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

State of New Mexico
Energy Minerals and Natural Resources Department

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

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

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party DJR Operating, LLC	OGRID 371838
Contact Name: Larissa Farrell	Contact Telephone: 505-444-0289
Contact email lfarrell@djrllc.com	Incident # *(assigned by OCD)* nRM2004156228
Contact mailing address	

Location of Release Source

Latitude 36.19184 Longitude -107.46381
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Gallo Canyon Unit 209H	Site Type: Well Site
Date Release Discovered: 2/6/2020	API# *(if applicable)* 30-043-21179

Unit Letter	Section	Township	Range	County
M	27	23N	06W	Sandoval

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) 70 BBLS	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

An estimated volume of 70 bbls of produced water leaked underneath the liner of the tank berm. The leak is suspected to have occurred from the separator water dump line that leads to the produced water tank, but ongoing investigation is underway. DJR dispatched a hydrovac truck to the site to expose the lines and begin recovering the produced water from the release. All the other wells on the pad have been shut-in and isolated.

Form C-141
Page 2

State of New Mexico
Oil Conservation Division

Incident ID	
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Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? The release of 70 bbls produced water exceeds the volume threshold of 25 bbls under the definition of a major release.

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
Email notification was made on the same day as the release (2/7/2020) and was sent to Cory Smith of the NMOCD-Aztec District Office with a cc to Jim Griswold of the Santa Fe NMOCD office. Notification was sent by Dave Brown with DJR Operating, LLC.

Initial Response

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

☒ The source of the release has been stopped.
☒ The impacted area has been secured to protect human health and the environment.
☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
☒ All free liquids and recoverable materials have been removed and managed appropriately.

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

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

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

Printed Name: _Larissa Farrell_____ Title: ____Regulatory Specialist_____

Signature: _____ Date: __6/5/2020_____

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

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

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

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

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

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

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

State of New Mexico
Oil Conservation Division

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

Printed Name: ___Larissa Farrell_____ Title: __Regulatory Specialist_____

Signature: Larissa Farrell Date: _06/05/2020_____

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

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Remediation Plan

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

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

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

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

☒ Extents of contamination must be fully delineated.

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

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

Printed Name: __Larissa Farrell_____ Title: __Regulatory Specialist_____

Signature: _____ Date: _6/5/2020_____

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

OCD Only

Received by: _____ Date: _____

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

Signature: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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

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

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

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

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

☒ Description of remediation activities

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

Printed Name: __Larissa Farrell_____ Title: ___Regulatory Specialist_____

Signature: _____ Date: __6/5/2020_____

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

OCD Only

Received by: _____ Date**:** _____

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

Closure Approved by: Nelson Velez Date**:** 01/28/2022

Printed Name: Nelson Velez Title: Environmental Specialist – Adv

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June 4, 2020

Project #17035-0178
NMOCD Incident #nRM2004156228

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

Phone: (505) 632-3476
E-mail: lfarrell@djrllc.com

RE: Produced Water Release Delineation at the Gallo Canyon 209H Well Site, Located in Section 27, Township 23 North, Range 6 West, Sandoval County, New Mexico

Dear Ms. Farrell,

Envirotech, Inc. (Envirotech) of Farmington, New Mexico, was retained by DJR Operating, LLC (DJR) to provide release assessment and site delineation activities for a produced water release that occurred at the Gallo Canyon 209H well site (API: 30-043-21179) located in Section 27, Township 23 North, Range 6 West, Sandoval County, New Mexico; see enclosed **Figure 1, *Vicinity Map.***

RELEASE ASSESSMENT

The subject release was discovered on February 6, 2020. Upon discovery, a hydro-vacuum truck was dispatched to the location to expose the compromised line for repair and begin recovery efforts of the produced water that had collected in the repair trench.

Envirotech arrived at the site on February 13, 2020, to collect assessment soil samples from within the subject trench. The trench dimensions were approximately 15 feet by 4 feet by 3 feet below ground surface (bgs). Five-point composite soil samples were collected from the north wall, south wall, and base of the trench for a total of three (3) soil samples. A sample was not able to be collected from the east wall, nearest the containment, due to the accumulated produced water that had infiltrated the trench. Envirotech reported this finding to DJR and a vacuum truck was dispatched to the site for additional fluid recovery efforts.

The soil samples were placed into individual laboratory provided 4-ounce jars, capped head space free, and transported ohn ice to Envirotech Analytical Laboratory. The samples were analyzed for total petroleum hydrocarbons (TPH) as gasoline, diesel, and oil range organics (GRO/DRO/ORO) using EPA Method 8015D; benzene, toluene, ethylbenzene, and total xylenes (BTEX) using EPA Method 8021B; and chlorides using EPA Method 300.0.

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Regulatory Standards

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:

- TPH (GRO+DRO) – 1,000 mg/kg
- TPH (GRO+DRO+ORO) – 2,500 mg/kg
- BTEX - 50 mg/kg
- Benzene - 10 mg/kg
- Chloride – 20,000 mg/kg

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

Release Assessment Laboratory Analytical Results

The laboratory analytical results were below applicable release closure criteria for TPH, BTEX, benzene, and chlorides in all soil samples analyzed. Laboratory analytical results are appended in the enclosed **Table 1, *Summary of Soil Analytical Results*** and **Appendix B**, ***Laboratory Analytical Results***.

Confirmation Sampling and Laboratory Analytical Results

Based on the laboratory analytical results, DJR scheduled confirmation soil sampling with NMOCD on March 5, 2020. NMOCD representative, Mr. Cory Smith was on-site to observe the sample collection activities. Based on the east wall under the containment now being dry and exposed, Mr. Smith only requested a confirmation soil sample be collected from the east wall. a 5-point composite sample was collected per the previously discussed protocol and submitted for laboratory analysis. Concentrations of all contaminants of concern were reported below applicable release closure criteria (*19.15.29.12 NMAC).* Laboratory analytical results are appended in the enclosed **Table 1, *Summary of Soil Analytical Results*** and **Appendix B**, ***Laboratory Analytical Results***.

Recommendations

Based on the assessment and confirmation sample results, Envirotech recommends requesting **No Further Action** from NMOCD regarding the subject produced water release. However, based on the shallow depths of the impacted area; elevated TPH and chloride concentrations; and the active status of the well site, a reclamation deferral may be requested from NMOCD. The below sections discuss the site delineation activities that are required for the reclamation deferral request.

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SITE DELINEATION ACTIVITIES

Prior to field activities, an underground utility locate request was submitted to New Mexico 811 on May 1, 2020. Copies of the notification is provided in **Appendix C, *Notifications***.
Envirotech personnel arrived at the site on May 6, 2020, to conduct site delineation activities. Upon arrival, a job safety analysis (JSA) and site assessment was performed before delineation activities commenced. Utilizing a hand auger, six (6) soil borings were advanced into the subsurface in proximity of the subject release area. The soil borings were installed in the four (4) cardinal directions of the area of the release. Delineation activities are documented in the enclosed **Figure 2, *Site Map with Background Sample Location,* Figure 3, *Soil Sample Location Map,*** and **Appendix D, *Photography Log***.

Field Screening

Soil samples were collected at 2-foot intervals in each boring for field screening. 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, four samples: Inside Containment @ 4', North of Containment @ 4', West of Containment @ 4', and East of Containment @ 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 E, *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:

- Containment @ 2'
- Containment @ 4'
- 4' North of Containment @ 2'
- 4' North of Containment @ 4'
- 8' West of Containment @ 2'
- 8' West of Containment @4'
- 4' East of Containment @ 2'
- 4' East of Containment @ 4'
- 6' East of Tanks @ 2'
- 6' East of Tanks @ 4'
- South of Tanks @ 2'
- South of Tanks @ 4'
- Background @ 2'
- Background @ 4'

Note, the background sample location was upgradient of the well site in an undisturbed area; see enclosed ***Figure 2, Site Map with Background Sample Location***. 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:

- TPH (GRO+DRO) – 100 mg/kg
- BTEX - 50 mg/kg
- Benzene - 10 mg/kg
- Chloride – 600 mg/kg

All soil samples analyzed were below laboratory detection limits and applicable reclamation criteria for TPH, BTEX, and benzene in all soil samples analyzed. Chloride concentrations were above reclamation criteria in all samples collected except for the following:

Chloride Delineation Summary Table

Above		Below	
Sample ID	**Result**	**Sample ID**	**Result**
Containment @ 2'	2,440 mg/kg	8’ West of Containment @ 2’	352 mg/kg
Containment @ 4'	1,570 mg/kg	8’ West of Containment @ 4’	340 mg/kg
4' North of Containment @ 2'	1,830 mg/kg	4’ East of Containment @ 2’	28.3 mg/kg
4' North of Containment @ 4'	649 mg/kg	4’ East of Containment @ 4’	122 mg/kg
6' East of Tanks @ 2'	754 mg/kg	Background @ 2’	24 mg/kg
6' East of Tanks @ 4'	936 mg/kg	Background @ 4’	32.1 mg/kg
South of Tanks @ 2'	1,800 mg/kg		
South of Tanks @ 4'	749 mg/kg		

Laboratory analytical results are appended in the enclosed **Table 1, *Summary of Soil Analytical Results*** and **Appendix B**, ***Laboratory Analytical Results***. **Figure 3, *Sample Location Map*** further illustrates the inferred chloride plume that remains in the upper 4 feet beneath the subject containment and extending slightly north outside of containment.

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SUMMARY AND CONCLUSIONS

Based on release assessment activities and laboratory analytical results confirming that concentrations of contaminants of concern are below applicable release closure criteria (*19.15.29.12 NMAC*) at the active well site, Envirotech recommends requesting **No Further Action** from NMOCD regarding the produced water release.

However, due to the shallow depth of the release, NMOCD's internal policy requires that the upper 4 feet of a remediation area meet reclamation closure standards, including areas still in use. Based on this policy, chloride levels are above the reclamation closure standard of 600 mg/kg beneath the subject tanks and containment and extending to the north of the containment. Also, TPH concentrations were recorded above reclamation closure standards in the east wall of the original repair trench, which appears to be a point source based on delineation results.

Envirotech recommends the following options for the subject site to address NMOCD's reclamation closure standards (*19.15.29.13(D) NMAC*):

1. Excavate soil above reclamation closure criteria and conduct confirmation sampling of the excavation.
2. Requesting a reclamation deferral from NMOCD since the residual contaminants are below the applicable release closure criteria; depth to groundwater is greater than 100 feet bgs; and the site is an active well site.

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.

Sincerely,

ENVIROTECH INC.

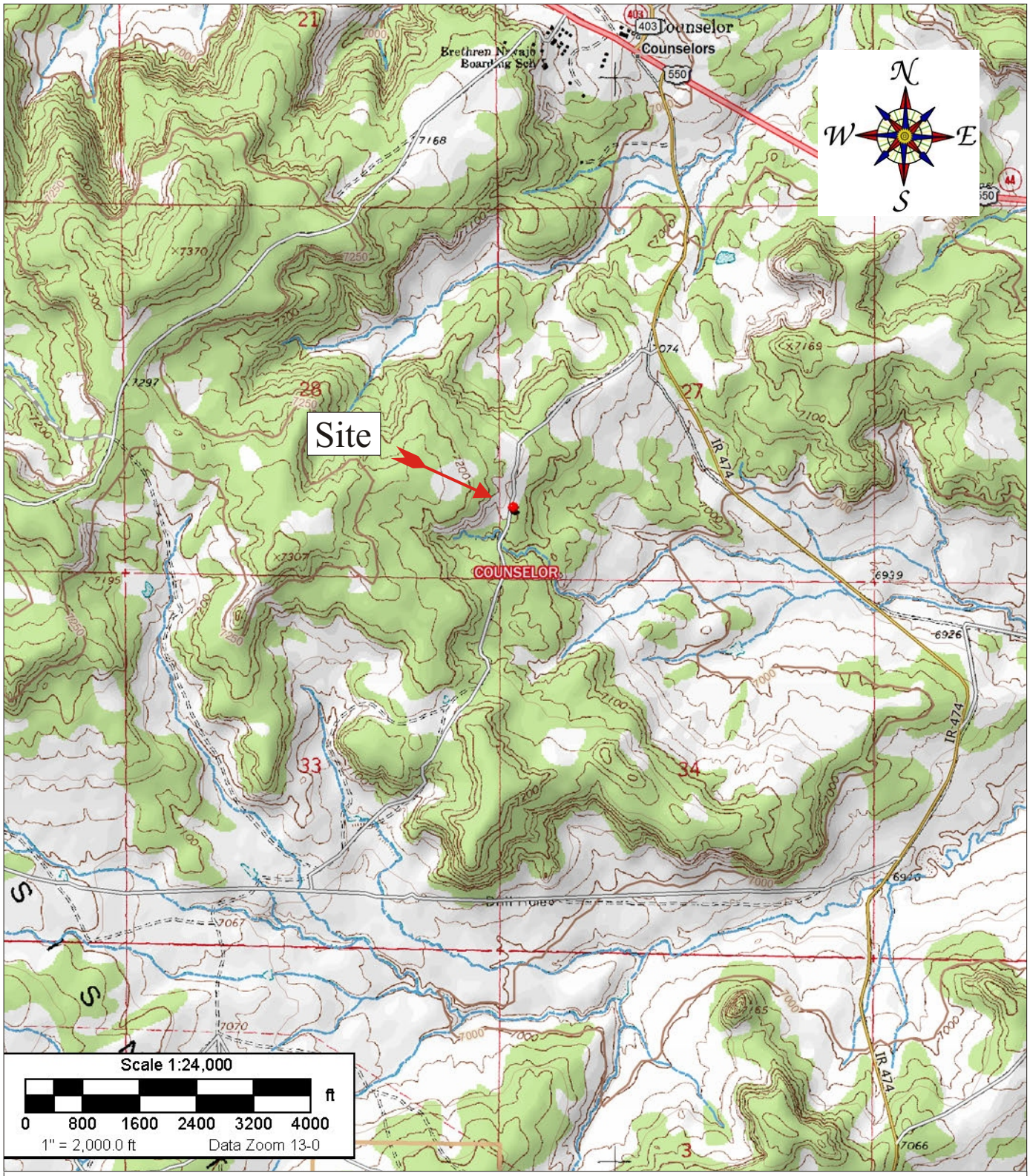
Brittany Hall

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

envirotech

Enclosures: Figure 1, *Vicinity Map*
Figure 2, *Site Map with Background Sample Location*
Figure 3, *Soil Sample Location Map*
Table 1, *Summary of Soil Analytical Results*
Appendix A, *Siting Criteria Documentation*
Appendix B, *Laboratory Analytical Results*
Appendix C, *Notifications*
Appendix D, *Photography Log*
Appendix E, *Field Notes with EPA 418.1 Reports*

Cc: Client File 17035



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

DJR Operating, LLC Gallo Canyon Unit 209H Well Site API #30-043-21179 Section 27, Township 23N, Range 6W 36.19185, -107.46382	envirotech ENVIRONMENTAL SCIENTISTS & ENGINEERS 5796 U.S. HIGHWAY 64 Farmington, New Mexico 87401 505.632.0615	Vicinity Map Figure #1	
Project Number: 17035-0178 / Date Drawn: 6/2/2020		DRAWN BY: Brittany Hall	PROJECT MANAGER: Felipe Aragon

Chloride Results	
Background @ 2'	24 mg/kg
Background @ 4'	32.1 mg/kg

Legend

- Background Sample
- Release Area

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MAP DRAWN BY: BAH 6/2/2020

REVISIONS BY: NAME DATE

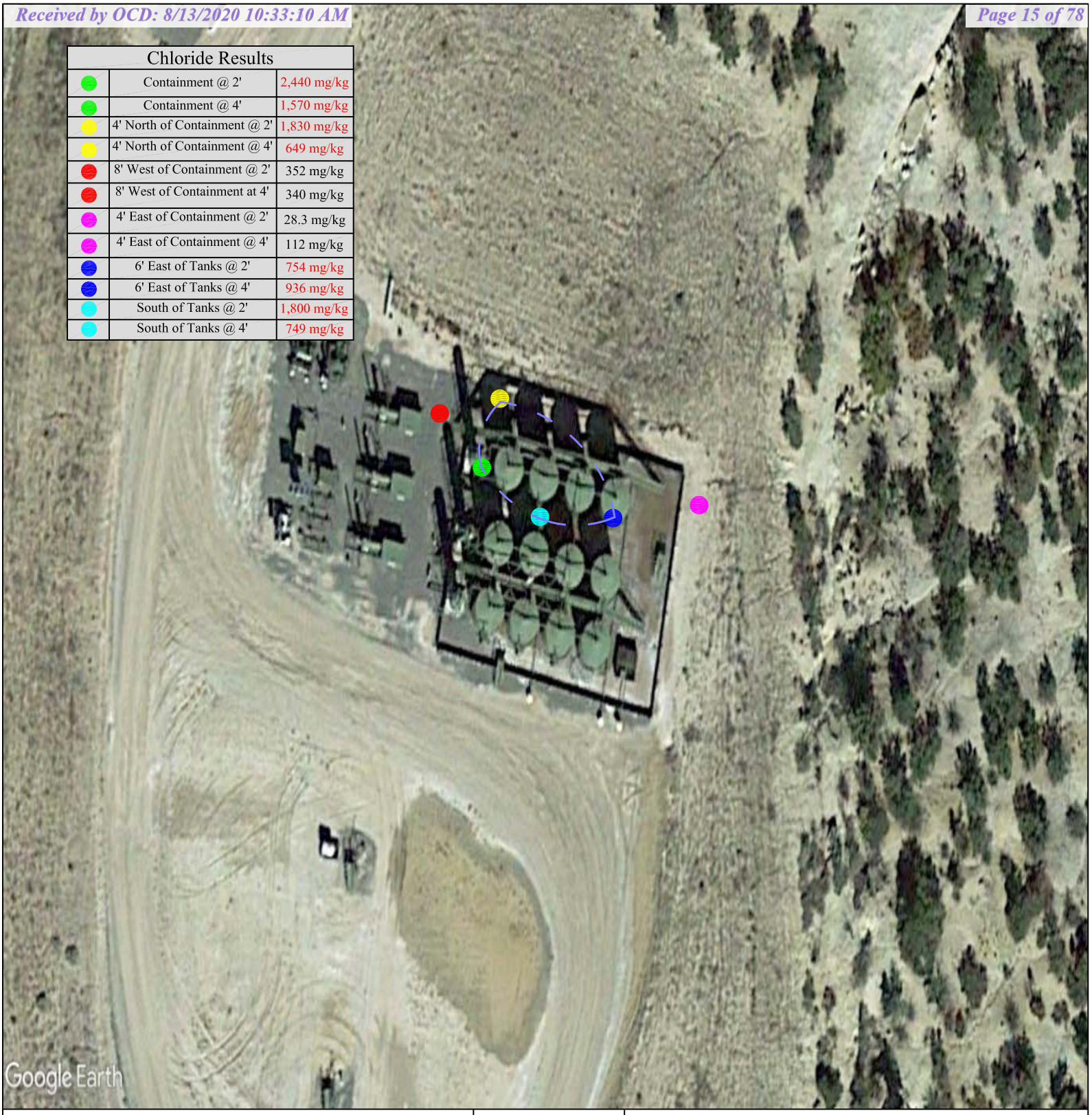
APPROVED BY: NAME DATE

Scale 1"=160'

0 160

Figure 2, Site Map with Background Sample Location

DJR Operating, LLC.
Gallo Canyon Unit 209H Well Site
API# 30-043-21179
Section 27, Township 23N, Range 6W
36.19185, -107.46382
Project #17035-0178



Legend

- 8' West of Containment
- 8' East of Tanks
- 4' North of Containment
- Containment
- 4' East of Containment
- South of Tanks
- Inferred Chloride Plume

N

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MAP DRAWN BY: BAH 5/18/2020

REVISIONS BY: BAH 6/4/2020

APPROVED BY: NAME DATE

Scale 1"= 60'

0 15 30 60

Figure 3, Soil Sample Location Map

DJR Operating, LLC.
Gallo Canyon Unit 209H Well Site
API# 30-043-21179
Section 27, Township 23N, Range 6W
36.19185, -107.46382
Project #17035-0178

Table 1, Summary of Soil Analytical Results
DJR Operating, LLC
Site Delineation Report
Gallo Canyon 209H; API: 30-043-21179
Section 27, Township 23N, Range 6W
Sandoval County, New Mexico
Project #17035-0178

Sample Description	Date	Sample Depth	EPA Method 8015			EPA Method 8021		EPA Method 300.0
			GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	Benzene (mg/kg)	Total BTEX (mg/kg)	Chlorides (mg/kg)
NMOCD Reclamation Criteria (19.15.29.13 (D) NMAC)			*100 mg/kg*			*10 mg/kg*	*50 mg/kg*	*600 mg/kg*
NMOCD Release Closure Criteria (Table 1 - 19.15.29.12 NMAC)			*1,000 mg/kg*					*20,000 mg/kg*
			2,500 mg/kg					
Excavation								
Base	2/13/2020	3 feet	<20.0	<25.0	<50.0	0.0478	0.0741	**1,720**
North Wall		1-3 feet	<20.0	<25.0	<50.0	<0.0250	<0.1	**943**
South Wall		1-3 feet	<20.0	<25.0	<50.0	<0.0250	<0.1	**992**
East Wall Under Containment	3/5/2020	1-3 feet	**22.6**	**366**	**128**	0.0577	2.14	**4,220**
Bore Holes								
Containment @ 2'	5/6/2020	2 feet	<20.0	<25.0	<50.0	<0.025	<0.1	**2,440**
Containment @ 4'		4 feet	<20.0	<25.0	<50.0	<0.025	<0.1	**1,570**
4' North of Containment @ 2'		2 feet	<20.0	<25.0	<50.0	<0.025	<0.1	**1,830**
4' North of Containment @ 4'		4 feet	<20.0	<25.0	<50.0	<0.025	<0.1	**649**
8' West of Containment @ 2'		2 feet	<20.0	<25.0	<50.0	<0.025	<0.1	352
8' West of Containment @ 4'		4 feet	<20.0	<25.0	<50.0	<0.025	<0.1	340
4' East of Containment @ 2'		2 feet	<20.0	<25.0	<50.0	<0.025	<0.1	28.3
4' East of Containment @ 4'		4 feet	<20.0	<25.0	<50.0	<0.025	<0.1	122
6' East of Tanks @ 2'		2 feet	<20.0	<25.0	<50.0	<0.025	<0.1	**754**
6' East of Tanks @ 4'		4 feet	<20.0	<25.0	<50.0	<0.025	<0.1	**936**
South of Tanks @ 2'		2 feet	<20.0	<25.0	<50.0	<0.025	<0.1	**1,800**
South of Tanks @ 4'		4 feet	<20.0	<25.0	<50.0	<0.025	<0.1	**749**
Background @ 2'		2 feet	<20.0	<25.0	<50.0	<0.025	<0.1	24
Background @ 4'		4 feet	<20.0	<25.0	<50.0	<0.025	<0.1	32.1

BOLD - above reclamation critieria **BOLD** - above release closure criteria

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Practical Solutions for a Better Tomorrow

Siting Criteria

Site Name:	**Gallo Canyon Unit #209H**			
API #:	30-043-21179			
Lat/Long:	36.19, -107.46			
TRS:	Unit M, Sec 27 T23N R6W			
Land Jurisdiction:	BLM			
County:	Sandoval			
Wellhead Protection Area Assessment				
Water Source Type (well/spring/stock pond)	**ID**	**Latitude**	**Longitude**	**Distance**
None				
Distance to Nearest Significant Watercourse				
676 feet to "blue line" unnamed dry arroyo - ultimate discharge Vendado Canyon				
Depth to Groundwater Determination				
Cathodic Report/Site Specific Hydrogeology	Not available			
Elevation Differential				
Water Wells	SJ 01156- DTW=200 ft; 147 feet lower in elevation			
Sensitive Receptor Determination				
<300' of any continuously flowing watercourse or any other significant watercourse				No
<200' of any lakebed, sinkhole or playa lake (measured from the Ordinary High Water Mark)				No
<300' of an occupied permanent residence, school, hospital, institution or church				No
<500' of a spring or private/domestic water well used by <5 households for domestic or stock watering purposes				No
<1000' of any water well or spring				No
Within incorporated municipal boundaries or within a defined municipal fresh water well				No
<300' of a wetland				No
Within the area overlying a subsurface mine				No
Within an unstable area				No
Within a 100-year floodplain				No
DTW Determination	**≤50** ☐	**50-100** ☐	**>100** ☑	
Benzene	**10**	**10**	**10**	
BTEX (mg/kg)	**50**	**50**	**50**	
8015 TPH (GRO/DRO) (mg/kg)	**Not Applicable**	**1,000**	**1,000**	
8015 TPH (GRO/DRO/MRO) (mg/kg)	**100**	**2,500**	**2,500**	
Chlorides (mg/kg)	**600**	**10,000**	**20,000**	

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New Mexico Office of the State Engineer
Point of Diversion Summary

Well Tag	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) Q64	Q16	Q4	Sec	Tws	Rng	(NAD83 UTM in meters) X	Y
	SJ 01156	2	2	1	18	23N	06W	274330	4012555*

Driller License: 867 **Driller Company:** HUTCHESON DRILLING CO.

Driller Name: WESTERN DRILLING

Drill Start Date:	04/10/1980	**Drill Finish Date:**	04/20/1980	**Plug Date:**	
Log File Date:	06/16/1980	**PCW Rcv Date:**		**Source:**	
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:	7.00	**Depth Well:**	1500 feet	**Depth Water:**	200 feet

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

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.

Released to Imaging: 1/28/2022 12:37:25 PM

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Analytical Laboratory

Analytical Report

Report Summary

Client: DJR Operating, LLC

Samples Received: 2/13/2020
Job Number: 17035-0178
Work Order: P002033
Project Name/Location: Gallo Canyon Unit #209H
Soil Sampling

Report Reviewed By: Date: 2/20/20

Walter Hinchman, Laboratory Director

NELAP ACCREDITED TNI LABORATORY

Envirotech Inc. certifies the test results meet all requirements of TNI unless footnoted otherwise.
Statement of Data Authenticity: Envirotech, Inc, attests the data reported has not been altered in any way.
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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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Analytical Laboratory

DJR Operating, LLC	Project Name:	Gallo Canyon Unit #209H Soil Sampling	
1 Rd 3263	Project Number:	17035-0178	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	02/20/20 10:06

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Base	P002033-01A	Soil	02/13/20	02/13/20	Glass Jar, 4 oz.
	P002033-01B	Soil	02/13/20	02/13/20	Glass Jar, 4 oz.
North Wall	P002033-02A	Soil	02/13/20	02/13/20	Glass Jar, 4 oz.
	P002033-02B	Soil	02/13/20	02/13/20	Glass Jar, 4 oz.
South Wall	P002033-03A	Soil	02/13/20	02/13/20	Glass Jar, 4 oz.
	P002033-03B	Soil	02/13/20	02/13/20	Glass Jar, 4 oz.

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Analytical Laboratory

DJR Operating, LLC	Project Name:	Gallo Canyon Unit #209H Soil Sampling	
1 Rd 3263	Project Number:	17035-0178	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	02/20/20 10:06

Base
P002033-01 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	**0.0478**	0.0250	mg/kg	1	2007023	02/14/20	02/16/20	EPA 8021B	
Toluene	**0.0263**	0.0250	mg/kg	1	2007023	02/14/20	02/16/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2007023	02/14/20	02/16/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2007023	02/14/20	02/16/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2007023	02/14/20	02/16/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2007023	02/14/20	02/16/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*		*50-150*	*2007023*	*02/14/20*	*02/16/20*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2007025	02/14/20	02/14/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2007025	02/14/20	02/14/20	EPA 8015D	
Surrogate: n-Nonane		*90.2 %*		*50-200*	*2007025*	*02/14/20*	*02/14/20*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2007023	02/14/20	02/16/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.8 %*		*50-150*	*2007023*	*02/14/20*	*02/16/20*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**1720**	20.0	mg/kg	1	2007028	02/14/20	02/14/20	EPA 300.0/9056A	

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DJR Operating, LLC	Project Name:	Gallo Canyon Unit #209H Soil Sampling	
1 Rd 3263	Project Number:	17035-0178	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	02/20/20 10:06

North Wall
P002033-02 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	2007023	02/14/20	02/16/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2007023	02/14/20	02/16/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2007023	02/14/20	02/16/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2007023	02/14/20	02/16/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2007023	02/14/20	02/16/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2007023	02/14/20	02/16/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*50-150*		*2007023*	*02/14/20*	*02/16/20*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2007025	02/14/20	02/14/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2007025	02/14/20	02/14/20	EPA 8015D	
Surrogate: n-Nonane		*87.5 %*	*50-200*		*2007025*	*02/14/20*	*02/14/20*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2007023	02/14/20	02/16/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.5 %*	*50-150*		*2007023*	*02/14/20*	*02/16/20*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**943**	20.0	mg/kg	1	2007028	02/14/20	02/14/20	EPA 300.0/9056A	

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Analytical Laboratory

DJR Operating, LLC	Project Name:	Gallo Canyon Unit #209H Soil Sampling	
1 Rd 3263	Project Number:	17035-0178	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	02/20/20 10:06

South Wall

P002033-03 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	2007023	02/14/20	02/16/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2007023	02/14/20	02/16/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2007023	02/14/20	02/16/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2007023	02/14/20	02/16/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2007023	02/14/20	02/16/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2007023	02/14/20	02/16/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*		*50-150*	*2007023*	*02/14/20*	*02/16/20*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2007025	02/14/20	02/14/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2007025	02/14/20	02/14/20	EPA 8015D	
Surrogate: n-Nonane		*92.3 %*		*50-200*	*2007025*	*02/14/20*	*02/14/20*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2007023	02/14/20	02/16/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.8 %*		*50-150*	*2007023*	*02/14/20*	*02/16/20*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**992**	20.0	mg/kg	1	2007028	02/14/20	02/14/20	EPA 300.0/9056A	

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DJR Operating, LLC	Project Name:	Gallo Canyon Unit #209H Soil Sampling	
1 Rd 3263	Project Number:	17035-0178	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	02/20/20 10:06

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 2007023 - Purge and Trap EPA 5030A										
Blank (2007023-BLK1)				Prepared: 02/14/20 0 Analyzed: 02/16/20 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	*8.01*		*"*	*8.00*		*100*	*50-150*			
LCS (2007023-BS1)				Prepared: 02/14/20 0 Analyzed: 02/16/20 1						
Benzene	4.70	0.0250	mg/kg	5.00		93.9	70-130			
Toluene	4.83	0.0250	"	5.00		96.7	70-130			
Ethylbenzene	4.76	0.0250	"	5.00		95.2	70-130			
p,m-Xylene	9.48	0.0500	"	10.0		94.8	70-130			
o-Xylene	4.72	0.0250	"	5.00		94.4	70-130			
Total Xylenes	14.2	0.0250	"	15.0		94.6	0-200			
Surrogate: 4-Bromochlorobenzene-PID	*8.23*		*"*	*8.00*		*103*	*50-150*			
Matrix Spike (2007023-MS1)		**Source: P002033-01**		Prepared: 02/14/20 0 Analyzed: 02/16/20 1						
Benzene	4.98	0.0250	mg/kg	5.00	0.0478	98.7	54.3-133			
Toluene	5.03	0.0250	"	5.00	0.0263	100	61.4-130			
Ethylbenzene	4.95	0.0250	"	5.00	ND	99.1	61.4-133			
p,m-Xylene	9.85	0.0500	"	10.0	ND	98.5	63.3-131			
o-Xylene	4.90	0.0250	"	5.00	ND	98.0	63.3-131			
Total Xylenes	14.7	0.0250	"	15.0	ND	98.3	0-200			
Surrogate: 4-Bromochlorobenzene-PID	*8.14*		*"*	*8.00*		*102*	*50-150*			
Matrix Spike Dup (2007023-MSD1)		**Source: P002033-01**		Prepared: 02/14/20 0 Analyzed: 02/16/20 1						
Benzene	5.02	0.0250	mg/kg	5.00	0.0478	99.4	54.3-133	0.690	20	
Toluene	5.12	0.0250	"	5.00	0.0263	102	61.4-130	1.69	20	
Ethylbenzene	5.03	0.0250	"	5.00	ND	101	61.4-133	1.54	20	
p,m-Xylene	10.0	0.0500	"	10.0	ND	100	63.3-131	1.71	20	
o-Xylene	5.03	0.0250	"	5.00	ND	101	63.3-131	2.61	20	
Total Xylenes	15.0	0.0250	"	15.0	ND	100	0-200	2.01	200	
Surrogate: 4-Bromochlorobenzene-PID	*8.18*		*"*	*8.00*		*102*	*50-150*			

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DJR Operating, LLC	Project Name:	Gallo Canyon Unit #209H Soil Sampling	
1 Rd 3263	Project Number:	17035-0178	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	02/20/20 10:06

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 2007025 - DRO Extraction EPA 3570										
Blank (2007025-BLK1)				Prepared: 02/14/20 0 Analyzed: 02/14/20 1						
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	*51.7*		*"*	*50.0*		*103*	*50-200*			
LCS (2007025-BS1)				Prepared: 02/14/20 0 Analyzed: 02/14/20 1						
Diesel Range Organics (C10-C28)	436	25.0	mg/kg	500		87.3	38-132			
Surrogate: n-Nonane	*48.5*		*"*	*50.0*		*96.9*	*50-200*			
Matrix Spike (2007025-MS1)		**Source: P002033-01**		Prepared: 02/14/20 0 Analyzed: 02/14/20 1						
Diesel Range Organics (C10-C28)	473	25.0	mg/kg	500	ND	94.5	38-132			
Surrogate: n-Nonane	*51.0*		*"*	*50.0*		*102*	*50-200*			
Matrix Spike Dup (2007025-MSD1)		**Source: P002033-01**		Prepared: 02/14/20 0 Analyzed: 02/17/20 1						
Diesel Range Organics (C10-C28)	465	25.0	mg/kg	500	ND	93.0	38-132	1.68	20	
Surrogate: n-Nonane	*49.6*		*"*	*50.0*		*99.1*	*50-200*			

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Analytical Laboratory

DJR Operating, LLC	Project Name:	Gallo Canyon Unit #209H Soil Sampling	
1 Rd 3263	Project Number:	17035-0178	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	02/20/20 10:06

Nonhalogenated Organics by 8015 - GRO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2007023 - Purge and Trap EPA 5030A										
Blank (2007023-BLK1)				Prepared: 02/14/20 0 Analyzed: 02/16/20 1						
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.03*		"	*8.00*		*87.9*	*50-150*			
LCS (2007023-BS2)				Prepared: 02/14/20 0 Analyzed: 02/16/20 1						
Gasoline Range Organics (C6-C10)	48.5	20.0	mg/kg	50.0		97.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.14*		"	*8.00*		*89.2*	*50-150*			
Matrix Spike (2007023-MS2)		**Source: P002033-01**		Prepared: 02/14/20 0 Analyzed: 02/16/20 1						
Gasoline Range Organics (C6-C10)	49.2	20.0	mg/kg	50.0	ND	98.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.04*		"	*8.00*		*88.0*	*50-150*			
Matrix Spike Dup (2007023-MSD2)		**Source: P002033-01**		Prepared: 02/14/20 0 Analyzed: 02/16/20 1						
Gasoline Range Organics (C6-C10)	46.7	20.0	mg/kg	50.0	ND	93.5	70-130	5.16	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.15*		"	*8.00*		*89.4*	*50-150*			

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Analytical Laboratory

DJR Operating, LLC	Project Name:	Gallo Canyon Unit #209H Soil Sampling	
1 Rd 3263	Project Number:	17035-0178	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	02/20/20 10:06

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 2007028 - Anion Extraction EPA 300.0/9056A										
Blank (2007028-BLK1)				Prepared & Analyzed: 02/14/20 1						
Chloride	ND	20.0	mg/kg							
LCS (2007028-BS1)				Prepared & Analyzed: 02/14/20 1						
Chloride	248	20.0	mg/kg	250		99.2	90-110			
Matrix Spike (2007028-MS1)		**Source: P002033-01**		Prepared & Analyzed: 02/14/20 1						
Chloride	2260	20.0	mg/kg	250	1720	217	80-120			M2
Matrix Spike Dup (2007028-MSD1)		**Source: P002033-01**		Prepared & Analyzed: 02/14/20 1						
Chloride	1950	20.0	mg/kg	250	1720	92.7	80-120	14.8	20	

QC Summary Report
Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values my differ slightly.

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Analytical Laboratory

DJR Operating, LLC	Project Name:	Gallo Canyon Unit #209H Soil Sampling	
1 Rd 3263	Project Number:	17035-0178	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	02/20/20 10:06

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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Released to Imaging: 1/28/2022 12:37:25 PM
Received by OCD: 8/13/2020 10:33:10 AM

Project Information

Chain of Custody

Client: DJR
Project: Gallo Canyon Unit #209H Soil Sampling
Project Manager: F.Aragon
Address:
City, State, Zip
Phone:
Email: Gcrabtree Admin Bhall Faragon TKnight

Report Attention
Report due by:
Email:
Address:
City, State, Zip
Phone:

Lab Use Only		TAT		EPA Program		
Lab WO#	Job Number	1D	3D	RCRA	CWA	SDWA
P002083	17035-0178					

State: NM X | CO | UT | AZ

Analysis and Method: BTEX, DRO/GRO/ORO, Chloride

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	BTEX	DRO/GRO/ORO	Chloride	Remarks
1245	2/13/2020	S	2	Base	1	X	X	X	2-4oz jar cool
1250	↓	S	2	North Wall	2	X	X	X	↓
1300	↓	S	2	South Wall	3	X	X	X	↓

Additional Instructions:

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Britt Hall	2/13/2020	1436	Raina Lopez	2/13/20	14:33
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

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

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

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

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

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Analytical Laboratory

Analytical Report

Report Summary

Client: DJR Operating, LLC

Samples Received: 3/5/2020
Job Number: 17035-0178
Work Order: P003023
Project Name/Location: Gallo Canyon Unit 209H

Report Reviewed By: Walter Hinchman Date: 3/11/20

Walter Hinchman, Laboratory Director

NELAP ACCREDITED TNI LABORATORY

Envirotech Inc. certifies the test results meet all requirements of TNI unless footnoted otherwise.
Statement of Data Authenticity: Envirotech, Inc, attests the data reported has not been altered in any way.
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Envirotech, Inc, holds the Texas TNI certification T104704557-19-2 for the data reported.

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DJR Operating, LLC	Project Name:	Gallo Canyon Unit 209H	
1 Rd 3263	Project Number:	17035-0178	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	03/11/20 11:44

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
East Wall Under Containment	P003023-01A	Soil	03/05/20	03/05/20	Glass Jar, 4 oz.
	P003023-01B	Soil	03/05/20	03/05/20	Glass Jar, 4 oz.

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DJR Operating, LLC	Project Name:	Gallo Canyon Unit 209H	
1 Rd 3263	Project Number:	17035-0178	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	03/11/20 11:44

East Wall Under Containment

P003023-01 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	**0.0577**	0.0250	mg/kg	1	2010030	03/06/20	03/06/20	EPA 8021B	
Toluene	**0.345**	0.0250	mg/kg	1	2010030	03/06/20	03/06/20	EPA 8021B	
Ethylbenzene	**0.192**	0.0250	mg/kg	1	2010030	03/06/20	03/06/20	EPA 8021B	
p,m-Xylene	**1.12**	0.0500	mg/kg	1	2010030	03/06/20	03/06/20	EPA 8021B	
o-Xylene	**0.420**	0.0250	mg/kg	1	2010030	03/06/20	03/06/20	EPA 8021B	
Total Xylenes	**1.54**	0.0250	mg/kg	1	2010030	03/06/20	03/06/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*109 %*		*50-150*	*2010030*	*03/06/20*	*03/06/20*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	**366**	25.0	mg/kg	1	2011003	03/09/20	03/09/20	EPA 8015D	
Oil Range Organics (C28-C40)	**128**	50.0	mg/kg	1	2011003	03/09/20	03/09/20	EPA 8015D	
Surrogate: n-Nonane		*94.8 %*		*50-200*	*2011003*	*03/09/20*	*03/09/20*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	**22.6**	20.0	mg/kg	1	2010030	03/06/20	03/06/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.2 %*		*50-150*	*2010030*	*03/06/20*	*03/06/20*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**4220**	40.0	mg/kg	2	2010036	03/06/20	03/09/20	EPA 300.0/9056A	

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Analytical Laboratory

DJR Operating, LLC	Project Name:	Gallo Canyon Unit 209H	
1 Rd 3263	Project Number:	17035-0178	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	03/11/20 11:44

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 2010030 - Purge and Trap EPA 5030A										
Blank (2010030-BLK1)				Prepared: 03/06/20 0 Analyzed: 03/06/20 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	*8.32*		*"*	*8.00*		*104*	*50-150*			
LCS (2010030-BS1)				Prepared: 03/06/20 0 Analyzed: 03/06/20 1						
Benzene	4.74	0.0250	mg/kg	5.00		94.7	70-130			
Toluene	4.74	0.0250	"	5.00		94.9	70-130			
Ethylbenzene	4.72	0.0250	"	5.00		94.5	70-130			
p,m-Xylene	9.45	0.0500	"	10.0		94.5	70-130			
o-Xylene	4.78	0.0250	"	5.00		95.5	70-130			
Total Xylenes	14.2	0.0250	"	15.0		94.9	0-200			
Surrogate: 4-Bromochlorobenzene-PID	*8.56*		*"*	*8.00*		*107*	*50-150*			
Matrix Spike (2010030-MS1)		**Source: P003020-01**		Prepared: 03/06/20 0 Analyzed: 03/06/20 1						
Benzene	4.44	0.0250	mg/kg	5.00	0.0901	86.9	54.3-133			
Toluene	5.15	0.0250	"	5.00	0.373	95.4	61.4-130			
Ethylbenzene	6.13	0.0250	"	5.00	1.08	101	61.4-133			
p,m-Xylene	15.9	0.0500	"	10.0	4.96	110	63.3-131			
o-Xylene	7.66	0.0250	"	5.00	1.97	114	63.3-131			
Total Xylenes	23.6	0.0250	"	15.0	6.93	111	0-200			
Surrogate: 4-Bromochlorobenzene-PID	*9.53*		*"*	*8.00*		*119*	*50-150*			
Matrix Spike Dup (2010030-MSD1)		**Source: P003020-01**		Prepared: 03/06/20 0 Analyzed: 03/06/20 1						
Benzene	4.50	0.0250	mg/kg	5.00	0.0901	88.2	54.3-133	1.45	20	
Toluene	5.29	0.0250	"	5.00	0.373	98.4	61.4-130	2.80	20	
Ethylbenzene	6.39	0.0250	"	5.00	1.08	106	61.4-133	4.14	20	
p,m-Xylene	17.0	0.0500	"	10.0	4.96	121	63.3-131	6.65	20	
o-Xylene	8.18	0.0250	"	5.00	1.97	124	63.3-131	6.58	20	
Total Xylenes	25.2	0.0250	"	15.0	6.93	122	0-200	6.63	200	
Surrogate: 4-Bromochlorobenzene-PID	*9.53*		*"*	*8.00*		*119*	*50-150*			

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DJR Operating, LLC	Project Name:	Gallo Canyon Unit 209H	
1 Rd 3263	Project Number:	17035-0178	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	03/11/20 11:44

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 2011003 - DRO Extraction EPA 3570										
Blank (2011003-BLK1)				Prepared & Analyzed: 03/09/20 1						
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	*43.8*		*"*	*50.0*		*87.7*	*50-200*			
LCS (2011003-BS1)				Prepared & Analyzed: 03/09/20 1						
Diesel Range Organics (C10-C28)	413	25.0	mg/kg	500		82.6	38-132			
Surrogate: n-Nonane	*44.7*		*"*	*50.0*		*89.4*	*50-200*			
Matrix Spike (2011003-MS1)	**Source: P003033-01**			Prepared & Analyzed: 03/09/20 1						
Diesel Range Organics (C10-C28)	848	50.0	mg/kg	500	379	93.8	38-132			
Surrogate: n-Nonane	*53.4*		*"*	*50.0*		*107*	*50-200*			
Matrix Spike Dup (2011003-MSD1)	**Source: P003033-01**			Prepared & Analyzed: 03/09/20 1						
Diesel Range Organics (C10-C28)	847	50.0	mg/kg	500	379	93.6	38-132	0.130	20	
Surrogate: n-Nonane	*55.5*		*"*	*50.0*		*111*	*50-200*			

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DJR Operating, LLC	Project Name:	Gallo Canyon Unit 209H	
1 Rd 3263	Project Number:	17035-0178	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	03/11/20 11:44

Nonhalogenated Organics by 8015 - GRO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2010030 - Purge and Trap EPA 5030A										
Blank (2010030-BLK1)				Prepared: 03/06/20 0 Analyzed: 03/06/20 1						
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.57*		*"*	*8.00*		*94.6*	*50-150*			
LCS (2010030-BS2)				Prepared: 03/06/20 0 Analyzed: 03/06/20 1						
Gasoline Range Organics (C6-C10)	47.3	20.0	mg/kg	50.0		94.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.58*		*"*	*8.00*		*94.7*	*50-150*			
Matrix Spike (2010030-MS2)		**Source: P003020-01**		Prepared: 03/06/20 0 Analyzed: 03/06/20 1						
Gasoline Range Organics (C6-C10)	215	20.0	mg/kg	50.0	121	189	70-130			M2
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.85*		*"*	*8.00*		*111*	*50-150*			
Matrix Spike Dup (2010030-MSD2)		**Source: P003020-01**		Prepared: 03/06/20 0 Analyzed: 03/06/20 2						
Gasoline Range Organics (C6-C10)	234	20.0	mg/kg	50.0	121	227	70-130	8.30	20	M2
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.88*		*"*	*8.00*		*111*	*50-150*			

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Analytical Laboratory

DJR Operating, LLC	Project Name:	Gallo Canyon Unit 209H	
1 Rd 3263	Project Number:	17035-0178	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	03/11/20 11:44

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 2010036 - Anion Extraction EPA 300.0/9056A										
Blank (2010036-BLK1)				Prepared: 03/06/20 1 Analyzed: 03/09/20 1						
Chloride	ND	20.0	mg/kg							
LCS (2010036-BS1)				Prepared: 03/06/20 1 Analyzed: 03/09/20 1						
Chloride	251	20.0	mg/kg	250		100	90-110			
Matrix Spike (2010036-MS1)		**Source: P003021-01**		Prepared: 03/06/20 1 Analyzed: 03/09/20 1						
Chloride	609	20.0	mg/kg	250	362	98.6	80-120			
Matrix Spike Dup (2010036-MSD1)		**Source: P003021-01**		Prepared: 03/06/20 1 Analyzed: 03/09/20 1						
Chloride	627	20.0	mg/kg	250	362	106	80-120	2.88	20	

QC Summary Report
Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values my differ slightly.

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DJR Operating, LLC	Project Name:	Gallo Canyon Unit 209H	
1 Rd 3263	Project Number:	17035-0178	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	03/11/20 11:44

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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Released to Imaging: 1/28/2022 12:37:25 PM
Received by OCD: 8/13/2020 10:33:10 AM

Project Information | Chain of Custody | Page 1 of 1

Client: DJR LLC	
Project: Gallo Canyon Unit 209 H	
Project Manager: Felipe	
Address:	
City, State, Zip	
Phone:	
Email: Isaac, Felipe, Brittany, Tami	
Report due by:	

Bill To

Attention:	
Address:	
City, State, Zip	
Phone:	
Email:	

Lab Use Only

Lab WO#	Job Number
P003023	17035-0178

TAT

1D	3D

EPA Program

RCRA	CWA	SDWA
x		

State

NM	CO	UT	AZ
x			
TX	OK		

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0							Remarks
13.25	3/5/2020	S	2	East wall under containment	1	X	X	X			X							

Additional Instructions:

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	3/5/2020	15:33	Raina Lopez	3/5/20	15:33
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only

Received on ice: (Y) / N

T1 T2 T3

AVG Temp °C 4

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

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

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

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Analytical Report

Report Summary

Client: DJR Operating, LLC

Samples Received: 5/6/2020
Job Number: 17035-0178
Work Order: P005010
Project Name/Location: Gallo Canyon 209H Delineation

Report Reviewed By: Walter Hinchman Date: 5/13/20

Walter Hinchman, Laboratory Director

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DJR Operating, LLC	Project Name:	Gallo Canyon 209H Delineation	
1 Rd 3263	Project Number:	17035-0178	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	05/13/20 12:15

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
containment @ 2'	P005010-01A	Soil	05/06/20	05/06/20	Glass Jar, 4 oz.
	P005010-01B	Soil	05/06/20	05/06/20	Glass Jar, 4 oz.
containment @ 4'	P005010-02A	Soil	05/06/20	05/06/20	Glass Jar, 4 oz.
	P005010-02B	Soil	05/06/20	05/06/20	Glass Jar, 4 oz.
4' north of containment @ 2'	P005010-03A	Soil	05/06/20	05/06/20	Glass Jar, 4 oz.
	P005010-03B	Soil	05/06/20	05/06/20	Glass Jar, 4 oz.
4' north of containment @ 4'	P005010-04A	Soil	05/06/20	05/06/20	Glass Jar, 4 oz.
	P005010-04B	Soil	05/06/20	05/06/20	Glass Jar, 4 oz.
8' west of containment @ 2'	P005010-05A	Soil	05/06/20	05/06/20	Glass Jar, 4 oz.
	P005010-05B	Soil	05/06/20	05/06/20	Glass Jar, 4 oz.
8' west of containment @ 4'	P005010-06A	Soil	05/06/20	05/06/20	Glass Jar, 4 oz.
	P005010-06B	Soil	05/06/20	05/06/20	Glass Jar, 4 oz.
4' east of containment @ 2'	P005010-07A	Soil	05/06/20	05/06/20	Glass Jar, 4 oz.
	P005010-07B	Soil	05/06/20	05/06/20	Glass Jar, 4 oz.
4' east of containment @ 4'	P005010-08A	Soil	05/06/20	05/06/20	Glass Jar, 4 oz.
	P005010-08B	Soil	05/06/20	05/06/20	Glass Jar, 4 oz.
6' east of tanks @ 2'	P005010-09A	Soil	05/06/20	05/06/20	Glass Jar, 4 oz.
	P005010-09B	Soil	05/06/20	05/06/20	Glass Jar, 4 oz.
6' east of tanks @ 4'	P005010-10A	Soil	05/06/20	05/06/20	Glass Jar, 4 oz.
	P005010-10B	Soil	05/06/20	05/06/20	Glass Jar, 4 oz.
south of tanks @ 2'	P005010-11A	Soil	05/06/20	05/06/20	Glass Jar, 4 oz.
	P005010-11B	Soil	05/06/20	05/06/20	Glass Jar, 4 oz.
south of tanks @ 4'	P005010-12A	Soil	05/06/20	05/06/20	Glass Jar, 4 oz.
	P005010-12B	Soil	05/06/20	05/06/20	Glass Jar, 4 oz.
Background @ 2'	P005010-13A	Soil	05/06/20	05/06/20	Glass Jar, 4 oz.
	P005010-13B	Soil	05/06/20	05/06/20	Glass Jar, 4 oz.
Background @ 4'	P005010-14A	Soil	05/06/20	05/06/20	Glass Jar, 4 oz.
	P005010-14B	Soil	05/06/20	05/06/20	Glass Jar, 4 oz.

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Analytical Laboratory

DJR Operating, LLC	Project Name:	Gallo Canyon 209H Delineation	
1 Rd 3263	Project Number:	17035-0178	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	05/13/20 12:15

containment @ 2'
P005010-01 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/08/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/08/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/08/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2019011	05/07/20	05/08/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/08/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2019011	05/07/20	05/08/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*		*50-150*	*2019011*	*05/07/20*	*05/08/20*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2019010	05/07/20	05/07/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2019010	05/07/20	05/07/20	EPA 8015D	
Surrogate: n-Nonane		*80.8 %*		*50-200*	*2019010*	*05/07/20*	*05/07/20*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2019011	05/07/20	05/08/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.0 %*		*50-150*	*2019011*	*05/07/20*	*05/08/20*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**2440**	40.0	mg/kg	2	2019014	05/07/20	05/07/20	EPA 300.0/9056A	

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Analytical Laboratory

DJR Operating, LLC	Project Name:	Gallo Canyon 209H Delineation	
1 Rd 3263	Project Number:	17035-0178	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	05/13/20 12:15

containment @ 4'
P005010-02 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/08/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/08/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/08/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2019011	05/07/20	05/08/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/08/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2019011	05/07/20	05/08/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*106 %*		*50-150*	*2019011*	*05/07/20*	*05/08/20*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2019010	05/07/20	05/07/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2019010	05/07/20	05/07/20	EPA 8015D	
Surrogate: n-Nonane		*79.0 %*		*50-200*	*2019010*	*05/07/20*	*05/07/20*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2019011	05/07/20	05/08/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.0 %*		*50-150*	*2019011*	*05/07/20*	*05/08/20*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**1570**	40.0	mg/kg	2	2019014	05/07/20	05/07/20	EPA 300.0/9056A	

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DJR Operating, LLC	Project Name:	Gallo Canyon 209H Delineation	
1 Rd 3263	Project Number:	17035-0178	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	05/13/20 12:15

4' north of containment @ 2'

P005010-03 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/08/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/08/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/08/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2019011	05/07/20	05/08/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/08/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2019011	05/07/20	05/08/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*106 %*		*50-150*	*2019011*	*05/07/20*	*05/08/20*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2019010	05/07/20	05/07/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2019010	05/07/20	05/07/20	EPA 8015D	
Surrogate: n-Nonane		*84.7 %*		*50-200*	*2019010*	*05/07/20*	*05/07/20*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2019011	05/07/20	05/08/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.4 %*		*50-150*	*2019011*	*05/07/20*	*05/08/20*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**1830**	40.0	mg/kg	2	2019014	05/07/20	05/07/20	EPA 300.0/9056A	

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DJR Operating, LLC	Project Name:	Gallo Canyon 209H Delineation	
1 Rd 3263	Project Number:	17035-0178	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	05/13/20 12:15

4' north of containment @ 4'

P005010-04 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/08/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/08/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/08/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2019011	05/07/20	05/08/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/08/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2019011	05/07/20	05/08/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*107 %*		*50-150*	*2019011*	*05/07/20*	*05/08/20*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2019010	05/07/20	05/07/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2019010	05/07/20	05/07/20	EPA 8015D	
Surrogate: n-Nonane		*82.2 %*		*50-200*	*2019010*	*05/07/20*	*05/07/20*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2019011	05/07/20	05/08/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.3 %*		*50-150*	*2019011*	*05/07/20*	*05/08/20*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**649**	20.0	mg/kg	1	2019014	05/07/20	05/07/20	EPA 300.0/9056A	

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DJR Operating, LLC	Project Name:	Gallo Canyon 209H Delineation	
1 Rd 3263	Project Number:	17035-0178	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	05/13/20 12:15

8' west of containment @ 2'

P005010-05 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*107 %*		*50-150*	*2019011*	*05/07/20*	*05/09/20*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2019010	05/07/20	05/07/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2019010	05/07/20	05/07/20	EPA 8015D	
Surrogate: n-Nonane		*73.3 %*		*50-200*	*2019010*	*05/07/20*	*05/07/20*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.1 %*		*50-150*	*2019011*	*05/07/20*	*05/09/20*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**352**	20.0	mg/kg	1	2019014	05/07/20	05/07/20	EPA 300.0/9056A	

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DJR Operating, LLC	Project Name:	Gallo Canyon 209H Delineation	
1 Rd 3263	Project Number:	17035-0178	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	05/13/20 12:15

8' west of containment @ 4'

P005010-06 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*106 %*		*50-150*	*2019011*	*05/07/20*	*05/09/20*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2019010	05/07/20	05/07/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2019010	05/07/20	05/07/20	EPA 8015D	
Surrogate: n-Nonane		*82.1 %*		*50-200*	*2019010*	*05/07/20*	*05/07/20*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.3 %*		*50-150*	*2019011*	*05/07/20*	*05/09/20*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**340**	20.0	mg/kg	1	2019014	05/07/20	05/07/20	EPA 300.0/9056A	

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DJR Operating, LLC	Project Name:	Gallo Canyon 209H Delineation	
1 Rd 3263	Project Number:	17035-0178	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	05/13/20 12:15

4' east of containment @ 2'
P005010-07 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*106 %*		*50-150*	*2019011*	*05/07/20*	*05/09/20*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2019010	05/07/20	05/07/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2019010	05/07/20	05/07/20	EPA 8015D	
Surrogate: n-Nonane		*80.0 %*		*50-200*	*2019010*	*05/07/20*	*05/07/20*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.4 %*		*50-150*	*2019011*	*05/07/20*	*05/09/20*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**28.3**	20.0	mg/kg	1	2019014	05/07/20	05/07/20	EPA 300.0/9056A	

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DJR Operating, LLC	Project Name:	Gallo Canyon 209H Delineation	
1 Rd 3263	Project Number:	17035-0178	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	05/13/20 12:15

4' east of containment @ 4'
P005010-08 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*105 %*		*50-150*	*2019011*	*05/07/20*	*05/09/20*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2019010	05/07/20	05/07/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2019010	05/07/20	05/07/20	EPA 8015D	
Surrogate: n-Nonane		*76.8 %*		*50-200*	*2019010*	*05/07/20*	*05/07/20*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.6 %*		*50-150*	*2019011*	*05/07/20*	*05/09/20*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**122**	20.0	mg/kg	1	2019014	05/07/20	05/07/20	EPA 300.0/9056A	

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DJR Operating, LLC	Project Name:	Gallo Canyon 209H Delineation	
1 Rd 3263	Project Number:	17035-0178	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	05/13/20 12:15

6' east of tanks @ 2'
P005010-09 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*105 %*		*50-150*	*2019011*	*05/07/20*	*05/09/20*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2019010	05/07/20	05/07/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2019010	05/07/20	05/07/20	EPA 8015D	
Surrogate: n-Nonane		*80.1 %*		*50-200*	*2019010*	*05/07/20*	*05/07/20*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.1 %*		*50-150*	*2019011*	*05/07/20*	*05/09/20*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**754**	20.0	mg/kg	1	2019014	05/07/20	05/07/20	EPA 300.0/9056A	

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DJR Operating, LLC	Project Name:	Gallo Canyon 209H Delineation	
1 Rd 3263	Project Number:	17035-0178	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	05/13/20 12:15

6' east of tanks @ 4'

P005010-10 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*106 %*		*50-150*	*2019011*	*05/07/20*	*05/09/20*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2019010	05/07/20	05/07/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2019010	05/07/20	05/07/20	EPA 8015D	
Surrogate: n-Nonane		*86.4 %*		*50-200*	*2019010*	*05/07/20*	*05/07/20*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.4 %*		*50-150*	*2019011*	*05/07/20*	*05/09/20*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**936**	100	mg/kg	5	2019014	05/07/20	05/07/20	EPA 300.0/9056A	

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DJR Operating, LLC	Project Name:	Gallo Canyon 209H Delineation	
1 Rd 3263	Project Number:	17035-0178	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	05/13/20 12:15

south of tanks @ 2'
P005010-11 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*107 %*		*50-150*	*2019011*	*05/07/20*	*05/09/20*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2019010	05/07/20	05/07/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2019010	05/07/20	05/07/20	EPA 8015D	
Surrogate: n-Nonane		*77.3 %*		*50-200*	*2019010*	*05/07/20*	*05/07/20*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.7 %*		*50-150*	*2019011*	*05/07/20*	*05/09/20*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**1800**	20.0	mg/kg	1	2019014	05/07/20	05/08/20	EPA 300.0/9056A	

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DJR Operating, LLC	Project Name:	Gallo Canyon 209H Delineation	
1 Rd 3263	Project Number:	17035-0178	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	05/13/20 12:15

south of tanks @ 4'
P005010-12 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*106 %*		*50-150*	*2019011*	*05/07/20*	*05/09/20*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2019010	05/07/20	05/07/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2019010	05/07/20	05/07/20	EPA 8015D	
Surrogate: n-Nonane		*81.7 %*		*50-200*	*2019010*	*05/07/20*	*05/07/20*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.4 %*		*50-150*	*2019011*	*05/07/20*	*05/09/20*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**749**	20.0	mg/kg	1	2019014	05/07/20	05/08/20	EPA 300.0/9056A	

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Analytical Laboratory

DJR Operating, LLC	Project Name:	Gallo Canyon 209H Delineation	
1 Rd 3263	Project Number:	17035-0178	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	05/13/20 12:15

Background @ 2'
P005010-13 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*107 %*		*50-150*	*2019011*	*05/07/20*	*05/09/20*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2019010	05/07/20	05/07/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2019010	05/07/20	05/07/20	EPA 8015D	
Surrogate: n-Nonane		*82.7 %*		*50-200*	*2019010*	*05/07/20*	*05/07/20*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.3 %*		*50-150*	*2019011*	*05/07/20*	*05/09/20*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**24.0**	20.0	mg/kg	1	2019014	05/07/20	05/08/20	EPA 300.0/9056A	

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Analytical Laboratory

DJR Operating, LLC	Project Name:	Gallo Canyon 209H Delineation	
1 Rd 3263	Project Number:	17035-0178	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	05/13/20 12:15

Background @ 4'

P005010-14 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*105 %*		*50-150*	*2019011*	*05/07/20*	*05/09/20*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2019010	05/07/20	05/07/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2019010	05/07/20	05/07/20	EPA 8015D	
Surrogate: n-Nonane		*80.7 %*		*50-200*	*2019010*	*05/07/20*	*05/07/20*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2019011	05/07/20	05/09/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.5 %*		*50-150*	*2019011*	*05/07/20*	*05/09/20*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**32.1**	20.0	mg/kg	1	2019014	05/07/20	05/08/20	EPA 300.0/9056A	

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Analytical Laboratory

DJR Operating, LLC	Project Name:	Gallo Canyon 209H Delineation	
1 Rd 3263	Project Number:	17035-0178	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	05/13/20 12:15

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 2019011 - Purge and Trap EPA 5030A										
Blank (2019011-BLK1)				Prepared & Analyzed: 05/06/20 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	*8.24*		*"*	*8.00*		*103*	*50-150*			
LCS (2019011-BS1)				Prepared & Analyzed: 05/06/20 1						
Benzene	5.28	0.0250	mg/kg	5.00		106	70-130			
Toluene	5.26	0.0250	"	5.00		105	70-130			
Ethylbenzene	5.24	0.0250	"	5.00		105	70-130			
p,m-Xylene	10.5	0.0500	"	10.0		105	70-130			
o-Xylene	5.26	0.0250	"	5.00		105	70-130			
Total Xylenes	15.7	0.0250	"	15.0		105	0-200			
Surrogate: 4-Bromochlorobenzene-PID	*8.30*		*"*	*8.00*		*104*	*50-150*			
Matrix Spike (2019011-MS1)		**Source: P005009-05**		Prepared & Analyzed: 05/06/20 1						
Benzene	5.30	0.0250	mg/kg	5.00	0.128	103	54.3-133			
Toluene	6.54	0.0250	"	5.00	1.37	103	61.4-130			
Ethylbenzene	7.03	0.0250	"	5.00	1.75	105	61.4-133			
p,m-Xylene	12.6	0.0500	"	10.0	2.36	102	63.3-131			
o-Xylene	6.38	0.0250	"	5.00	1.11	105	63.3-131			
Total Xylenes	19.0	0.0250	"	15.0	3.47	103	0-200			
Surrogate: 4-Bromochlorobenzene-PID	*9.36*		*"*	*8.00*		*117*	*50-150*			
Matrix Spike Dup (2019011-MSD1)		**Source: P005009-05**		Prepared & Analyzed: 05/06/20 1						
Benzene	5.41	0.0250	mg/kg	5.00	0.128	106	54.3-133	1.98	20	
Toluene	6.63	0.0250	"	5.00	1.37	105	61.4-130	1.36	20	
Ethylbenzene	7.12	0.0250	"	5.00	1.75	107	61.4-133	1.39	20	
p,m-Xylene	12.7	0.0500	"	10.0	2.36	104	63.3-131	1.18	20	
o-Xylene	6.48	0.0250	"	5.00	1.11	107	63.3-131	1.51	20	
Total Xylenes	19.2	0.0250	"	15.0	3.47	105	0-200	1.29	200	
Surrogate: 4-Bromochlorobenzene-PID	*9.20*		*"*	*8.00*		*115*	*50-150*			

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Analytical Laboratory

DJR Operating, LLC	Project Name:	Gallo Canyon 209H Delineation	
1 Rd 3263	Project Number:	17035-0178	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	05/13/20 12:15

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 2019010 - DRO Extraction EPA 3570										
Blank (2019010-BLK1)				Prepared & Analyzed: 05/06/20 1						
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	*47.6*		*"*	*50.0*		*95.2*	*50-200*			
LCS (2019010-BS1)				Prepared & Analyzed: 05/06/20 1						
Diesel Range Organics (C10-C28)	448	25.0	mg/kg	500		89.6	38-132			
Surrogate: n-Nonane	*50.5*		*"*	*50.0*		*101*	*50-200*			
Matrix Spike (2019010-MS1)		**Source: P005009-05**		Prepared & Analyzed: 05/06/20 1						
Diesel Range Organics (C10-C28)	4970	250	mg/kg	500	4350	123	38-132			
Surrogate: n-Nonane	*68.2*		*"*	*50.0*		*136*	*50-200*			
Matrix Spike Dup (2019010-MSD1)		**Source: P005009-05**		Prepared & Analyzed: 05/06/20 1						
Diesel Range Organics (C10-C28)	4930	250	mg/kg	500	4350	116	38-132	0.745	20	
Surrogate: n-Nonane	*67.3*		*"*	*50.0*		*135*	*50-200*			

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Analytical Laboratory

DJR Operating, LLC	Project Name:	Gallo Canyon 209H Delineation	
1 Rd 3263	Project Number:	17035-0178	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	05/13/20 12:15

Nonhalogenated Organics by 8015 - GRO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2019011 - Purge and Trap EPA 5030A										
Blank (2019011-BLK1)				Prepared & Analyzed: 05/06/20 1						
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.23*		"	*8.00*		*90.3*	*50-150*			
LCS (2019011-BS2)				Prepared & Analyzed: 05/06/20 1						
Gasoline Range Organics (C6-C10)	48.6	20.0	mg/kg	50.0		97.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.46*		"	*8.00*		*93.3*	*50-150*			
Matrix Spike (2019011-MS2)		**Source: P005009-05**		Prepared & Analyzed: 05/06/20 1						
Gasoline Range Organics (C6-C10)	122	20.0	mg/kg	50.0	67.5	109	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.74*		"	*8.00*		*96.7*	*50-150*			
Matrix Spike Dup (2019011-MSD2)		**Source: P005009-05**		Prepared & Analyzed: 05/06/20 1						
Gasoline Range Organics (C6-C10)	119	20.0	mg/kg	50.0	67.5	103	70-130	2.20	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.79*		"	*8.00*		*97.3*	*50-150*			

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Analytical Laboratory

DJR Operating, LLC	Project Name:	Gallo Canyon 209H Delineation	
1 Rd 3263	Project Number:	17035-0178	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	05/13/20 12:15

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 2019014 - Anion Extraction EPA 300.0/9056A										
Blank (2019014-BLK1)				Prepared: 05/07/20 0 Analyzed: 05/07/20 1						
Chloride	ND	20.0	mg/kg							
LCS (2019014-BS1)				Prepared: 05/07/20 0 Analyzed: 05/07/20 1						
Chloride	261	20.0	mg/kg	250		104	90-110			
Matrix Spike (2019014-MS1)		**Source: P005011-01**		Prepared: 05/07/20 0 Analyzed: 05/07/20 1						
Chloride	286	20.0	mg/kg	250	ND	114	80-120			
Matrix Spike Dup (2019014-MSD1)		**Source: P005011-01**		Prepared: 05/07/20 0 Analyzed: 05/07/20 1						
Chloride	265	20.0	mg/kg	250	ND	106	80-120	7.61	20	

QC Summary Report
Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values my differ slightly.

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Analytical Laboratory

DJR Operating, LLC	Project Name:	Gallo Canyon 209H Delineation	
1 Rd 3263	Project Number:	17035-0178	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	05/13/20 12:15

Notes and Definitions

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 Custody

Project Information		Report Attention	
Client:	DSR	Report due by:	
Project:	Gallo Canyon 2094 Delineation	Attention:	
Project Manager:		Address:	
Address:		City, State, Zip	
City, State, Zip		Phone:	
Phone:	Gerdbtner	Email:	
Email:	FArayon JKnight BHall IGarcia		

Lab Use Only		TAT		EPA Program		
Lab WO#	Job Number	1D	3D	RCRA	CWA	SDWA
P005010	17035-0178					

State			
NM	CO	UT	AZ
X			

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	TPH 418.1	Remarks
930	5/6/20	S	2	contament @ 2'	1	↓	↓	↓			↓		
940	↓	↓	↓	contament @ 4'	2	↓	↓	↓			↓		
950	↓	↓	↓	4' north of contaiment @ 2'	3	↓	↓	↓			↓		
957	↓	↓	↓	4' north of contaiment @ 4'	4	↓	↓	↓			↓		
1010	↓	↓	↓	8' west of containment @ 2'	5	↓	↓	↓			↓		
1019	↓	↓	↓	8' west of containment @ 4'	6	↓	↓	↓			↓		
1030	↓	↓	↓	4' east of containment @ 2'	7	↓	↓	↓			↓		
1040	↓	↓	↓	4' east of containment @ 4'	8	↓	↓	↓			↓		
1120	↓	↓	↓	6' east of tanks @ 2'	9	↓	↓	↓			↓		
1135	↓	↓	↓	6' east of tanks @ 4'	10	↓	↓	↓			↓		

Additional Instructions:

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Britty Hall	5/6/2020	1550	Raia Lopez	5/6/20	15:50

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

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

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

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

Released to Imaging: 1/28/2022 12:37:25 PM
Received by OCD: 8/13/2020 10:33:10 AM

Released to Imaging: 1/28/2022 12:37:25 PM
Received by OCD: 8/13/2020 10:33:10 AM

Project Information | Chain of Custody | Page 2 of 2

Client: DJR
Project: Gallo Canyon 209H Delineation
Project Manager:
Address:
City, State, Zip
Phone:
Email: Farmington Tknight BHall IGarcia GCruztree

Report Attention
Report due by:
Attention:
Address:
City, State, Zip
Phone:
Email:

Lab Use Only
Lab WO# P065010 | Job Number 17035-0178

TAT: 1D | 3D

EPA Program: RCRA | CWA | SDWA

State: NM | CO | UT | AZ

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	6010 Total P	Remarks
1210	5/6/20	S	2	South of tanks @ 2'	11	X	X	X			X		
1220	"	"	"	South of tanks @ 4'	12	X	X	X			X		
1400	"	"	"	Background @ 2'	13	X	X	X			X		
1415	"	"	"	Background @ 4'	14	X	X	X			X		

Analysis and Method

Additional Instructions:

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Daty Hall	5/6/2020	1350	Rain Lopez	5/6/20	15:50
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

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

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

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

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

envirotech Analytical Laboratory
5795 US Highway 64, Farmington, NM 87401
24 Hour Emergency Response Phone (800) 362-1879
Ph (505) 632-1881 Fx (505) 632-1865
envirotech-inc.com
labadmin@envirotech-inc.com

From: eticket@nm811.org
To: enviro admin
Subject: NM811 Ticket Confirmation: 20MY010421
Date: Friday, May 1, 2020 1:04:55 PM

NM811 LOCATE REQUEST

TICKET NUMBER:	20MY010421	Update of:	
Ticket Type:	Standard Locate	For Code:	AUTOEMAIL
Creation Date:	05/01/20 13:04	Seq Num:	1

Excavator Information

Company:	Envirotech	Main Contact Phone:	(505) 632-0615
Address:	5796 Hwy 64	Secondary Phone:	
City, St, Zip:	Farmington, NM 87401	Main Contact Email:	enviroadmin@envirotech-inc.com
Company Phone:	(505) 632-0615	Alternate Contact:	Brittany Hall
Company Fax:		Alternate Contact Phone:	505-947-9179
Main Contact:	Lisa Sisson	Alternate Contact Email:	enviroadmin@envirotech-inc.com

Work Information

State:	NM	Work To Begin:	05/05/20 AT 13:00
County:	SANDOVAL	Expire Date:	05/27/20 AT 13:00
Place:	RURAL SANDOVAL		
Address:	GALLO CANYON 209H		
Intersection:	*		
Latitude:	36.189426	Longitude:	-107.466401
Secondary Lat:	36.194855	Secondary Long:	-107.460972
Work Type:	Soil Remediation	Working For:	DJR Operating
Pre-marked:	No	Mechanical Boring:	No
Contact Prior to Locating:	No	Contact After Locating:	No

Driving Directions

From Counselor, NM turn Southeast onto Indian Service Route 474. Travel Approx. 1 miles and make the first left. Travel Approx. 0.6 miles (Stay Left at both Y's).

Spotting Instructions

spot 800ft radius //entire location there are 3 well heads

Remarks

GPS 36.19213, -107.46369

TRSQ: [W8T23NR06WS27SW] [W8T23NR06WS28SE]

Utilities Notified:

Code	Name	Manually Added
DJRGOM	DJR OPERATING. LLC - GHOST MIDSTREAM	False

SITE PHOTOGRAPHY
SITE DELINEATION REPORT
DJR OPERATING, LLC.
GALLO CANYON 209H WELL SITE
PROJECT #17035-0178
JUNE 2, 2020

February 2020

Picture 1: View of Well Site Sign

Picture 2: View of Repair Trench

SITE PHOTOGRAPHY
SITE DELINEATION REPORT
DJR OPERATING, LLC.
GALLO CANYON 209H WELL SITE
PROJECT #17035-0178
JUNE 2, 2020

May 2020

Picture 3: View of Containment Bore Hole

Picture 4: View of 4' North of Containment Bore Hole

SITE PHOTOGRAPHY
SITE DELINEATION REPORT
DJR OPERATING, LLC.
GALLO CANYON 209H WELL SITE
PROJECT #17035-0178
JUNE 2, 2020

Picture 5: View of 4’ East of Containment Bore Hole

Picture 6: View of 8’ West of Containment Bore Hole

SITE PHOTOGRAPHY
SITE DELINEATION REPORT
DJR OPERATING, LLC.
GALLO CANYON 209H WELL SITE
PROJECT #17035-0178
JUNE 2, 2020

Picture 7: View of 6' East of Tanks Bore Hole

Picture 8: View of South of Tanks Bore Hole

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CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 6-May-20

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	
	200	191
	500	
	1000	
	5000	

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

Brittany Hall

Analyst

6/2/2020

Date

Brittany Hall

Print Name

Review

6/2/2020

Date

Felipe Aragon, CES, CHMM

Print Name

envirotech

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	DJR Operating	Project #:	17035-0178
Sample No.:	1	Date Reported:	6/2/2020
Sample ID:	Inside Containment @ 4'	Date Sampled:	5/6/2020
Sample Matrix:	Soil	Date Analyzed:	5/6/2020
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**20**	**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: **Gallo Canyon 209H**

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

Brittany Hall

Analyst

Brittany Hall

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Review

Felipe Aragon, CES, CHMM

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EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	DJR Operating	Project #:	17035-0178
Sample No.:	2	Date Reported:	6/2/2020
Sample ID:	North of Containment @ 4'	Date Sampled:	5/6/2020
Sample Matrix:	Soil	Date Analyzed:	5/6/2020
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**32**	**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: **Gallo Canyon 209H**

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

Brittany Hall

Analyst

Brittany Hall

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Felipe Aragon, CES, CHMM

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EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	DJR Operating	Project #:	17035-0178
Sample No.:	3	Date Reported:	6/2/2020
Sample ID:	W of Containmenta @ 4'	Date Sampled:	5/6/2020
Sample Matrix:	Soil	Date Analyzed:	5/6/2020
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**ND**	**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: **Gallo Canyon 209H**

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

Brittany Hall

Analyst

Brittany Hall

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Review

Felipe Aragon, CES, CHMM

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EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	DJR Operating	Project #:	17035-0178
Sample No.:	4	Date Reported:	6/2/2020
Sample ID:	E of Containment @ 4'	Date Sampled:	5/6/2020
Sample Matrix:	Soil	Date Analyzed:	5/6/2020
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**16**	**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: **Gallo Canyon 209H**

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

Brittany Hall

Analyst

Brittany Hall

Printed

Review

Felipe Aragon, CES, CHMM

Printed

CLIENT: DJR	envirotech (505) 632-0615 (800) 362-1879 5796 U.S. Hwy 64, Farmington, NM 87401	Envmtl. Spclst: Blair
CLIENT/JOB #: 17035-0178		C.O.C. No:
START DATE: 2/10/2020		LAT 36.19185
FINISH DATE:		LONG -107.46382
Page # of		

Field Report: Spill Closure Verification

NMOCD Ranking: — Depth to GW: 7100 WH Protection Area: (No) Yes

NMOCD TPH Closure Std.: Gallup-1000 Blanco-2500 Distance to SW:

LOCATION: Name: Gallo Canyon unit~~E~~ 209H Well #: API: 30-043-21179

County: Sandoval State: NM

Cause of Release: flow line release Material Released: Amt. Released: 70 gal

QUAD/UNIT: SEC: 27 TWP: 23N RNG: 6W PM:

Wellhead Lat/Long: Land Jurisdiction: BLM QTR Footage:

Spill Located Approximately: 0 FT. FROM separator

Excavation Approx: 18 FT. X 7 FT. X 2-3 FT. bgs Cubic Yardage:

Disposal Facility: Remediaton Method:

Land Use: Lease: Land Owner:

FIELD 418.1 ANLAYSIS

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

OVM Results

Sample ID	Field Headspace PID (ppm)	Sample ID	Field Headspace PID (ppm)

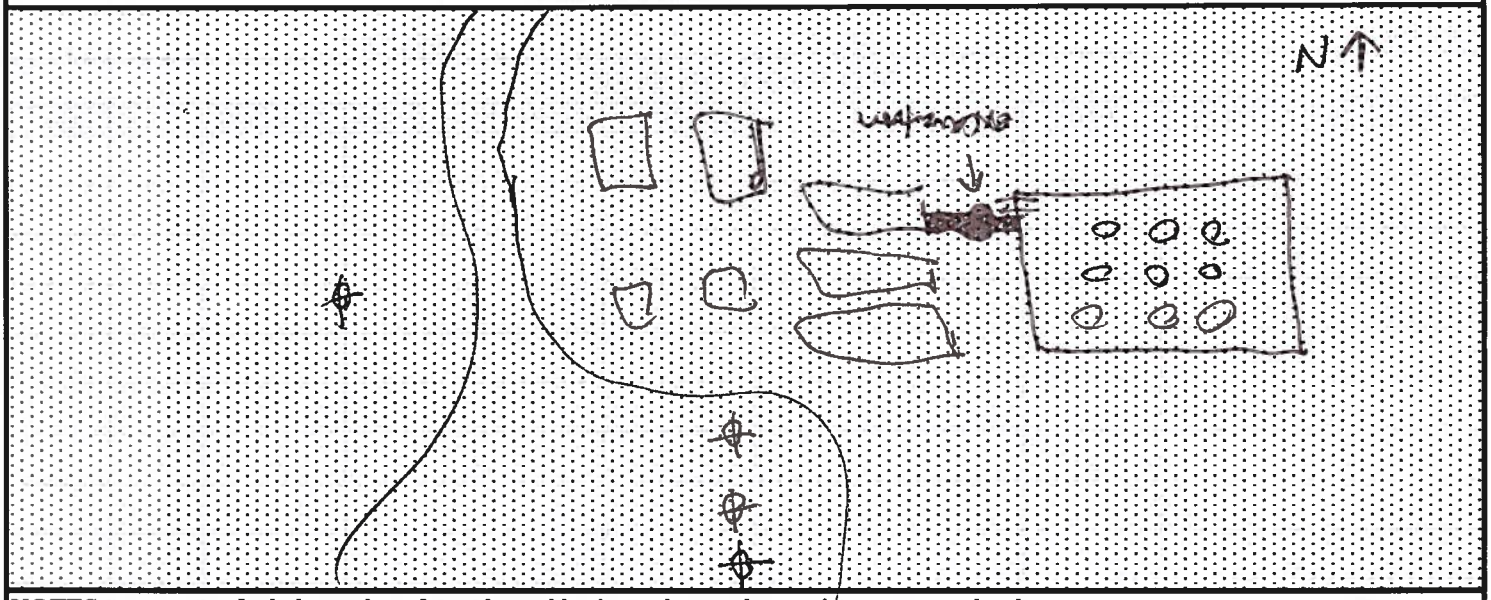
Lab Testing

Sample ID	Analysis Type	Time
Base	BTEX, 8015, Cl	1245
North wall		1250
South wall		1300

Released to Imaging: 1/28/2022 12:37:25 PM

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

EXCAVATION PROFILE:



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

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

3/23/2015

Received by OCD: 8/13/2020 10:33:10 AM

CLIENT: DJR	envirotech (505) 632-0615 (800) 362-1879 5796 U.S. Hwy 64, Farmington, NM 87401	Envmtl. Spclst: IG/BH
CLIENT/JOB #: 1035-0178		C.O.C. No:
START DATE: 5/6/2020		LAT
FINISH DATE:		LONG
Page # ____ of ____		

Field Report: Spill Closure Verification

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

NMOCD TPH Closure Std.: Distance to SW:

LOCATION: Name: Gallo Canyon Well #: 209H API:

County: State:

Cause of Release: Material Released: Amt. Released:

QUAD/UNIT: SEC: TWP: RNG: PM:

Wellhead Lat/Long: Land Jurisdiction: QTR Footage:

Spill Located Approximately: ____ FT. FROM

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

Disposal Facility: Remediaton Method:

Land Use: Lease: Land Owner:

FIELD 418.1 ANLAYSIS

SAMPLE DESCRIPITION	TIME	SAMPLE I.D.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. ppm
200 stacked	1135					191	
Inside containment @ 4'	1151	1	5	20	4	05	20
North of containment @ 4'	1155	2	5	20	4	08	32
W of containment @ 4'	1221	3	5	20	4	00	00
E of containment @ 4'	1239	4	5	20	4	04	16

OVM Results

Sample ID	Field Headspace PID (ppm)	Sample ID	Field Headspace PID (ppm)
Inside containment @ 2'	80.8	E. contain @ 4'	0.0
inside contain @ 4'	102.4	10' E. tank @ 2'	0.6
N. containment @ 2'	54.5	10' E tank @ 4'	0.0
N. containment @ 4'	5.4	S. tank @ 2'	
W. containment @ 2'	0.0	S. tank @ 4'	
W. containment @ 4'	0.0		
E. contain @ 2'	0.0		

Lab Testing

Sample ID	Analysis Type	Time

Page 1 Of ____

3/23/2015

Released to Imaging: 1/28/2022 12:37:25 PM

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

EXCAVATION PROFILE:

Chloride Field Screening:

Inside containment @ 2' — 1,642
Inside containment @ 4' — 1,316
N. of containment @ 2' — 1,422
N. of containment @ 4' — 366
W. of containment @ 2' — 327
W of containment @ 4' — 291
E of containment @ 2' — 33
E of containment @ 4' — 84
6' E. of tank @ 2' — 592
6' E of tank @ 4' — 702
South of tanks @ 2' — 1,600
South of tanks @ 4' — 476

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

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

Received by OCD: 8/13/2020 10:33:10 AM

Larissa Farrell

From: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>
Sent: Friday, May 1, 2020 12:12 PM
To: Larissa Farrell
Subject: RE: Gallo Canyon 209H nRM2004156228

Larissa,

OCD Approves DJR extension request for incident# nRM2004156228 please submit the characterization/rem plan or closure report no later than June 1, 2020.

Please include a copy of this approval in your Final C-141, no hard copy will be sent to you.

Thank you,

Cory Smith
Environmental Specialist
Oil Conservation Division
Energy, Minerals, & Natural Resources
1000 Rio Brazos, Aztec, NM 87410
(505)334-6178 ext 115
cory.smith@state.nm.us

From: Larissa Farrell <lfarrell@djrllc.com>
Sent: Friday, May 1, 2020 10:33 AM
To: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>
Subject: [EXT] Gallo Canyon 209H nRM2004156228

Good morning Cory,

DJR Operating would like to request an extension regarding the remediation plan/closure submittal to June 1, 2020. The 90 day timeline was originally May 6, 2020. Due to current situations, there was a delay in scheduling the delineation of the impacted area. We have Envirotech scheduled for next week to delineate the area.

Please let me know if you have any questions.

Thank you,

Larissa Farrell
Regulatory Specialist
(505)444-0289
lfarrell@djrllc.com

DJR Energy

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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

Action 9681

CONDITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 9681
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	1/28/2022