District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

)

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Incident ID	NRM2026544514
District RP	
Facility ID	
Application ID	10184

Release Notification

Responsible Party

Responsible Party: DJR Operating, LLC	OGRID 371838	
Contact Name: Larissa FarrellContact 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_

(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# (<i>if applicable</i>) 30-045-35480	

Unit Letter	Section	Township	Range	County
М	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)
G (D) G	· · · · · · · · · · · · · · · · · · ·	

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.

	Oil	Conserv	vation	Div	isio	n
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Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the responsible party consider this a major release?
🗌 Yes 🖾 No	
If YES, was immediate no	otice 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

 \square The source of the release has been stopped.

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

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

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

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

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

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

Title:Regulatory Specialist
Date:9/14/2020
Telephone: _505-444-0289
Date:
-

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Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	(ft bgs)
Did this release impact groundwater or surface water?	🗌 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
- \boxtimes Depth to water determination
- Determination of water sources and significant watercourses within ¹/₂-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.

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Page 4 Oil Conservation Division Incident ID Incident ID District RP Facility ID Application ID Incident ID Incident ID Incident ID Incintrethem Inci	Received by OCD: 9/16/2 Form C-141	020 12:00:22 AM State of New Mexico			Page 4 of 8
Image: Construct At 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:			n		
Application ID 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	Tage 4	On Conservation Divisio	511		
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	regulations all operators ar public health or the enviro failed to adequately invest addition, OCD acceptance and/or regulations. Printed Name: _Larissa Signature:	e required to report and/or file certain release nment. The acceptance of a C-141 report by t igate and remediate contamination that pose a of a C-141 report does not relieve the operato Farrell	notifications and perform of he OCD does not relieve th threat to groundwater, surf of responsibility for comp Title:Regulatory S Date: _9/14/2020	corrective actions for rele te operator of liability sh ace water, human health pliance with any other fe Specialist	eases which may endanger ould their operations have or the environment. In deral, state, or local laws
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	Received by:		Date:		

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Oil Conservation Division

<u>Remediation Plan Checklist</u>: Each of the following items must be included in the plan.

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Remediation 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: ________ Date: ____9/14/2020______ email: <u>lfarrell@djrllc.com</u> Telephone: _505-444-0289_____ OCD Only Received by: Date: Approved Approved with Attached Conditions of Approval Denied Deferral Approved Signature: Date:

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Oil Conservation Division

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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.

<u>Closure Report Attachment Checklist</u>: Each of the following	items must be included in the closure report.
\square A scaled site and sampling diagram as described in 19.15.29.	11 NMAC
Photographs of the remediated site prior to backfill or photographs be notified 2 days prior to liner inspection)	s of the liner integrity if applicable (Note: appropriate OCD District office
Laboratory analyses of final sampling (Note: appropriate OD	C District office must be notified 2 days prior to final sampling)
Description of remediation activities	
and regulations all operators are required to report and/or file certa may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and re- human health or the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regul restore, reclaim, and re-vegetate the impacted surface area to the co- accordance with 19.15.29.13 NMAC including notification to the O	ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in
Signature:	
email: _lfarrell@djrllc.com	Telephone:505-444-0289
OCD Only	
Received by:	Date:
	y of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible /or regulations.
Closure Approved by:	Date:01/28/2022
Printed Name: Nelson Velez	Title:Environmental Specialist – Adv

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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: <u>lfarrell@djrllc.com</u>

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.

Hall any

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

Enclosure: Spill Delineation Report

Cc: Client File Number 17035

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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



JIR Operating, LLC

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

Prepared By:

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DJR OPERATING, LLC. Spill Delineation Report Nageezi 222H Well Site San Juan County, New Mexico

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DJR Operating, LLC. Spill Delineation Report Nageezi 222H Well Site, San Juan County, NM Project Number 17035-0210 July 16, 2020 Page 1

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	-		Limit	
	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	
≥100 feet	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*.



DJR Operating, LLC. Spill Delineation Report Nageezi 222H Well Site, San Juan County, NM Project Number 17035-0210 July 16, 2020 Page 2

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'

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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

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DJR Operating, LLC. Spill Delineation Report Nageezi 222H Well Site, San Juan County, NM Project Number 17035-0210 July 16, 2020 Page 4

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*.

5796 US Highway 64, Farmington, NM 87401

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DJR Operating, LLC. Spill Delineation Report Nageezi 222H Well Site, San Juan County, NM Project Number 17035-0210 July 16, 2020 Page 5

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:

ittany Hall

Brittany Hall Environmental Field Technician <u>bhall@envirotech-inc.com</u>

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

24 Hour Emergency Response Phone (800) 362-1879

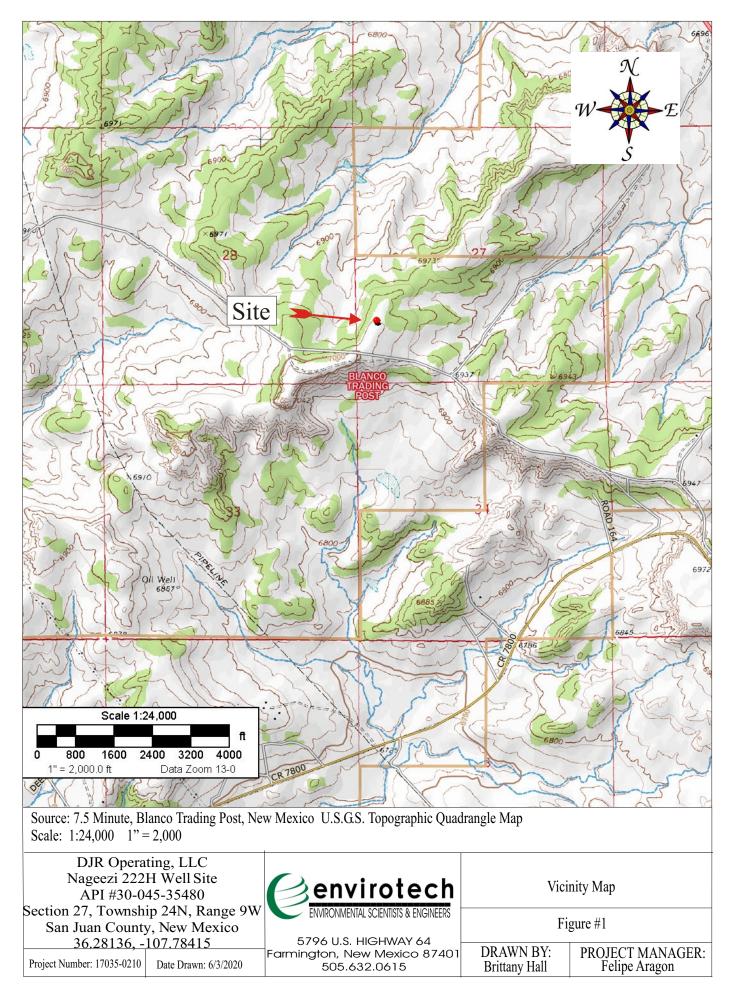
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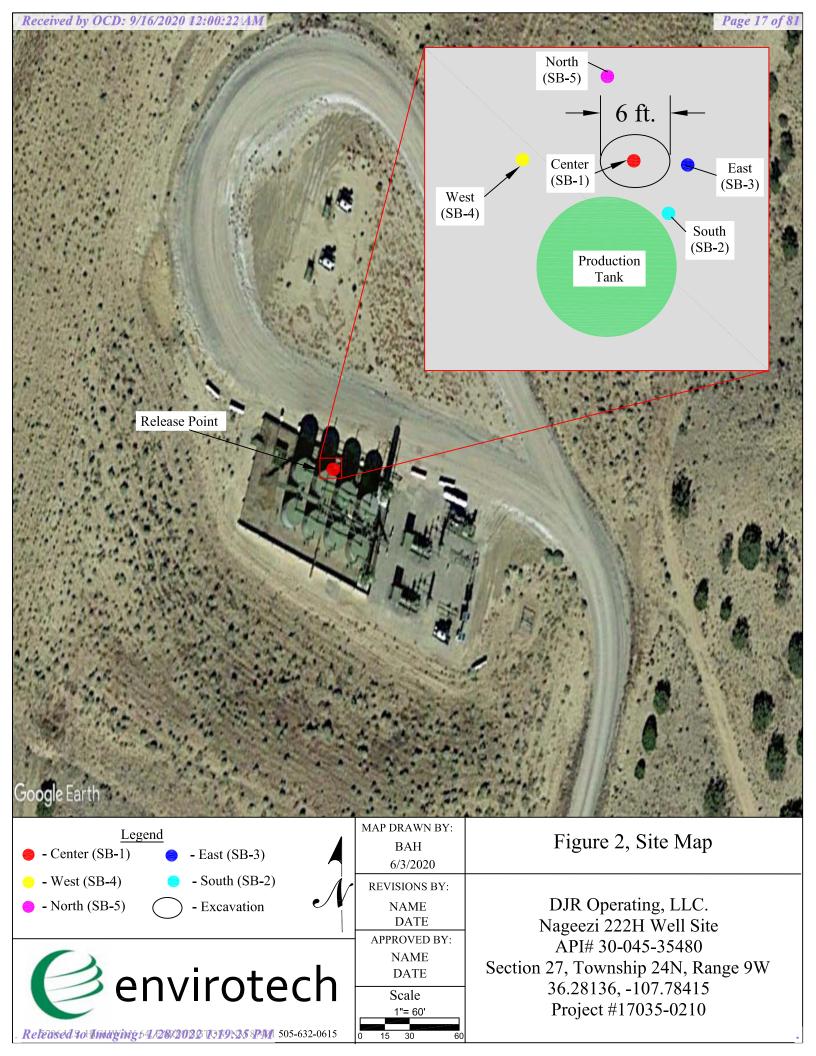
FIGURES

Figure 1, Vicinity Map

Figure 2, Site Map







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

			OVM-PID	EP	A Method 8	015	EPA Me	ethod 8021	EPA Method 300.0
Sample Description	Date	Sample Depth	Reading (ppm)	GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	Benzene (mg/kg)	Total BTEX (mg/kg)	Chlorides (mg/kg)
NA	AOCD Reclamatic	on Criteria (19.15.29.	.13 (D) NMAC)		100 mg/kg				600 mg/kg
		NMOCD Release C (Table 1 - 19.13			mg/kg 2,500 mg/kg	3	10 mg/kg	50 mg/kg	20,000 mg/kg
Center @ 2'		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'	5/15/2020	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		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	6/25/2020	4.5 feet	3.4	<20.0	<25.0	<50.0	< 0.025	< 0.1	1,600
SB-3 @ 5 ft	0/23/2020	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



APPENDIX A

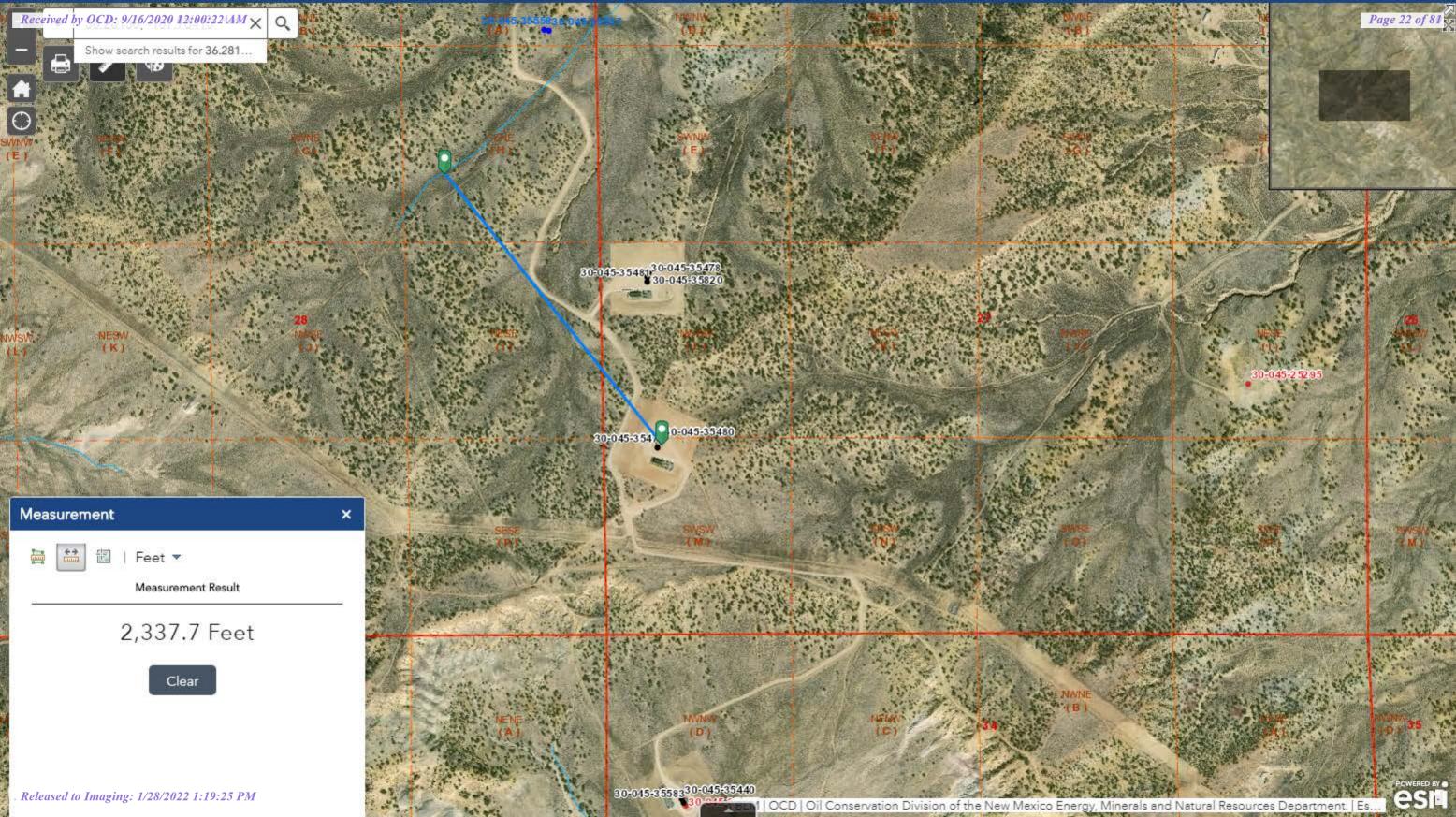
Siting Criteria Documentation



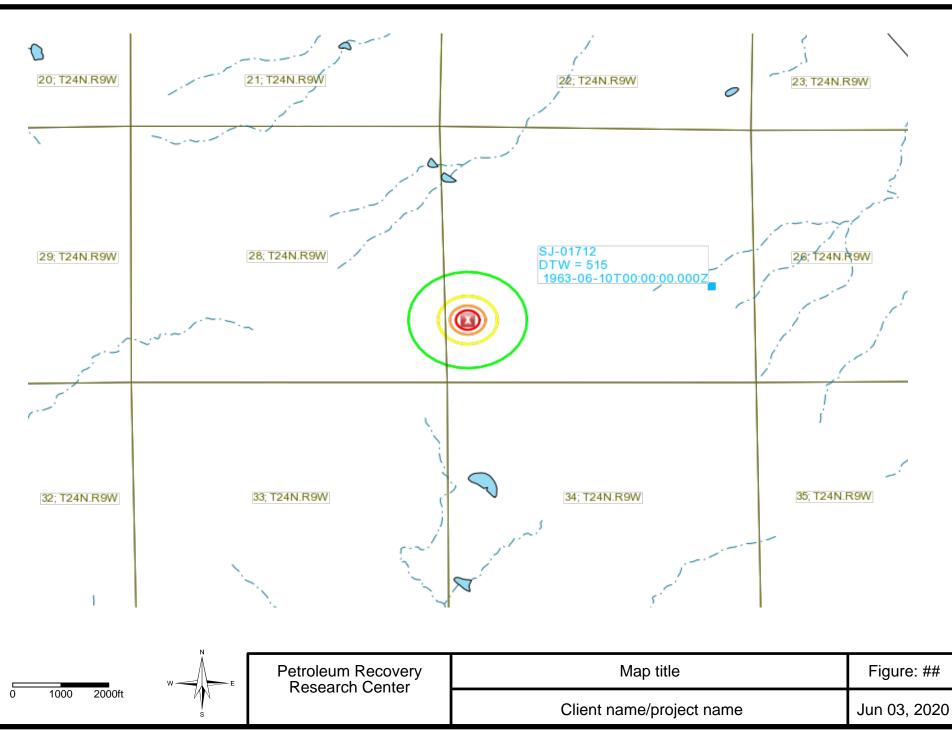
Site Name:	Nageezi 222H			
API #:	API #: 30-045-35480			
Lat/Long:	36.28136, -107.78415			
	Sec 27 T24N R9V			
Land Jurisdiction:				
	San Juan			
	Suil Juui			
Wellhead Protection Area Assessment				
Water Source Type (well/spring/stock	m	T a 4 ⁴ 4 and a	I an aite da	Distance
pond)	ID	Latitude	Longitude	Distance
None				
Distance to Nearest Significant Watercourse				
2,337 feet to "blue line" unnamed dry arroyo				
Depth to Groundwater Determination	r			
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	
			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 wi	thin a defined mun	nicipal fresh v	vater well	No
<300' of a wetland				No
Within the area overlying a subsurface mine				No
				No
			No	
DTW Determination		50-100	>100 🗸	
Benzene	-	10	10	
BTEX (mg/kg)		50	50	
8015 TPH (GRO/DRO) (mg/kg)		1,000	1,000	
8015 TPH (GRO/DRO/MRO) (mg/kg)	100	2,500	2,500	
Chlorides (mg/kg)	600	10,000	20,000	



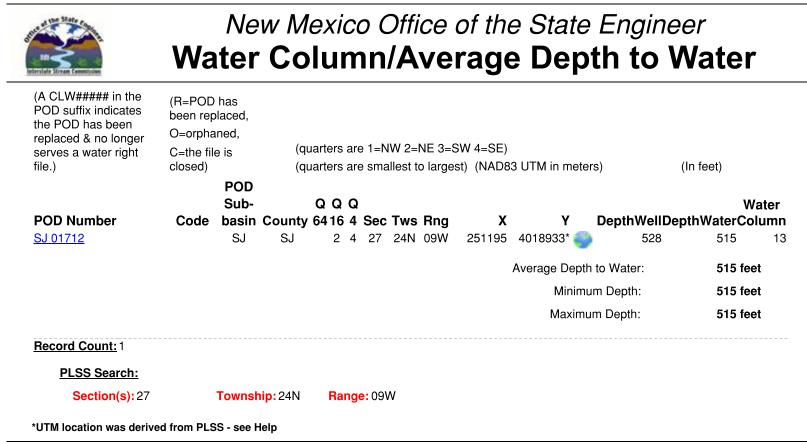
Practical Solutions of a Better Tomorrow







Page 23 of 81



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

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	
	Excavato	or 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:	<u>enviro admin</u>
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

FacilityWork PerformedAction CodePipelineCleared

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

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:							
Name	<u>Manually</u> <u>Added</u>						
DJR OPERATING. LLC - GHOST MIDSTREAM	False						
ENTERPRISE PROD. (MID-AMERICA P/L) - SAN JUAN	False						
	<u>Name</u> DJR OPERATING. LLC - GHOST MIDSTREAM						

APPENDIX C

Site Photography





Picture 1: View of Well Site Sign



Picture 2: View of Release



Picture 3: View of Center Bore Hole



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



Picture 5: View of South Bore Hole

June 25, 2020



Picture 6: View of SB-1



Picture 7: View of SB-2 and Excavation



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

APPENDIX D

Field Notes

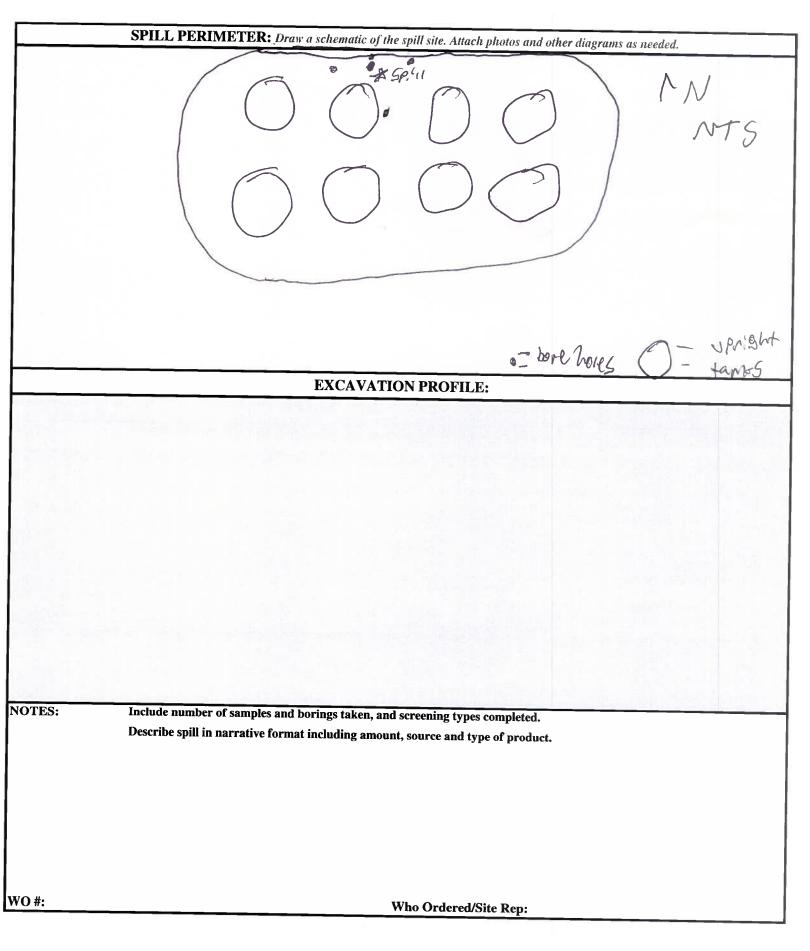


<i>Received by OCD:</i> CLIENT:			M			<u> </u>	<u> </u>			Page 35 of 8				
CLIENT/JOB #:		35-0210					Envmtl. S	-		DC				
START DATE:					iroted		C.O.C. No	:	10					
	5/19	120		(505) 632-0615 (800) 362-1879 5796 U.S. Hwy 64, Farmington, NM 8748			LAT		36.28136					
FINISH DATE:	<u> </u>		-				LONG -107,			,78415				
Page # of														
Field Report: Spill Closure Verification														
NMOCD Ranking:	OCD Ranking:			Depth to GW:			WH Prote	ection Area: No Yes						
NMOCD TPH Closure Std.: Distance to SW: LOCATION: Name:														
LOCATION:								API: 30-0	45-3	5480				
	County: San Juan County State: NEW MEX. 20													
Cause of Release:				_			L.	Amt. Releas						
QUAD/UNIT	:_ <u>M</u> _	SEC	:_ 27	TWP	: 24N	RNG:	9W	PM	Sand	MA COUNTY				
Wallhood Latt and 36 2812(10 - 5														
Spill Located Approximately: 10 FT. FROM Wellhead														
Excavation Approx:				FT. X		FT	Cubic Yard							
Disposal Facility:		-			Remediaton 1		Cubic Talu	age:	<u> </u>					
Land Use:				ے Lease: 5	tate		Land Owne	- (, , , p						
					B.1 ANLAYS			- Staye	_					
SAMPLE DESCRI	PITION	TIME	SAMPLE I.D			mL FREON	DILUTION	READING	CA	LC. ppm				
200 SLA		12:35	200 57	<i>:p</i>	5	20	Ч	197						
500 540		12:36	500 St.	Q	5	20	4	482						
(enter a 31		12:46			5	20	Ц	919	36	76 ppn				
Center @ 2'		12:54	2		5	20	Ч	1431	5-7	, <u>(6 ppn1</u>				
South @ 41		13:10	3		5	20	H	25		24 ppm				
1250 SKD		12:37			5	20	U U		100	ppm_				
						<u>├───</u>		1266						
		OVM D.	sulte		<u> </u>									
OVM Results Sample ID Field Headspace PID (ppm) Sample ID Field Headspace PID (ppm)							Lab Testing							
CARO 21	L		Sample ID	26, Epp		Sample ID		Analysis Type	Ti	ime				
<u>C & 3911'</u>	G	OYAPM	NQ 21	(S.Oppm	m									
NO 2	3		VQ 41	12-89m					/	<				
FQ 2	5.	3 pon								/				
EQ 4' 50 2'	21.	4 ppm				-/								
50 2"		2												

Meleased to Imaging: 1/28/2022 1:19:25 PM

CLIOFICE analysis 169 ppm 4.2 102 604 ppm 1 6 3 7,6 604 ppm 566 ppm N2 7.6 7.1, FNM 7600 ppm 7.8 1 E 2 60 H PPM 7.6 EY 201 ppm Ц.6 52 561 ppm 7.4 -5 4¹ 7600 ppm / W7' 8.4 7600 fpm 8.8 1W41

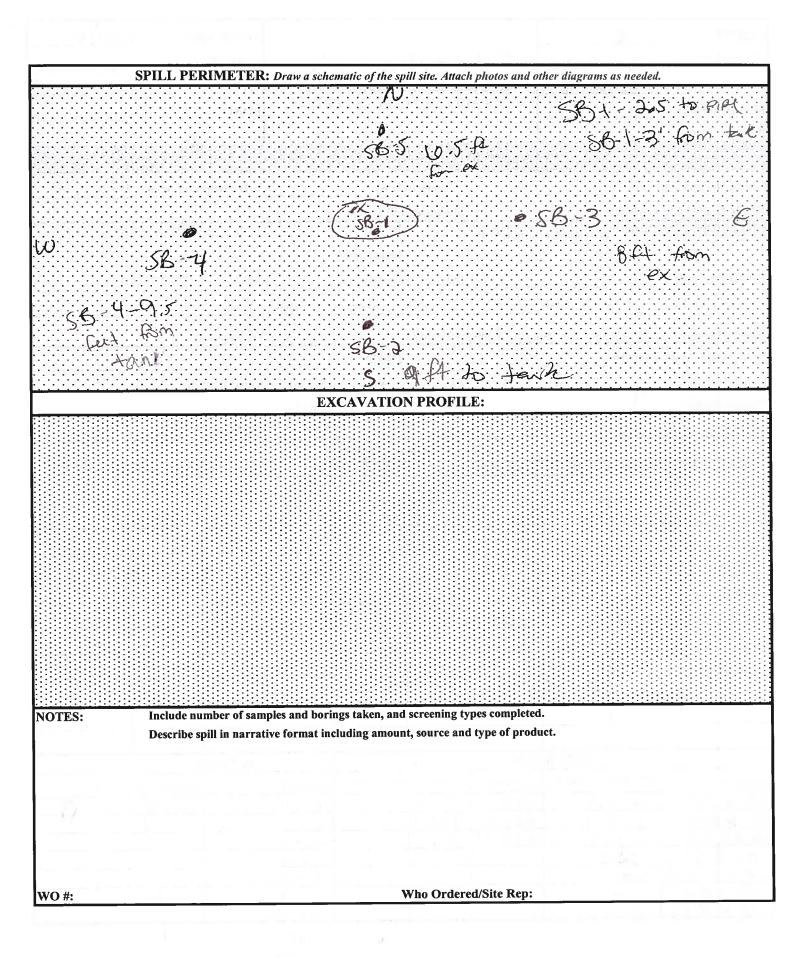
Jead 99 98 500 - 778 ca1 97 500 Nead 377 1250-4139 19-2-01 10-6-30 07 81 1772 Cal 357 Received by OCD: 9/16/2020 12:00:222/MM



CLIENT:	DIR					Envmtl. S	oclst:	BUICG
CLIENT/JOB #:	17035-0210	P	envi	roted	• h	C.O.C. No		2.10.1
START DATE:	6/25/2020			101CC		LAT		
FINISH DATE:	-102 10 Q- V_			, Farmington, N		LONG		
Page #	of					LONG		
	der ander state and the second	ield Repor	t: Spill (Closure V	erificatio	1 n	and a second second	
NMOCD Ranking:			Depth to			WH Prote	tion Arrow	No Yes
NMOCD TPH Clos			Distance t				tion Area:	
LOCATION:	Name: Nagrez	2224	Distance t	Well #:			API: 30, 7	145-33480
	County:	-001		State:NM)0* 0	
Cause of Release:			Material R				Amt. Release	:d:
QUAD/UNIT	ε SEC		-		RNG:	an	- PM:	
Wellhead Lat/Long:	36.28136-107.7	By Land.	- Jurisdiction:	54	-	QTR Foota		
Spill Located Approx	ximately:	FT.		FROM	18 16			
	FT. X		FT. X	Ч	FT.	Cubic Yard	age:	
Disposal Facility:	1		of loss a	Remediaton I				
Land Use:			Lease:			Land Owne	r:	
		F	IELD 418	1 ANLAYS				
SAMPLE DESCRI	SAMPLE DESCRIPITION TIME SAMPLE I.D. WEIGHT (g) mL FREON DILUTION READING CALC. ppm							
							-	
	<u> </u>	<u> </u>						
	OVM R	esults				Lab Testin	g	
Sample ID	Field Headspace PID (ppm)	Sample ID	Field Heads	bace PID (ppm)	Sample ID		Analysis Type	Time
SB-10-4.5'	2.160	SB405'	1.4		56104.5		8015 8021	
<u>58-1050</u>	203.7	SB5C45	10.0		Sple 5			
552051	30.0	SB5@5'	D.1		2620 4.5 5620 5		/	
5B304.5	3.4				5B20 4.5			
56305'	3.4				503e5			
564045	L3.5				SG4C4.5	-		
					56405			
Page 1 Of	_				SB5@4.5			/23/2015
	SRS(3 5							

18 fo 88 980d

SBSC3 J WWW.ZE200171 0207/91/6: (DOO LA pariasa)





CONTINUOUS CALIBRATION EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Cal. Date: 15-May-20 Standard Concentration Concentration Reading Parameter mg/L 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.

uttany Hall for

Analyst

Damon Carter				
Print Name	1			
(e	the frage			
Review				

Felipe Aragon, CES, CHMM Print Name 6/3/2020

Date

6/3/2020

Date



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		

		Det.
	Concentration	Limit
Parameter	(mg/kg)	(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.

Hall an for

Analyst

elija Review

Damon Carter Printed Felipe Aragon, CES, CHMM Printed



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		

		Det.
	Concentration	Limit
Parameter	(mg/kg)	(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.

Hall an for

Analyst

elija Review

Felipe Aragon, CES, CHMM Printed

Damon Carter Printed



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		

		Det.
	Concentration	Limit
Parameter	(mg/kg)	(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.

Hall an for

Analyst

Printed

eliza Review

Damon Carter

Felipe Aragon, CES, CHMM Printed

APPENDIX E

Laboratory Analytical Reports



Received by OCD: 9/16/2020 12:400:224AM



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:

Walter Hinking

Date: 5/26/20

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.

Ph (505) 632-0615 Fx (505) 632-1865

5796 Highway 64, Farmington, NM 87401



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.

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Ph (505) 632-0615 Fx (505) 632-1865



DJR Operating, LLC	Project	Name:	Nage	eezi 222H-Sp					
1 Rd 3263	Project	Number:	0713	35-0210				Reported:	
Aztec NM, 87410	Project	Manager:	Felip	e Aragon	05/26/20 10:14				
		Ce	nter @ 2	2'					
			57-01 (Se	olid)					
		Reporting							
Analyte	Result	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 - DR	D/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 - GR	0								
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	



DJR Operating, LLC	Project	Name:	Nage	eezi 222H-Sp					
1 Rd 3263	Project	Number:	0713	35-0210				Reported:	
Aztec NM, 87410	Project	Manager:	ger: Felipe Aragon						14
		Ce	nter @ 3	3'					
			57-02 (Se	olid)					
		Reporting							
Analyte	Result	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	



DJR Operating, LLC	Proje	ct Name:	Nageezi 222H-Spill Assessment and Soil Sampling						
1 Rd 3263	Proje	ct Number:	0713	5-0210				Reported:	
Aztec NM, 87410	Proje	ct Manager:	Felip	e Aragon	05/26/20 10:	14			
		No	orth @ 2	•					
			57-03 (So	olid)					
		Reporting							
Analyte	Result	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/OR	O								
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	



DJR Operating, LLC	Projec	t Name:	Nage	ezi 222H-Sp	mpling				
1 Rd 3263	Projec	t Number:	0713	5-0210				Reported:	
Aztec NM, 87410	Projec	t Manager:	Felip	e Aragon	05/26/20 10:14				
		No	orth @ 4	•					
		P0050	57-04 (So	olid)					
		Reporting							
Analyte	Result	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/OI	RO								
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	



DJR Operating, LLC	Project	t Name:	Nage	ezi 222H-Sp					
1 Rd 3263	Project	t Number:	0713	5-0210				Reported:	
Aztec NM, 87410	Project	t Manager:	Felip	e Aragon	05/26/20 10:14				
		Ε	ast @ 2'						
			57-05 (Se	olid)					
		Reporting							
Analyte	Result	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/O	RO								
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	



DJR Operating, LLC	Projec	t Name:	Nage	eezi 222H-Sp					
1 Rd 3263	Projec	t Number:	0713	35-0210				Reported:	
Aztec NM, 87410	Projec	t Manager:	Felip	e Aragon	05/26/20 10:14				
		E	ast @ 4'						
			57-06 (Se	olid)					
		Reporting							
Analyte	Result	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/OR	0								
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	



DJR Operating, LLC	Proje	ct Name:	Nage	ezi 222H-Sp					
1 Rd 3263	Proje	ct Number:	0713	5-0210				Reported:	
Aztec NM, 87410	Proje	ct Manager:	Felip	e Aragon	05/26/20 10:14				
		So	uth @ 2	•					
			57-07 (Se	olid)					
		Reporting							
Analyte	Result	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/OR	0								
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	



DJR Operating, LLC	Projec	t Name:	Nage	eezi 222H-Sp					
1 Rd 3263	Projec	t Number:	0713	5-0210				Reported:	
Aztec NM, 87410	Projec	t Manager:	Felip	e Aragon	05/26/20 10:14				
		So	uth @ 4	•					
			57-08 (Se	olid)					
		Reporting							
Analyte	Result	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/O	RO								
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	



DJR Operating, LLC	Proje	ect Name:	Nage	eezi 222H-Sp	ampling				
1 Rd 3263	Proje	ect Number:	0713	5-0210				Reported:	
Aztec NM, 87410	Proje	ect Manager:	Felip	e Aragon	05/26/20 10:14				
		W	'est @ 2'	,					
			57-09 (Se	olid)					
		Reporting							
Analyte	Result	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/OR	0								
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	



DJR Operating, LLC	Projec	t Name:	Nage	ezi 222H-Sp					
1 Rd 3263	Projec	t Number:	0713	5-0210				Reported:	
Aztec NM, 87410	Projec	t Manager:	Felip	e Aragon	05/26/20 10:14				
			'est @ 4'						
			57-10 (So	olid)					
		Reporting							
Analyte	Result	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/O	RO								
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	



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

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 A	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	l			
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			
o,m-Xylene	9.49	0.0500		10.0		94.9	70-130			
p-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)	Sou	irce: 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			
o,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)	Sou	ırce: P005054-	01	Prepared &	& Analyzed:	05/19/20 1	l			
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	
o,m-Xylene	10.2	0.0500		10.0	0.275	99.1	63.3-131	2.29	20	
p-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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5796 Highway 64, Farmington, NM 87401



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							
Dil 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)	Sou	rce: P005057-	01	Prepared: (05/19/20 1 A	Analyzed: 0	5/19/20 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)	Sou	rce: 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	
	61.5		"	50.0		123	50-200			

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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 - GRO - Quality Control

	En	virotech A	Analyti	cal Labor	atory					
Asslat	D14	Reporting	T.I	Spike	Source	0/DEC	%REC	DDD	RPD	Natar
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2021012 - Purge and Trap EPA 5030A										
Blank (2021012-BLK1)				Prepared: 0)5/19/20 1 A	Analyzed: 0	5/20/20 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)	Sour	ce: 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)	Sour	ce: 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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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 30	0.0/9056A									
Blank (2021015-BLK1)				Prepared: (05/20/20 0 A	Analyzed: 0	5/20/20 1			
Chloride	ND	20.0	mg/kg							
LCS (2021015-BS1)				Prepared: (05/20/20 0 A	Analyzed: 0	5/20/20 1			
Chloride	252	20.0	mg/kg	250		101	90-110			
Matrix Spike (2021015-MS1)	Sour	ce: P005057-	01	Prepared: (05/20/20 0 A	Analyzed: 0	5/20/20 1			
Chloride	3080	40.0	mg/kg	250	2850	92.1	80-120			
Matrix Spike Dup (2021015-MSD1)	Sour	ce: P005057-	01	Prepared: (05/20/20 0 A	Analyzed: 0	5/20/20 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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5796 Highway 64, Farmington, NM 87401

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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.

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Project	Informatio	n			Chain o	f Custody									Pa	age 🦯	of _/
Client: D	JR LLC				Report Attentio	on		N ISS	La	b Use	Only		1	ГАТ	EF	A Progra	am
	geezi 222H- Sp	oill Assessme	ent and Soil	Sampling	Report due by:		Lab	WO	#	JC	b Nur	nber	1D	3D	RCRA	CWA	SDWA
Project I	Manager:	F.Arag	gon		Email:		RC	T	S	57	0713	5-0210					
Address					Address:					An	alysis a	nd Met	hod			Sta	
City, Sta	te, Zip				City, State, Zip											NM CO	UT AZ
Phone:					Phone:												
Email: G	crabtree D	Ocarter F	aragon T	knight Bhall												×	
Time Sampled	Date Sampled	Matrix	No Containers	Sample ID		Lab Number	TPH	с'	втех							Ren	narks
9:34	5/15/2020	S	2		Center @ 2'	101.3	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'	Ц	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								
Additio	nal Instruc	tions:															
					vare that tampering with or intentionally mislabellin	ng the sample location,	date or	r time o	of collec	tion is						ce the day they °C on subsequer	
		With .		ampled by:Damon Car	A	Data		Time			Accessioner	- A STATISTICS					
	ned by: (Sign		Date	8/20 S!	Received by: (Signature)	Date	1/20	Time	00					abu	se Only		
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					ory with this COC. The liability of the labora											ana ang kana kana 🖷 tang kana sang Balan	an an an An Anna an Anna An
-	an	vir	ota	ech	P 10 - 117 10 1					DE LEAR	1233 6/17	to IFAD AND	1877				and at state
					5796 US Highway 64, Farmin Three Springs • 65 Mercado S		01201					Fx (505) 632				Inhoration	envirotech-inc.
-	А	naiyna		poratory	Intee springs • 65 Mercado S	orreet, some 115, oprango, CC	01301			111(970	233-0012	Fr (800) 362	10/3			laboratory	@envirotech-inc

Received by OCD: 9/16/2020 12:00:224AM



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:

Walter Hinkin

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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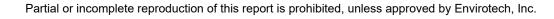
Page 63 of 81



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:	Nagee	zi 222H Site Delin	eation			
1 Rd 3263	Project Number:	17035-	-0210			Repor	ted:
Aztec NM, 87410	Project Manager	: Felipe	Aragon			07/02/20) 12:51
		5B-1 @4.5 ft					
[PO)6089-01 (Soli	d)				
		Reporting					
Analyte	Result	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/ORG) 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		



DJR Operating, LLC	Project Name:	Nagee	zi 222H Site Delin	eation			
1 Rd 3263	Project Number:	17035-	-0210			Repor	ted:
Aztec NM, 87410	Project Manager	: Felipe	Aragon			07/02/20) 12:51
		SB-1 @ 5 ft	D)				
	PUG)6089-02 (Soli	d)				
		Reporting					
Analyte	Result	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/ORG) 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		





DJR Operating, LLC	Project Name:	Nageez	zi 222H Site Delin				
1 Rd 3263	Project Number:	17035-	0210			Repor	ted:
Aztec NM, 87410	Project Manager	: Felipe	Aragon			07/02/20	12:51
		6B-2 @ 4.5 ft					
	P00)6089-03 (Soli	d)				
		Reporting					
Analyte	Result	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		





DJR Operating, LLC	Project Name:	Nagee	zi 222H Site Delin				
1 Rd 3263	Project Number:	17035-	-0210			Repor	ted:
Aztec NM, 87410	Project Manager	: Felipe	Aragon			07/02/20) 12:51
		SB-2 @ 5 ft					
	P00	06089-04 (Soli	d)				
		Reporting					
Analyte	Result	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	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/ORC	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		





DJR Operating, LLC	Project Name:	Nagee	zi 222H Site Delin				
1 Rd 3263	Project Number:	17035-	0210			Repor	ted:
Aztec NM, 87410	Project Manager	: Felipe	Aragon			07/02/20) 12:51
	S	B-3 @ 4.5 ft					
Γ	P00)6089-05 (Soli	d)				
		Reporting					
Analyte	Result	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	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/ORG) 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				06/30/20	07/01/20		



DJR Operating, LLC	Project Name:	Nagee	zi 222H Site Delin				
1 Rd 3263	Project Number:	17035-	-0210			Repor	ted:
Aztec NM, 87410	Project Manager	: Felipe	Aragon			07/02/20	12:51
		SB-3 @ 5 ft					
	P00	06089-06 (Soli	d)				
		Reporting					
Analyte	Result	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		





DJR Operating, LLC	Project Name:	Nageez	zi 222H Site Delin				
1 Rd 3263	Project Number:	17035-	-0210			Repor	ted:
Aztec NM, 87410	Project Manager	:: Felipe	Aragon			07/02/20	12:51
		SB-4 @ 4.5 ft					
	PO	06089-07 (Soli	d)				
		Reporting					
Analyte	Result	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/ORG) 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		



DJR Operating, LLC	Project Name:	Nagee	zi 222H Site Delin	eation			
1 Rd 3263	Project Number:	17035-	-0210			Repor	ted:
Aztec NM, 87410	Project Manager	: Felipe	Aragon			07/02/20) 12:51
		SB-4 @ 5 ft	N				
	POO	06089-08 (Soli	d)				
		Reporting					
Analyte	Result	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	0.0500 1 06/29		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	nions by EPA 300.0/9056A mg/kg					Batch:	2027009
Chloride	928	20.0	1	06/30/20	07/01/20		



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DJR Operating, LLC	Project Name:	Nageez	zi 222H Site Delin				
1 Rd 3263	Project Number:	17035-	0210			Repor	ted:
Aztec NM, 87410	Project Manager	: Felipe	Aragon			07/02/20	12:51
	S	5B-5 @ 4.5 ft					
	P00	06089-09 (Soli	d)				
		Reporting					
Analyte	Result	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:	Nageez	zi 222H Site Delin				
1 Rd 3263	Project Number:	17035-	0210			Repor	ted:
Aztec NM, 87410	Project Manager	: Felipe	Aragon			07/02/20	12:51
		SB-5 @ 5 ft					
	P00)6089-10 (Soli	d)				
		Reporting					
Analyte	Result	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 Deline	eation			
1 Rd 3263		Project Number:		17035-0210					Reported:
		5							•
Aztec NM, 87410		Project Manager:		Felipe Aragon	ļ				07/02/20 12:51
	Vol	atile Organics by	y EPA	8021B - Qu	ality Con	itrol			
		Reporting	Spike	Source		%REC		RPD	
Analyte	Result	Limit	Level	Result	%REC	Limits	RPD	Limit	Notes
	mg/kg	mg/kg		mg/kg					
Blank (2027001-BLK1)							Prepared	l & Analyze	d: 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	l & Analyze	d: 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: P	006089-01	Prepared	1: 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: P	006089-01	Prepared	1: 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 Deline	eation			
1 Rd 3263		Project Numbe	er:	17035-0210					Reported:
Aztec NM, 87410		Project Manag	er:	Felipe Aragon	L				07/02/20 12:51
	Nonhalogenate	d Organics by	⁷ EPA 80	15D - DRO	/ORO - (Quality C	ontrol		
		Reporting	Spike	Source		%REC		RPD	
Analyte	Result	Limit	Level	Result	%REC	Limits	RPD	Limit	Notes
	mg/kg	mg/kg		mg/kg					
Blank (2026028-BLK1)							Prepared	l & Analyze	d: 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	l & Analyze	d: 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: P	006089-01	Prepared	l & Analyze	d: 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: P	006089-01	Prepared	l & Analyze	d: 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	I Site Delin	eation			
1 Rd 3263		Project Numbe	er:	17035-0210					Reported:
Aztec NM, 87410		Project Manage	er:	Felipe Aragor	ı				07/02/20 12:51
	Nonhalogen	ated Organics	by EPA	A 8015D - G	RO - Qua	ality Cont	trol		
		Reporting	Spike	Source		%REC		RPD	
Analyte	Result	Limit	Level	Result	%REC	Limits	RPD	Limit	Notes
	mg/kg	mg/kg		mg/kg					
Blank (2027001-BLK1)							Prepared	l & 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	l & 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: P	006089-01	Prepared	l: 06/29/20 1 A	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: P	006089-01	Prepared	l: 06/29/20 1 A	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 222I	I Site Deline	ation				
1 Rd 3263		Project Numbe	r:	17035-0210					Reported:	
Aztec NM, 87410		Project Manage	oject Manager: Felipe Aragon					07/02/20 12:51		
Anions by EPA 300.0/9056A - Quality Control										
		Reporting	Spike	Source		%REC		RPD		
Analyte	Result	Limit	Level	Result	%REC	Limits	RPD	Limit	Notes	
	mg/kg	mg/kg		mg/kg						
Blank (2027009-BLK1)				Prepared: 06/30/20 0 Analyzed: 06/30/2			Analyzed: 06/30/20 1			
Chloride	ND	20.0								
LCS (2027009-BS1)				Prepared: 06/30/20 0 Analyzed: 06/30			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.

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Project Information	Chain of C			TAT		ge of
<u>ilient:</u> DJK roject: Naglezi 222H Site Delinet	Report Attention Report due by:	Lab WO#	Lab Use Only Lab WO# Job Number			A Program CWA SDW
Project Manager: F.Aragon	Email:	Lab w0#	17035-0210		RCRA	
Address:	Address:		Analysis and Meth			State
City, State, Zip	City, State, Zip					NM CO UT A
hone: Therein Diarte, Chreen	Phone:	2 () 2 ()				\sim
mail: Gcrabtree Admin Bhall Faragon_thnight		Lab				
Time Date Matrix No Sampled Sampled Matrix Containers Sample ID		Lab Number CI-				Remarks
147 6/25/2020 5 2 5F	5-104.5 ft	1 722				2-402 jars
1200 1 1 56	-1 @ 5 fi	$2 \times \times \times$				$\mathbf{\lambda}$
210 SB	.2@4,5ft	$3 \times \times \times$				
220 SB	-2C5A	4 X X X				
240 SB	·30: 4,5 ft	SXXX			$ \downarrow \downarrow$	
250 56.	-3@ 5 Ft	6 X X X				
300 SB	-4 C 4,5 ft	7 X X X			_	
30 58	4 C 5, ft	8 XXX				
	-5 C. 4,5 ft	9 KXX				
330 50	1-505 ft	10 XXX				/
dditional Instructions:						
(field sampler), attest to the validity and authenticity of this sample, tam an Insidered fraud and may be grounds for legal action. Sampled by:	ware that tampering with or intentionally mislabelling the TTM_{2}	e sample location, date or time of collect	on is Samples requiring thermal pro			
LindVished, by: (Signațure) Date / Time		Date Time		Lab Use	Only	
	151 Rain Laws	6125/20 14:5	Received on ice	: (Y)/ N		
finquished by: (Signature) Date Time	Received by: (Signature)	Date Time	T1	T2		ТЗ
Imple Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Oth	pr	Container Type: g - glas	AVG Temp ^o C	T	(- VOA	
ote: Samples are discarded 30 days after results are reported unle						alysis of the above
mples is applicable only to those samples received by the laborat	ory with this COC. The liability of the laboraotry	is limited to the amount paid for or	the report.	N		
Annutratask						
Analytical Laboratory	5796 US Highway 64. Farmington.	the second se	Ph (505) 632-0615 Fe (505) 632-11			analtztech And
	Three Springs - 65 Mercado Street,	Santa 215 Duran to Challant	Ph (970) 259-0615 Fr (800) 362-18			labratory in crediting

.

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Operator:	OGRID:
DJR OPERATING, LLC	371838
1 Road 3263	Action Number:
Aztec, NM 87410	10184
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By		Condition Date
nvelez	None	1/28/2022

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