR Operating, LLC	Project Name:	Nageezi 222H-Spill Assessment and Soil Sampling	
1 Rd 3263	Project Number:	07135-0210	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	05/26/20 10:14

Notes and Definitions

S5	Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.
M2	Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
M1	Matrix spike recovery was above acceptance limits. The associated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
**	Methods marked with ** are non-accredited methods.

Soil data is reported on an "as received" weight basis, unless reported otherwise.

Project Information | Chain of Custody | Page 1 of 1

Received by OCD: 9/15/2020 8:48:23 AM

Client: DJR LLC	**Report Attention**	Lab Use Only: Lab WO# P005057 / Job Number 07135-0210
Project: Nageezi 222H- Spill Assessment and Soil Sampling	Report due by:	TAT: 1D / 3D
Project Manager: F.Aragon	Email:	EPA Program: RCRA / CWA / SDWA
Address:	Address:	State: NM / CO / UT / AZ
City, State, Zip	City, State, Zip	
Phone:	Phone:	
Email: Gcrabtree Dcarter Faragon Tknight Bhall		

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	TPH	Cl-	BTEX	Remarks
9:34	5/15/2020	S	2	Center @ 2'	1	x	x	x	
9:39	5/15/2020	S	2	Center @ 3'	2	x	x	x	
9:50	5/15/2020	S	2	North @ 2'	3	x	x	x	
9:57	5/15/2020	S	2	North @ 4'	4	x	x	x	
10:13	5/15/2020	S	2	East @ 2'	5	x	x	x	
10:19	5/15/2020	S	2	East @ 4'	6	x	x	x	
10:30	5/15/2020	S	2	South @ 2'	7	x	x	x	
10:38	5/15/2020	S	2	South @ 4'	8	x	x	x	
10:47	15-May	S	2	West @ 2'	9	x	x	x	
10:53	15-May	S	2	West @ 4'	10	x	x	x	

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:Damon Carter

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6°C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Damon Carter	5/18/20	8:00	Walter White	5/18/20	8:00
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: Y / N
T1 T2 T3
AVG Temp °C 4

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

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

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboraotry is limited to the amount paid for on the report.

envirotech Analytical Laboratory
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Analytical Report

Report Summary

Client: DJR Operating, LLC

Samples Received: 6/25/2020

Job Number: 17035-0210

Work Order: P006089

Project Name/Location: Nageezi 222H Site Delineation

Report Reviewed By: _____ Date: 7/2/20

Walter Hinchman, Laboratory Director

Envirotech Inc. certifies the test results meet all requirements of TNI unless footnoted 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 NM009792018-1 for the data reported.
Envirotech, Inc, holds the Texas TNI certification T104704557-19-2 for the data reported.

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DJR Operating, LLC	Project Name:	Nageezi 222H Site Delineation	
1 Rd 3263	Project Number:	17035-0210	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	07/02/20 12:51

Sample Summary

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SB-1 @4.5 ft	P006089-01A	Soil	06/25/20	06/25/20	Glass Jar, 4 oz.
	P006089-01B	Soil	06/25/20	06/25/20	Glass Jar, 4 oz.
SB-1 @ 5 ft	P006089-02A	Soil	06/25/20	06/25/20	Glass Jar, 4 oz.
	P006089-02B	Soil	06/25/20	06/25/20	Glass Jar, 4 oz.
SB-2 @ 4.5 ft	P006089-03A	Soil	06/25/20	06/25/20	Glass Jar, 4 oz.
	P006089-03B	Soil	06/25/20	06/25/20	Glass Jar, 4 oz.
SB-2 @ 5 ft	P006089-04A	Soil	06/25/20	06/25/20	Glass Jar, 4 oz.
	P006089-04B	Soil	06/25/20	06/25/20	Glass Jar, 4 oz.
SB-3 @ 4.5 ft	P006089-05A	Soil	06/25/20	06/25/20	Glass Jar, 4 oz.
	P006089-05B	Soil	06/25/20	06/25/20	Glass Jar, 4 oz.
SB-3 @ 5 ft	P006089-06A	Soil	06/25/20	06/25/20	Glass Jar, 4 oz.
	P006089-06B	Soil	06/25/20	06/25/20	Glass Jar, 4 oz.
SB-4 @ 4.5 ft	P006089-07A	Soil	06/25/20	06/25/20	Glass Jar, 4 oz.
	P006089-07B	Soil	06/25/20	06/25/20	Glass Jar, 4 oz.
SB-4 @ 5 ft	P006089-08A	Soil	06/25/20	06/25/20	Glass Jar, 4 oz.
	P006089-08B	Soil	06/25/20	06/25/20	Glass Jar, 4 oz.
SB-5 @ 4.5 ft	P006089-09A	Soil	06/25/20	06/25/20	Glass Jar, 4 oz.
	P006089-09B	Soil	06/25/20	06/25/20	Glass Jar, 4 oz.
SB-5 @ 5 ft	P006089-10A	Soil	06/25/20	06/25/20	Glass Jar, 4 oz.
	P006089-10B	Soil	06/25/20	06/25/20	Glass Jar, 4 oz.

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DJR Operating, LLC	Project Name:	Nageezi 222H Site Delineation	
1 Rd 3263	Project Number:	17035-0210	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	07/02/20 12:51

SB-1 @4.5 ft
P006089-01 (Solid)

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg				Batch:	2027001
Benzene	ND	0.0250	1	06/29/20	06/29/20		
Toluene	ND	0.0250	1	06/29/20	06/29/20		
Ethylbenzene	ND	0.0250	1	06/29/20	06/29/20		
p,m-Xylene	ND	0.0500	1	06/29/20	06/29/20		
o-Xylene	ND	0.0250	1	06/29/20	06/29/20		
Total Xylenes	ND	0.0250	1	06/29/20	06/29/20		
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*50-150*	*06/29/20*	*06/29/20*		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg				Batch:	2026028
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/20	06/30/20		
Oil Range Organics (C28-C40)	ND	50.0	1	06/30/20	06/30/20		
Surrogate: n-Nonane		*92.8 %*	*50-200*	*06/30/20*	*06/30/20*		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg				Batch:	2027001
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/20	06/29/20		
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.8 %*	*50-150*	*06/29/20*	*06/29/20*		
Anions by EPA 300.0/9056A	mg/kg	mg/kg				Batch:	2027009
Chloride	**1100**	20.0	1	06/30/20	06/30/20		

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DJR Operating, LLC	Project Name:	Nageezi 222H Site Delineation	
1 Rd 3263	Project Number:	17035-0210	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	07/02/20 12:51

SB-1 @ 5 ft
P006089-02 (Solid)

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg				Batch:	2027001
Benzene	ND	0.0250	1	06/29/20	06/29/20		
Toluene	ND	0.0250	1	06/29/20	06/29/20		
Ethylbenzene	ND	0.0250	1	06/29/20	06/29/20		
p,m-Xylene	**0.0652**	0.0500	1	06/29/20	06/29/20		
o-Xylene	**0.0302**	0.0250	1	06/29/20	06/29/20		
Total Xylenes	**0.0954**	0.0250	1	06/29/20	06/29/20		
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*50-150*	*06/29/20*	*06/29/20*		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg				Batch:	2026028
Diesel Range Organics (C10-C28)	**140**	25.0	1	06/30/20	06/30/20		
Oil Range Organics (C28-C40)	**58.8**	50.0	1	06/30/20	06/30/20		
Surrogate: n-Nonane		*97.8 %*	*50-200*	*06/30/20*	*06/30/20*		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg				Batch:	2027001
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/20	06/29/20		
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.4 %*	*50-150*	*06/29/20*	*06/29/20*		
Anions by EPA 300.0/9056A	mg/kg	mg/kg				Batch:	2027009
Chloride	**967**	20.0	1	06/30/20	07/01/20		

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DJR Operating, LLC	Project Name:	Nageezi 222H Site Delineation	
1 Rd 3263	Project Number:	17035-0210	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	07/02/20 12:51

SB-2 @ 4.5 ft
P006089-03 (Solid)

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg				Batch:	2027001
Benzene	ND	0.0250	1	06/29/20	06/29/20		
Toluene	ND	0.0250	1	06/29/20	06/29/20		
Ethylbenzene	ND	0.0250	1	06/29/20	06/29/20		
p,m-Xylene	ND	0.0500	1	06/29/20	06/29/20		
o-Xylene	ND	0.0250	1	06/29/20	06/29/20		
Total Xylenes	ND	0.0250	1	06/29/20	06/29/20		
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*50-150*	*06/29/20*	*06/29/20*		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg				Batch:	2026028
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/20	06/30/20		
Oil Range Organics (C28-C40)	ND	50.0	1	06/30/20	06/30/20		
Surrogate: n-Nonane		*89.0 %*	*50-200*	*06/30/20*	*06/30/20*		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg				Batch:	2027001
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/20	06/29/20		
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.7 %*	*50-150*	*06/29/20*	*06/29/20*		
Anions by EPA 300.0/9056A	mg/kg	mg/kg				Batch:	2027009
Chloride	**1300**	20.0	1	06/30/20	07/01/20		

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DJR Operating, LLC	Project Name:	Nageezi 222H Site Delineation	
1 Rd 3263	Project Number:	17035-0210	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	07/02/20 12:51

SB-2 @ 5 ft
P006089-04 (Solid)

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg				Batch:	2027001
Benzene	ND	0.0250	1	06/29/20	06/30/20		
Toluene	ND	0.0250	1	06/29/20	06/30/20		
Ethylbenzene	ND	0.0250	1	06/29/20	06/30/20		
p,m-Xylene	ND	0.0500	1	06/29/20	06/30/20		
o-Xylene	ND	0.0250	1	06/29/20	06/30/20		
Total Xylenes	ND	0.0250	1	06/29/20	06/30/20		
Surrogate: 4-Bromochlorobenzene-PID	*102 %*	*50-150*		*06/29/20*	*06/30/20*		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg				Batch:	2026028
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/20	06/30/20		
Oil Range Organics (C28-C40)	ND	50.0	1	06/30/20	06/30/20		
Surrogate: n-Nonane	*97.6 %*	*50-200*		*06/30/20*	*06/30/20*		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg				Batch:	2027001
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/20	06/30/20		
Surrogate: 1-Chloro-4-fluorobenzene-FID	*86.2 %*	*50-150*		*06/29/20*	*06/30/20*		
Anions by EPA 300.0/9056A	mg/kg	mg/kg				Batch:	2027009
Chloride	**1330**	20.0	1	06/30/20	07/01/20		

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DJR Operating, LLC	Project Name:	Nageezi 222H Site Delineation	
1 Rd 3263	Project Number:	17035-0210	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	07/02/20 12:51

SB-3 @ 4.5 ft
P006089-05 (Solid)

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg				Batch:	2027001
Benzene	ND	0.0250	1	06/29/20	06/30/20		
Toluene	ND	0.0250	1	06/29/20	06/30/20		
Ethylbenzene	ND	0.0250	1	06/29/20	06/30/20		
p,m-Xylene	ND	0.0500	1	06/29/20	06/30/20		
o-Xylene	ND	0.0250	1	06/29/20	06/30/20		
Total Xylenes	ND	0.0250	1	06/29/20	06/30/20		
Surrogate: 4-Bromochlorobenzene-PID	*103 %*	*50-150*		*06/29/20*	*06/30/20*		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg				Batch:	2026028
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/20	06/30/20		
Oil Range Organics (C28-C40)	ND	50.0	1	06/30/20	06/30/20		
Surrogate: n-Nonane	*96.9 %*	*50-200*		*06/30/20*	*06/30/20*		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg				Batch:	2027001
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/20	06/30/20		
Surrogate: 1-Chloro-4-fluorobenzene-FID	*86.6 %*	*50-150*		*06/29/20*	*06/30/20*		
Anions by EPA 300.0/9056A	mg/kg	mg/kg				Batch:	2027009
Chloride	**1600**	20.0	1	06/30/20	07/01/20		

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DJR Operating, LLC	Project Name:	Nageezi 222H Site Delineation	
1 Rd 3263	Project Number:	17035-0210	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	07/02/20 12:51

SB-3 @ 5 ft
P006089-06 (Solid)

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg				Batch:	2027001
Benzene	ND	0.0250	1	06/29/20	06/30/20		
Toluene	ND	0.0250	1	06/29/20	06/30/20		
Ethylbenzene	ND	0.0250	1	06/29/20	06/30/20		
p,m-Xylene	ND	0.0500	1	06/29/20	06/30/20		
o-Xylene	ND	0.0250	1	06/29/20	06/30/20		
Total Xylenes	ND	0.0250	1	06/29/20	06/30/20		
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*50-150*	*06/29/20*	*06/30/20*		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg				Batch:	2026028
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/20	06/30/20		
Oil Range Organics (C28-C40)	ND	50.0	1	06/30/20	06/30/20		
Surrogate: n-Nonane		*101 %*	*50-200*	*06/30/20*	*06/30/20*		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg				Batch:	2027001
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/20	06/30/20		
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.4 %*	*50-150*	*06/29/20*	*06/30/20*		
Anions by EPA 300.0/9056A	mg/kg	mg/kg				Batch:	2027009
Chloride	**1320**	20.0	1	06/30/20	07/01/20		

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DJR Operating, LLC	Project Name:	Nageezi 222H Site Delineation	
1 Rd 3263	Project Number:	17035-0210	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	07/02/20 12:51

SB-4 @ 4.5 ft
P006089-07 (Solid)

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg				Batch:	2027001
Benzene	ND	0.0250	1	06/29/20	06/30/20		
Toluene	ND	0.0250	1	06/29/20	06/30/20		
Ethylbenzene	ND	0.0250	1	06/29/20	06/30/20		
p,m-Xylene	ND	0.0500	1	06/29/20	06/30/20		
o-Xylene	ND	0.0250	1	06/29/20	06/30/20		
Total Xylenes	ND	0.0250	1	06/29/20	06/30/20		
Surrogate: 4-Bromochlorobenzene-PID	*102 %*	*50-150*		*06/29/20*	*06/30/20*		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg				Batch:	2026028
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/20	06/30/20		
Oil Range Organics (C28-C40)	ND	50.0	1	06/30/20	06/30/20		
Surrogate: n-Nonane	*98.8 %*	*50-200*		*06/30/20*	*06/30/20*		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg				Batch:	2027001
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/20	06/30/20		
Surrogate: 1-Chloro-4-fluorobenzene-FID	*86.7 %*	*50-150*		*06/29/20*	*06/30/20*		
Anions by EPA 300.0/9056A	mg/kg	mg/kg				Batch:	2027009
Chloride	**495**	20.0	1	06/30/20	07/01/20		

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DJR Operating, LLC	Project Name:	Nageezi 222H Site Delineation	
1 Rd 3263	Project Number:	17035-0210	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	07/02/20 12:51

SB-4 @ 5 ft
P006089-08 (Solid)

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg				Batch:	2027001
Benzene	ND	0.0250	1	06/29/20	06/30/20		
Toluene	ND	0.0250	1	06/29/20	06/30/20		
Ethylbenzene	ND	0.0250	1	06/29/20	06/30/20		
p,m-Xylene	ND	0.0500	1	06/29/20	06/30/20		
o-Xylene	ND	0.0250	1	06/29/20	06/30/20		
Total Xylenes	ND	0.0250	1	06/29/20	06/30/20		
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*50-150*	*06/29/20*	*06/30/20*		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg				Batch:	2026028
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/20	06/30/20		
Oil Range Organics (C28-C40)	ND	50.0	1	06/30/20	06/30/20		
Surrogate: n-Nonane		*97.1 %*	*50-200*	*06/30/20*	*06/30/20*		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg				Batch:	2027001
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/20	06/30/20		
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.9 %*	*50-150*	*06/29/20*	*06/30/20*		
Anions by EPA 300.0/9056A	mg/kg	mg/kg				Batch:	2027009
Chloride	**928**	20.0	1	06/30/20	07/01/20		

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DJR Operating, LLC	Project Name:	Nageezi 222H Site Delineation	
1 Rd 3263	Project Number:	17035-0210	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	07/02/20 12:51

SB-5 @ 4.5 ft
P006089-09 (Solid)

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg				Batch:	2027001
Benzene	ND	0.0250	1	06/29/20	06/30/20		
Toluene	ND	0.0250	1	06/29/20	06/30/20		
Ethylbenzene	ND	0.0250	1	06/29/20	06/30/20		
p,m-Xylene	ND	0.0500	1	06/29/20	06/30/20		
o-Xylene	ND	0.0250	1	06/29/20	06/30/20		
Total Xylenes	ND	0.0250	1	06/29/20	06/30/20		
Surrogate: 4-Bromochlorobenzene-PID	*103 %*	*50-150*		*06/29/20*	*06/30/20*		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg				Batch:	2026028
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/20	06/30/20		
Oil Range Organics (C28-C40)	ND	50.0	1	06/30/20	06/30/20		
Surrogate: n-Nonane	*94.1 %*	*50-200*		*06/30/20*	*06/30/20*		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg				Batch:	2027001
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/20	06/30/20		
Surrogate: 1-Chloro-4-fluorobenzene-FID	*86.2 %*	*50-150*		*06/29/20*	*06/30/20*		
Anions by EPA 300.0/9056A	mg/kg	mg/kg				Batch:	2027009
Chloride	**1040**	20.0	1	06/30/20	07/01/20		

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DJR Operating, LLC	Project Name:	Nageezi 222H Site Delineation	
1 Rd 3263	Project Number:	17035-0210	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	07/02/20 12:51

SB-5 @ 5 ft
P006089-10 (Solid)

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg				Batch:	2027001
Benzene	ND	0.0250	1	06/29/20	06/30/20		
Toluene	ND	0.0250	1	06/29/20	06/30/20		
Ethylbenzene	ND	0.0250	1	06/29/20	06/30/20		
p,m-Xylene	ND	0.0500	1	06/29/20	06/30/20		
o-Xylene	ND	0.0250	1	06/29/20	06/30/20		
Total Xylenes	ND	0.0250	1	06/29/20	06/30/20		
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*50-150*	*06/29/20*	*06/30/20*		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg				Batch:	2026028
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/20	06/30/20		
Oil Range Organics (C28-C40)	ND	50.0	1	06/30/20	06/30/20		
Surrogate: n-Nonane		*108 %*	*50-200*	*06/30/20*	*06/30/20*		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg				Batch:	2027001
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/29/20	06/30/20		
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.6 %*	*50-150*	*06/29/20*	*06/30/20*		
Anions by EPA 300.0/9056A	mg/kg	mg/kg				Batch:	2027009
Chloride	**1280**	20.0	1	06/30/20	07/01/20		

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DJR Operating, LLC	Project Name:	Nageezi 222H Site Delineation	
1 Rd 3263	Project Number:	17035-0210	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	07/02/20 12:51

Volatile Organics by EPA 8021B - Quality Control

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level	Source Result mg/kg	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (2027001-BLK1)									Prepared & Analyzed: 06/29/20 1
Benzene	ND	0.0250							
Toluene	ND	0.0250							
Ethylbenzene	ND	0.0250							
p,m-Xylene	ND	0.0500							
o-Xylene	ND	0.0250							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*8.06*		*8.00*		*101*	*50-150*			
LCS (2027001-BS1)									Prepared & Analyzed: 06/29/20 1
Benzene	4.92	0.0250	5.00		98.4	70-130			
Toluene	5.02	0.0250	5.00		100	70-130			
Ethylbenzene	4.98	0.0250	5.00		99.7	70-130			
p,m-Xylene	9.90	0.0500	10.0		99.0	70-130			
o-Xylene	4.92	0.0250	5.00		98.3	70-130			
Total Xylenes	14.8	0.0250	15.0		98.7	0-200			
Surrogate: 4-Bromochlorobenzene-PID	*8.22*		*8.00*		*103*	*50-150*			
Matrix Spike (2027001-MS1)				**Source: P006089-01**					Prepared: 06/29/20 1 Analyzed: 06/29/20 2
Benzene	5.02	0.0250	5.00	ND	100	54.3-133			
Toluene	5.17	0.0250	5.00	ND	103	61.4-130			
Ethylbenzene	5.09	0.0250	5.00	ND	102	61.4-133			
p,m-Xylene	10.1	0.0500	10.0	ND	101	63.3-131			
o-Xylene	5.03	0.0250	5.00	ND	101	63.3-131			
Total Xylenes	15.1	0.0250	15.0	ND	101	0-200			
Surrogate: 4-Bromochlorobenzene-PID	*8.27*		*8.00*		*103*	*50-150*			
Matrix Spike Dup (2027001-MSD1)				**Source: P006089-01**					Prepared: 06/29/20 1 Analyzed: 06/29/20 2
Benzene	4.68	0.0250	5.00	ND	93.6	54.3-133	6.98	20	
Toluene	4.76	0.0250	5.00	ND	95.2	61.4-130	8.16	20	
Ethylbenzene	4.74	0.0250	5.00	ND	94.9	61.4-133	7.08	20	
p,m-Xylene	9.42	0.0500	10.0	ND	94.2	63.3-131	6.98	20	
o-Xylene	4.72	0.0250	5.00	ND	94.3	63.3-131	6.43	20	
Total Xylenes	14.1	0.0250	15.0	ND	94.2	0-200	6.80	200	
Surrogate: 4-Bromochlorobenzene-PID	*8.36*		*8.00*		*104*	*50-150*			

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DJR Operating, LLC	Project Name:	Nageezi 222H Site Delineation	
1 Rd 3263	Project Number:	17035-0210	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	07/02/20 12:51

Nonhalogenated Organics by EPA 8015D - DRO/ORO - Quality Control

Analyte	Result	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg		mg/kg					
Blank (2026028-BLK1)									Prepared & Analyzed: 06/30/20 1
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C40)	ND	50.0							
Surrogate: n-Nonane	*49.8*		*50.0*		*99.6*	*50-200*			
LCS (2026028-BS1)									Prepared & Analyzed: 06/30/20 1
Diesel Range Organics (C10-C28)	483	25.0	500		96.5	38-132			
Surrogate: n-Nonane	*52.9*		*50.0*		*106*	*50-200*			
Matrix Spike (2026028-MS1)				**Source: P006089-01**					Prepared & Analyzed: 06/30/20 1
Diesel Range Organics (C10-C28)	497	25.0	500	ND	99.5	38-132			
Surrogate: n-Nonane	*48.1*		*50.0*		*96.1*	*50-200*			
Matrix Spike Dup (2026028-MSD1)				**Source: P006089-01**					Prepared & Analyzed: 06/30/20 1
Diesel Range Organics (C10-C28)	483	25.0	500	ND	96.5	38-132	3.01	20	
Surrogate: n-Nonane	*47.4*		*50.0*		*94.9*	*50-200*			

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DJR Operating, LLC	Project Name:	Nageezi 222H Site Delineation	
1 Rd 3263	Project Number:	17035-0210	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	07/02/20 12:51

Nonhalogenated Organics by EPA 8015D - GRO - Quality Control

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level	Source Result mg/kg	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (2027001-BLK1)									Prepared & Analyzed: 06/29/20 1
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.26*		*8.00*		*90.8*	*50-150*			
LCS (2027001-BS2)									Prepared & Analyzed: 06/29/20 1
Gasoline Range Organics (C6-C10)	47.8	20.0	50.0		95.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.21*		*8.00*		*90.1*	*50-150*			
Matrix Spike (2027001-MS2)				**Source: P006089-01**					Prepared: 06/29/20 1 Analyzed: 06/29/20 2
Gasoline Range Organics (C6-C10)	49.1	20.0	50.0	ND	98.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.00*		*8.00*		*87.6*	*50-150*			
Matrix Spike Dup (2027001-MSD2)				**Source: P006089-01**					Prepared: 06/29/20 1 Analyzed: 06/29/20 2
Gasoline Range Organics (C6-C10)	47.1	20.0	50.0	ND	94.3	70-130	4.05	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.06*		*8.00*		*88.2*	*50-150*			

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DJR Operating, LLC	Project Name:	Nageezi 222H Site Delineation	
1 Rd 3263	Project Number:	17035-0210	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	07/02/20 12:51

Anions by EPA 300.0/9056A - Quality Control

Analyte	Result	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg		mg/kg					
Blank (2027009-BLK1)									Prepared: 06/30/20 0 Analyzed: 06/30/20 1
Chloride	ND	20.0							
LCS (2027009-BS1)									Prepared: 06/30/20 0 Analyzed: 06/30/20 1
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2027009-MS1)					**Source: P006089-01**				Prepared: 06/30/20 0 Analyzed: 07/01/20 1
Chloride	1300	20.0	250	1100	81.4	80-120			
Matrix Spike Dup (2027009-MSD1)					**Source: P006089-01**				Prepared: 06/30/20 0 Analyzed: 07/01/20 1
Chloride	1300	20.0	250	1100	79.8	80-120	0.306	20	M2

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 my differ slightly.

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DJR Operating, LLC	Project Name:	Nageezi 222H Site Delineation	
1 Rd 3263	Project Number:	17035-0210	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	07/02/20 12:51

Notes and Definitions

M2	Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
**	Methods marked with ** are non-accredited methods.

Soil data is reported on an "as received" weight basis, unless reported otherwise.

Received by OCD: 9/15/2020 8:48:23 AM

Project Information

Chain of Custody

Client: DJR	Report Attention	Lab Use Only		TAT		EPA Program		
Project: Nageezi 222H Site Delineation	Report due by:	Lab WO#	Job Number	1D	3D	RCRA	CWA	SDWA
Project Manager: F.Aragon	Email:	P006089	17035-0210					
Address:	Address:	Analysis and Method				State		
City, State, Zip	City, State, Zip					NM	CO	UT / AZ
Phone: IGarcia, DPorter, CGreen	Phone:					X		
Email: Gcrabtree Admin Bhall Faragon Tknight								

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/GRO/ORO	8021	Cl	Remarks
1145	6/25/2020	S	2	SB-1 @ 4.5 ft	1	X	X	X	2-4oz jars cool
1200				SB-1 @ 5 ft	2	X	X	X	
1210				SB-2 @ 4.5 ft	3	X	X	X	
1220				SB-2 @ 5 ft	4	X	X	X	
1240				SB-3 @ 4.5 ft	5	X	X	X	
1250				SB-3 @ 5 ft	6	X	X	X	
1300				SB-4 @ 4.5 ft	7	X	X	X	
1310				SB-4 @ 5 ft	8	X	X	X	
1320				SB-5 @ 4.5 ft	9	X	X	X	
1330				SB-5 @ 5 ft	10	X	X	X	

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Britton Hale

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only
Britton Hale	6/25/20	1451	Raina Lopez	6/25/20	14:53	Received on ice: (Y) / N
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	T1 T2 T3 AVG Temp °C 4

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

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

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech Analytical Laboratory

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