Received by OCD: 11/19/2021 44284111/PM

District 1 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 State of New Mexico Energy Minerals and Natural Resources Department

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

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Incident ID	nAPP2123851435
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: Enduring Resources, LLC	OGRID: 372286
Contact Name: Chad Snell	Contact Telephone: 505-444-0586
Contact email: csnell@enduringresources.com	Incident # (assigned by OCD) nAPP2123851435
Contact mailing address: 200 Energy Court	Farmington, New Mexico 87401

Location of Release Source

Latitude

Longitude -107.39186

(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Jicarilla 103H	Site Type: Well Site
Date Release Discovered: 8/23/2021	API# (if applicable): 30-043-21202

Unit Letter	Section	Township	Range	County
D	8	22N	5W	Sandoval

Surface Owner: State Federal Tribal Private (Name:

36.1577712

Nature and Volume of Release

Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
Produced Water Volume Released (bbls) 14.025		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

A lease operator discovered a leak in a flow line at the Jicarilla #103H on 8/23/2021. A total of 14.025 bbls of produced water was calculated using a spill calculation tool based on the area and width of contaminated soil.

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Incident ID	nAPP2123851433
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Was this a major release as defined by	If YES, for what reason(s) does the responsible party consider this a major release?
19.15.29.7(A) NMAC?	
🗌 Yes 🖾 No	
If YES, was immediate no	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?

Initial Response

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

 \boxtimes The source of the release has been stopped.

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

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

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

Oil Conservation Division

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 fàiled 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: Chad Snell	Title: <u>HSE</u>	
Signature:	Date: <u>9/1/2021</u>	
email: csnell@enduringresources.com	Telephone: 505-444-0586	
OCD Only		F _
Received by: Ramona Marcus	Date:	

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Incident ID	nAPP21238512386 3 of 11
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Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?		
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 ¹/₂-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

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

2000 Starte of New Mexico		Incident ID nAPP21238514388
age 4	Oil Conservation Division	
age 4		District RP
		Facility ID
		Application ID
public health or the env failed to adequately inv addition, OCD accepta and/or regulations. Printed Name: Signature:	vironment. The acceptance of a C-141 report by the overstigate and remediate contamination that pose a three sets the set of the set	ifications and perform corrective actions for releases which may endanger OCD does not relieve the operator of liability should their operations have eat to groundwater, surface water, human health or the environment. In f responsibility for compliance with any other federal, state, or local laws Title: Date: Telephone:
OCD Only		
Received by:		Date:

Form C 141 Received by OCD: 11/19/2021 1:28:11 State of New Mexico Page 5 Oil Conservation Division

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Facility ID	
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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 poi Estimated volume of material to be remediated Closure criteria is to Table 1 specifications subject to 19.15.29 Proposed schedule for remediation (note if remediation plan tipe) 	.12(C)(4) NMAC							
Deferral Requests Only: Each of the following items must be co	onfirmed as part of any request for deferral of remediation.							
	production equipment where remediation could cause a major facility							
Extents of contamination must be fully delineated.								
Contamination does not cause an imminent risk to human heal	th, 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: Chad Snell	Title: HSE Tech							
Signature:	Date: <u>11/19/2021</u>							
email: <u>csnell@enduringresources.com</u>	Telephone: (505) 444-0586							
OCD Only								
Received by:	Date:							
Approved Approved with Attached Conditions o	f Approval Denied Deferral Approved							
Signature:	Date:							

Page 6 Oil Conservation Division

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Closure

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

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:	Title:	5
Signature:		Date:
email:	Telephone:	
OCD Only		
Received by:		Date:
remediate contamination t	OCD does not relieve the responsible party hat poses a threat to groundwater, surface w any other federal, state, or local laws and/o	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.
Closure Approved by:	Nelson Velez	Date: 01/07/2022
Printed Name:	Nelson Velez	Title: Environmental Specialist – Adv

INSTRUCTIONS

Received by OCD: 11/19/2021 1:28:11 PM te DEPTH OF SPILL and use arrow keys to move

cursor there.

2. Use arrow key to move cursor to the right, stop below Length and

enter LENGTH OF SPILL then cursor right to Width.

3. Now enter the WIDTH OF THE SPILL , then cursor right to Effective Porosity.

- 4. Now enter the EFFECTIVE POROSITY using the "Soil Type/Effective Porosity Table"
- (only enter if using the RESIDUAL METHOD), then cursor right to see Total Amount Spilled.
- 5. Equals the Total Amount Spilled in BARRELS.

DEPTH	LENGTH	WIDTH	Effective	BARRELS	Thickness			
(inches)	(feet)	(feet)	Porosity	(bbls.)	(feet)			
HIST HETHOD	24							
Lt.Mist			NA	0.00000	0.00008			
Med.Mist			NA	0.00000	0.00008			
Hvy.Mist	0	0	NA	0.00000	0.00083			
IDUAL METHOD (Length	X Width X Avg. Dep	th X Eff. Po	prosity div	ided by 5	.6146)	Soil Typ	e / Effective Porosity	
skim			2	0.00000	0.002604	0.25	Gravel - 25% Porosity	
1/16			<i>2</i>	0.00000	0.005208	0.2	Sand - 20% Porosity	
1/8			<i>2</i>	0.00000	0.010417	0.15	Clay/Silt/Sand Mix - 15%	1
1/4			<i>2</i>	0.00000	0.020803	0.05	Clay - 5% Porosity	
1/2				0.00000	0.041667	0.03	Caliche - 3%	
3/4			1	0.00000	0.062	0.25	Unknown - 25%	
1			1	0.00000	0.083333			
2			1	0.00000	0.166666			
3			1	0.00000	0.25			
4			1	0.00000	0.333333			
5			2	0.00000	0.416666			
6			2	0.00000	0.5			
7			2	0.00000	0.583333			
8			1	0.00000	0.666666			
9			1	0.00000	0.75			
10			1	0.00000	0.833333			
11			1	0.00000	0.916666			
12	35	15	0.15	14.02593				

*For spills greater than one foot of depth use 12 inches as your depth then multiply the amount of barrels by the number feet of *Released to Imaging: 1/7/2022 9:30:17 AM*

MACRO SECTION

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

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

District III

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

District IV

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

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

CONDITIONS

)GRID:
372286
ction Number:
45891
Action Type:
[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rmarcus	None	9/1/2021

CONDITIONS

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Action 45891

Remediation Narrative

Jicarilla 103H

8/23/2021

A release was discovered at the Jicarilla 103H well site. A total of 14.025bbls of produced water released from a corrosion hole that formed in the produced water dump line from the separator to the onsite tank. The volume of the release was calculated by using a spill calculation tool using the dimensions and soil type of impacted area.

8/24/2021

Clean-up activities began excavating impacted areas that were not under production equipment and that would not cause a full site shut down.

9/15/2021

Soil boring samples were taken to delineate areas under production equipment. Three soil borings were taken and a sample was taken at 0-6", 18" and 42" on all three bore holes. "S1" at 0-6" results showed high chlorides in the top 4 feet of soil and would need another soil boring to fully delineate impacted area. See attached *"Soil Boring Map"* and *"Soil Boring Results Table"* for reference.

9/23/2021

Samples were collected in the excavation area and sent in for analysis of BTEX, TPH and Chlorides. Another soil bore sample was also taken in place of "S1" at 0-6". This sample would be named "S4". See attached *"Sample Map"* and *"Boring Map"* for reference.

10/14/2021

Further excavation was completed on "North Wall" "West Wall" and "East Wall" of the excavation due to high chloride levels from the sampling event on 9/23/2021. Sample activities were also completed sampling the sections mentioned above. Two more soil borings were also sampled at this time "S5" and S6".

10/18/2021

Two more borings were completed and samples taken at 0-6", 24" and 48" from surface and sent in for lab analysis. Returned results of these samples "S7", "S7 24", "S7 48", "S8 24" and "S8 48" delineated the area under production equipment and will be deferred until the time of P&A of the site. The area of deferral is a 47' L x 34'W x 18"D area. An estimated 89 yards will need to be removed at the

time of P&A of the site. See attached "Area of Deferral Map" and "Soil Boring Results Table" for reference.

10/22/2021

Further excavation on the "East Wall" was completed and sampling activities of the "East Wall" was completed and sent in for lab analysis. Returned results of the "East Wall" were below Table 1 standards in the top four feet of soil. Remediation on areas that would be remediated without a site shutdown have been completed and remediated to Table one standards based on groundwater greater than 100ft from surface. Groundwater was based on a nearby location that had a test hole drilled to a depth of 78ft below surface, with a log showing damp soil at 72ft from surface. The elevation of the nearby location is 6,894ft and the elevation at the location of release is 6,970ft proving groundwater is 148ft from the surface of the release. No further action is required at this time.





Jicarilla 103H dump line leak 8/25/2021





Jicarilla 103H Dump line leak isolated and flow redirected.





Internal corrosion leak in a two inch tee, part of the water dump line.





Jicarilla #103H water dump line leak.





North Wall





West Wall



East Wall





East Wall

Chad Snell

From:	Chad Snell
Sent:	Wednesday, October 20, 2021 8:36 AM
То:	ocd.enviro@state.nm.us
Cc:	Heather Huntington; Tim Friesenhahn; Jim Mars
Subject:	RE: Closure Sampling Jicarilla 103H

Good Morning,

The "East Wall" had chlorides that were above standards. Excavation has been completed and closure samples for this section will take place on Friday October 22nd 2021 at 9:30am.

Thanks

From: Chad Snell Sent: Tuesday, October 12, 2021 8:41 AM To: ocd.enviro@state.nm.us Cc: Heather Huntington <Hhuntington@enduringresources.com>; Tim Friesenhahn <TFriesenhahn@enduringresources.com>; Jim Mars <JMars@enduringresources.com> Subject: RE: Closure Sampling Jicarilla 103H

Good Morning,

Closure samples will take place Thursday October 14th 2021 beginning at 9:30am. Samples from the last sampling event had chlorides above closure standards and needed further excavation, which has been completed. Please let us know if you have any questions.

Thanks.

From: Chad Snell Sent: Tuesday, September 21, 2021 8:08 AM To: ocd.enviro@state.nm.us Cc: Heather Huntington <<u>Hhuntington@enduringresources.com</u>>; Tim Friesenhahn <<u>TFriesenhahn@enduringresources.com</u>>; Jim Mars <<u>JMars@enduringresources.com</u>> Subject: Closure Sampling Jicarilla 103H

Good Morning,

Enduring will be performing sampling activities at the Jicarilla 103H (API: 30-043-21202, Sec: 8, TWN: 22N, Rge: 5W, Incident # nAPP2123851435). Closure sampling will begin on Thursday September 23,2021 at 11:30am.

Thanks.

Chad Snell HSE Tech Enduring Resources (505) 444-0586.

Table I Analytical Results - Jicarilla 103H

Sample Name	Description	Date	DRO	GRO	ORO	Total TPH	Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	Chlorides	Square Footage
	1 S. C. S. S. S. S.		NA	NA	NA	1000	10	NA	NA	NA	50	600	200 sq.
STANDARD	Top 4'	NA	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ft
West Wall	Yes	9/23/2021	< 25	< 20	< 50	< 95	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.1	15400	64
South Wall	Yes	9/23/2021	< 25	<20.0	< 50	< 95	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.1	351	100
West Bottom	No	9/23/2021	< 25	< 20	< 50	< 95	< 0.0250	< 0.0250	< 0.0250	0.0816	< 0.1	1570	200
East Wall	Yes	9/23/2021	< 25	< 20	< 50	< 95	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.1	2500	64
North Wall	Yes	9/23/2021	< 25	< 20	< 50	< 95	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.1	1380	100
East Bottom	No	9/23/2021	< 25	< 20	< 50	< 95	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.1	245	200
North Wall	Yes	10/14/2021	< 25	< 20	< 50	< 95	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.1	263	120
East Wall	Yes	10/14/2021	< 25	< 20	< 50	< 95	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.1	829	68
West Wall	Yes	10/14/2021	< 25	< 20	< 50	< 95	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.1	2290	68
East Wall	Yes	10/22/2021	< 25	< 20	< 50	< 95	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.1	<20	68

•

Sample Name	Description	Date	DRO	GRO	ORO	Total TPH	Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	Chlorides	Square Footage
			NA	NA	NA	100	10	NA	NA	NA	50	600	200 sq.
STANDARD	Top 4'	NA	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ft
S1	0-6"	9/15/2021	NA	NA	NA	NA	NA	NA	NA	NA	NA	1440	
S1-18	18"	9/15/2021	NA	NA	NA	NA	NA	NA	NA	NA	NA	252	
S1-42	42"	9/15/2021	NA	NA	NA	NA	NA	NA	NA	NA	NA	49.3	
\$2	0-6"	9/15/2021	NA	NA	NA	NA	NA	NA	NA	NA	NA	<20	
S2-18	18"	9/15/2021	NA	NA	NA	NA	NA	NA	NA	NA	NA	327	
S2 -42	42"	9/15/2021	NA	NA	NA	NA	NA	NA	NA	NA	NA	<20	
S3	0-6"	9/15/2021	NA	NA	NA	NA	NA	NA	NA	NA	NA	126	
S3-18	18"	9/15/2021	NA	NA	NA	NA	NA	NA	NA	NA	NA	24.2	
S3-33	33"	9/15/2021	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.6	
S4	0-6"	9/23/2021	< 25	< 20	< 50	< 95	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.1	1200	
S5	0-6"	10/14/2021	< 25	< 20	< 50	< 95	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.1	1990	
S6	0-6"	10/14/2021	< 25	< 20	< 50	< 95	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.1	2190	
S 7	0-6"	10/18/2021	< 25	< 20	< 50	< 95	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.1	76.5	
S 24	24"	10/18/2021	< 25	< 20	< 50	< 95	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.1	27.4	
S7 48	48"	10/18/2021	< 25	< 20	< 50	< 95	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.1	51.5	
S8 48	48"	10/18/2021	< 25	< 20	< 50	< 95	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.1	<20	
S8 24	24"	10/18/2021	< 25	< 20	< 50	< 95	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.1	<20	
S8	0-6"	10/18/2021	< 25	< 20	< 50	< 95	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.1	<20	



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MO-TE DRILLING, INC.

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MO-TE DRILL NG, NC.

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Released to Imaging: 1/7/2022

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National Flood Hazard Layer FIRMette



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5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Enduring Resources, LLC

Project Name:

Jicarilla #103H

Work Order: E109049

Job Number: 17065-0017

Received: 9/15/2021

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/16/21

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Page 1 of 17

Date Reported: 9/16/21

Chad Snell 6300 S Syracuse Way Suite 525 Centennial, CO 80111

Project Name: Jicarilla #103H Workorder: E109049 Date Received: 9/15/2021 4:46:00PM

Chad Snell,



Page 35 of 114

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/15/2021 4:46:00PM, under the Project Name: Jicarilla #103H.

The analytical test results summarized in this report with the Project Name: Jicarilla #103H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe Technical Representative/Client Services Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com

Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

West Texas Midland/Odessa Area Tom Brown Technical Representative Cell: 832-444-7704 tbrown@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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		Sample Sum	mary		
--	---------------	--	---	----------	------------------------------------
Enduring Resources, LLC 6300 S Syracuse Way Suite 525 Centennial CO, 80111		Project Name: Project Number: Project Manager:	Jicarilla #103H 17065-0017 Chad Snell		Reported: 09/16/21 12:47
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1	E109049-01A	Soil	09/15/21	09/15/21	Glass Jar, 4 oz.
S1-18	E109049-02A	Soil	09/15/21	09/15/21	Glass Jar, 4 oz.
S1-42	E109049-03A	Soil	09/15/21	09/15/21	Glass Jar, 4 oz.
S2	E109049-04A	Soil	09/15/21	09/15/21	Glass Jar, 4 oz.
S2-18	E109049-05A	Soil	09/15/21	09/15/21	Glass Jar, 4 oz.
S2-42	E109049-06A	Soil	09/15/21	09/15/21	Glass Jar, 4 oz.
\$3	E109049-07A	Soil	09/15/21	09/15/21	Glass Jar, 4 oz.
S3-18	E109049-08A	Soil	09/15/21	09/15/21	Glass Jar, 4 oz.
\$3-33	E109049-09A	Soil	09/15/21	09/15/21	Glass Jar, 4 oz.



		1				
Enduring Resources, LLC	Project Name:	Jicaril	a #103H			
6300 S Syracuse Way Suite 525	Project Number:	17065	-0017			Reported:
Centennial CO, 80111	Project Manager:	Project Manager: Chad Snell				
		S1				
	E109	9049-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	IY		Batch: 2138034
Chloride	1440	20.0	1	09/16/21	09/16/21	



	Sam	pie Dai	a			
Enduring Resources, LLC	Project Name:	Jicarilla	#103H			
6300 S Syracuse Way Suite 525	Project Number:	17065-0	0017			Reported:
Centennial CO, 80111	Project Manager: Chad Snell					9/16/2021 12:47:15PM
	S	1-18				
	E109	0049-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	IY		Batch: 2138034
Chloride	252	20.0	1	09/16/21	09/16/21	



	Sam	pie Da	a			
Enduring Resources, LLC	Project Name:	Jicarill	a #103H			
6300 S Syracuse Way Suite 525	Project Number:	17065-	0017			Reported:
Centennial CO, 80111	Project Manager:	roject Manager: Chad Snell			9/16/2021 12:47:15PM	
	S	1-42				
	E109	9049-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	IY		Batch: 2138034
Chloride	49.3	20.0	1	09/16/21	09/16/21	



	~~~····		•			
Enduring Resources, LLC	Project Name:	Jicarilla #	#103H			
6300 S Syracuse Way Suite 525	Project Number:	17065-0017				Reported:
Centennial CO, 80111	Project Manager:		9/16/2021 12:47:15PM			
		S2				
	E109	049-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	IY		Batch: 2138034
Chloride	ND	20.0	1	09/16/21	09/16/21	



	Swill	pic Du				
Enduring Resources, LLC	Project Name:	Jicarilla #103H				
6300 S Syracuse Way Suite 525	Project Number:	17065-	17065-0017 Chad Snell			Reported:
Centennial CO, 80111	Project Manager:	Chad S				9/16/2021 12:47:15PM
	S	2-18				
	E109	049-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	mg/kg Analyst: IY			Batch: 2138034
Chloride	327	20.0	1	09/16/21	09/16/21	



	Sam					
Enduring Resources, LLC	Project Name:	Jicarilla #103H				
6300 S Syracuse Way Suite 525	Project Number:	17065-	17065-0017			Reported:
Centennial CO, 80111	Project Manager:	Chad Snell			9/16/2021 12:47:15PM	
	S	2-42				
	E10	9049-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
nions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	IY		Batch: 2138034
Thloride	ND	20.0	1	09/16/21	09/16/21	



	Sam					
Enduring Resources, LLC	Project Name:	Jicarill	Jicarilla #103H			
6300 S Syracuse Way Suite 525	Project Number:	17065	-0017			Reported:
Centennial CO, 80111	Project Manager:	Chad S	Chad Snell			9/16/2021 12:47:15PM
		<b>S</b> 3				
	E109	9049-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2138034	
Chloride	126	20.0	1	09/16/21	09/16/21	

	Sam		la			
Enduring Resources, LLC	Project Name:	Jicarilla #103H				
6300 S Syracuse Way Suite 525	Project Number:	17065-	0017		Reported:	
Centennial CO, 80111	Project Manager:	Chad Snell			9/16/2021 12:47:15PM	
		8-18				
	E109	049-08				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	: IY		Batch: 2138034
Chloride	24.2	20.0	1	09/16/21	09/16/21	



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	<b>S</b> #III	pie Da				
Enduring Resources, LLC	Project Name:	Jicarilla #103H				
6300 S Syracuse Way Suite 525	Project Number:	17065	0017	Reported:		
Centennial CO, 80111	Project Manager:	Chad S	Chad Snell			9/16/2021 12:47:15PM
	S	3-33				
	E10	9049-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	: IY		Batch: 2138034
Chloride	25.6	20.0	1	09/16/21	09/16/21	

## **QC Summary Data**

				<i>v</i>						
Enduring Resources, LLC		Project Name:	Ji	carilla #103H					Rep	orted:
6300 S Syracuse Way Suite 525		Project Number:	1	7065-0017						
Centennial CO, 80111		Project Manager:	С	had Snell					9/16/2021	12:47:15PM
		Anions	by EPA 3	300.0/9056A	L .				Analys	st: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limi		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%		Notes
Blank (2138034-BLK1)							Prepared: (	9/16/21	Analyzed: (	09/16/21
Chloride	ND	20.0								
LCS (2138034-BS1)							Prepared: (	9/16/21	Analyzed: (	9/16/21
Chloride	235	20.0	250		94.0	90-110				
Matrix Spike (2138034-MS1)				Source:	E109049-0	1	Prepared: (	9/16/21	Analyzed: (	09/16/21
Chloride	1640	20.0	250	1440	77.3	80-120				M2
Matrix Spike Dup (2138034-MSD1)				Source:	E109049-0	1	Prepared: (	9/16/21	Analyzed: (	09/16/21
Chloride	1800	20.0	250	1440	143	80-120	9.52	20		M2

QC Summary Report Comment:

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

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Definitions and Notes							
Enduring Resources, LLC	Project Name:	Jicarilla #103H					
6300 S Syracuse Way Suite 525	Project Number:	17065-0017	Reported:				
Centennial CO, 80111	Project Manager:	Chad Snell	09/16/21 12:47				

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

DNI Did Not Ignite

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

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



**Project Information** 

Released to Imaging: 1/7/2022 9:30:17 AM

#### Chain of Custody

Project In	formation					Cha	in of Custody												Page	of
Project:	nduring Ticarille	103	H		2	Attention: Enduring	2	1	WO		.ab U			S PROV		10.0	TAT		EPA F	rogram
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Address:	200 EHE	CSY CO	900-1	-	1	City, State, Zip		1-1	5	0-	-1	Anal	utit at	d Meth	łіх					
Phone: S	2, Zip Form	1586	NIM	17401		Phone:			T	T	1		y313 01			-		- 5022		RCRA
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Report du	e by:		1 0000	0.0				08 /0	128	1			2					NM CO	UT AZ	TV
Time	Date Sampled	Matrix	No. of Containers	Sample	ID		Lab	DRO/ORO'by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0							
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14:12	$\rightarrow$		_		-42		6						X							
14:15	-/	-(		53	the second se		.7						X							
	-	$\rightarrow$	1	\$3			8						x							
14:20		1	1	53	- 33		19						X							
Additional	Instructions																			
(field sampler	), attest to the v	alidity and a	uthenticity o	of this same	le. I am aware	that tampering with or Intentionally/nistabel	600 I.C	_												
	Contraction is Cont.	and citer creater and	d and may b	e grounds f	or legal action.	Sampled by: Jum	Mar	ation,			5	amples acked h	requiring	thermal p	reservati	on must l	be received	d on ice the day the In subsequent days.	y are sampled	orseceived
elinquished t	oy: (Signature)		Date	Int.	Time	Received by: (Signature)	Dater (	. li	ime							_		n subsequent days.	_	
	by: (Signature)		9/. Date	<u>15/21</u>	/6:4: Time	Received by: (Signature)	Date	T	ime	:4(	G F	Recei	ved o	n ice:		b Use N	Only			
elinquished b	y: (Signature)		Date		Time	Received by: (Signature)	Date		ime		I	1			<u>T2</u>			13		
mple Matrix: S	i - Sail, <b>Sd</b> - Solid	, Sg - Sludge	. A - Aqueon	5. Q • Olho			-		_				'emp '		+					Sect
ote: Samples	are discarded	30 days all	ler results a	re report.	or unlose ath	er arrangements are made. Hazardous s h this COC. The liability of the laboratory	Container T	vpe:	g - gla	iss, p	- poly	//plas	tic, ag	- ambe	r glass	, v - VC	DA			
mples is app	licable only to	those sam	ples receive	ed by the l	aboratory wit	h this COC. The liability of the laboratory	is limited to the	amov	of to c	lient o	or disp	osed	of at th	e client	expens	e. The	report f	for the analysis	of the abo	ve
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#### **Envirotech Analytical Laboratory**

Printed: 9/15/2021 4:51:25PM

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Sam ple Receipt Checklist (SRC)

Instructions: Please take note of any NO checkm arks. If we receive no response concerning these item swithin 24 hours of the date of this notice, all the sam ples will be analyzed as requested. Client: Enduring Resources, LLC Date Received: 09/15/21 16:46 Work Order ID: E109049 Phone: (303) 573-1222 Date Logged In: 09/15/21 16:46 Logged In By: Alexa Michaels Em al: csnell@EnduringResources.com Due Date: 09/16/21 17:00 (1 day TAT) Chain of Custody (CO Q 1. Does the sam ple ID m atch the COC? Yes 2. Does the num ber of sam ples per sam pling site location m ach the COC Yes 3. Were sam ples dropped off by client or carrier? Yes Carrier: Jim Mars 4. Was the COC com plete, i.e., signatures, dates/tim &, requested analyses? Yes 5. Were all sam ples received within holding tim  $\mathcal{C}$ Yes Note: Analysis, such as pH which should be conducted in the field, i.e, 15 m nute hold tim e are not included in this disucssion. Com m ats/Resolution Sam ple Turn Around Tim e(TAT) 6. Did the COC indicate standard TAT, or Expedited TAT? Yes Sam de Cooler 7. Was a sam ple cooler received? Yes 8. If yes, was cooler received in good condition? Yes 9. Was the sam ple(s) received intact, i.e., not broken? Yes 10. Were custody/security seals present? No 11. If yes, were custody/security seals intact? NA 12. Was the sample received on ice? If yes, the recorded tem pis 4°C, i.e., 6°±2°C Yes Note: Therm a preservation is not required, if sam ples are received w/i 15 m nutes of sam ding 13. If no visible ice, record the tem perature. Actual sam ple tem perature: <u>4°C</u> Sam de Container 14. Are aqueous VOC sam des present? No 15. Are VOC samples collected in VOA Vials? NA 16. Is the head space less than 6-8 m m(pea sized or less)? NA 17. Was a trip blank (TB) included for VOC analyses? NA 18. Are non-VOC sam ples collected in the correct containers? Yes 19. Is the appropriate volum eweight or num ber of sam de containers collected? Yes Field Label 20. Were field sam ple labels filled out with the minim un inform ation: Sam ple ID? Yes Date/Time Collected? Yes Collectors nam e? Yes Sam de Preservation 21. Does the COC or field labels indicate the sam ples were preserved? No 22. Are sam ple(s) correctly preserved? NA 24. Is lab filteration required and/or requested for dissolved m dals? No Multiphase Sample Matrix 26. Does the sample have m are than one phase, i.e., m ultiphase? No 27. If yes, does the COC specify which phase(s) is to be analyzed? NA Subcontract Laboratory 28. Are sam ples required to get sent to a subcontract laboratory? No 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA **Client Instruction** 

Signature of client authorizing changes to the COC or sam ple disposition.

Date



envirotech Inc.



5796 U.S. Hwy 64 Farmington, NM 87401

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





# envirotech

**Practical Solutions for a Better Tomorrow** 

# **Analytical Report**

# Enduring Resources, LLC

Project Name:

Jicarilla #103H

Work Order: E109088

Job Number: 17065-0017

Received: 9/23/2021

Revision: 1

**Report Reviewed By:** 

Walter Hinchman Laboratory Director 9/27/21

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Page 1 of 18

Date Reported: 9/27/21

Chad Snell 6300 S Syracuse Way Suite 525 Centennial, CO 80111

Project Name: Jicarilla #103H Workorder: E109088 Date Received: 9/23/2021 1:32:00PM

Chad Snell,

e

Page 52 of 114

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/23/2021 1:32:00PM, under the Project Name: Jicarilla #103H.

The analytical test results summarized in this report with the Project Name: Jicarilla #103H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

**Raina Schwanz** 

Laboratory Administrator

rainaschwanz@envirotech-inc.com

Office: 505-632-1881

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

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Technical Representative Cell: 832-444-7704 tbrown@envirotech-inc.com

**Tom Brown** 

West Texas Midland/Odessa Area

**Alexa Michaels** 

Sample Custody Officer

labadmin@envirotech-inc.com

Office: 505-632-1881

Envirotech Web Address: www.envirotech-inc.com

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QC - Anions by EPA 300.0/9056A	15
Definitions and Notes	16
Chain of Custody etc.	17

,

		Sample Sum	mary		
Enduring Resources, LLC		Project Name:	Jicarilla #103H		Reported:
6300 S Syracuse Way Suite 525		Project Number:	17065-0017		
Centennial CO, 80111		Project Manager:	Chad Snell		09/27/21 13:04
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
West Wall	E109088-01A	Soil	09/23/21	09/23/21	Glass Jar, 4 oz.
South Wall	E109088-02A	Soil	09/23/21	09/23/21	Glass Jar, 4 oz.
West Bottom	E109088-03A	Soil	09/23/21	09/23/21	Glass Jar, 4 oz.
East Wall	E109088-04A	Soil	09/23/21	09/23/21	Glass Jar, 4 oz.
S4	E109088-05A	Soil	09/23/21	09/23/21	Glass Jar, 4 oz.
North Wall	E109088-06A	Soil	09/23/21	09/23/21	Glass Jar, 4 oz.
East Bottom	E109088-07A	Soil	09/23/21	09/23/21	Glass Jar, 4 oz.



Enduring Resources, LLC	Project Nam	e: Jica	illa #103H			
6300 S Syracuse Way Suite 525	Project Num	ber: 1700	55-0017			Reported:
Centennial CO, 80111	Project Mana	ager: Cha	d Snell			9/27/2021 1:04:08PM
		West Wall				
		E109088-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Ana	ilyst: RKS		Batch: 2139029
Benzene	ND	0.0250	1	09/23/21	09/24/21	
Ethylbenzene	ND	0.0250	1	09/23/21	09/24/21	
Toluene	ND	0.0250	1	09/23/21	09/24/21	
p-Xylene	ND	0.0250	1	09/23/21	09/24/21	
o,m-Xylene	ND	0.0500	1	09/23/21	09/24/21	
Fotal Xylenes	ND	0.0250	1	09/23/21	09/24/21	
Surrogate: Bromofluorobenzene		88.2 %	70-130	09/23/21	09/24/21	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130	09/23/21	09/24/21	
Surrogate: Toluene-d8		101 %	70-130	09/23/21	09/24/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2139029
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/23/21	09/24/21	
Surrogate: Bromofluorobenzene		88.2 %	70-130	09/23/21	09/24/21	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130	09/23/21	09/24/21	
Surrogate: Toluene-d8		101 %	70-130	09/23/21	09/24/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2139027
Diesel Range Organics (C10-C28)	ND	25.0	1	09/23/21	09/24/21	
Dil Range Organics (C28-C36)	ND	50.0	1	09/23/21	09/24/21	
Surrogate: n-Nonane		121 %	50-200	09/23/21	09/24/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2139028
Chloride	15400	1000	50	09/23/21	09/23/21	



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Enduring Resources, LLC 6300 S Syracuse Way Suite 525 Centennial CO, 80111

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Project Name:	Jicarilla	#103H				
Project Number:	17065-0	017			Rep	orted:
Project Manager:	Chad Sn	ell			9/27/2021	1:04:08PM
	1 Wall 088-02					
	Reporting					
Result	Limit	Dilution	Prepared	Analyzed	Notes	

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2139029
Benzene	ND	0.0250	1	09/23/21	09/24/21	
Ethylbenzene	ND	0.0250	1	09/23/21	09/24/21	
Toluene	ND	0.0250	1	09/23/21	09/24/21	
o-Xylene	ND	0.0250	1	09/23/21	09/24/21	
p,m-Xylene	ND	0.0500	1	09/23/21	09/24/21	
Total Xylenes	ND	0.0250	1	09/23/21	09/24/21	
Surrogate: Bromofluorobenzene		88.3 %	70-130	09/23/21	09/24/21	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	09/23/21	09/24/21	
Surrogate: Toluene-d8		100 %	70-130	09/23/21	09/24/2]	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2139029
175	mg/kg ND	mg/kg 20.0	Anal ₂ 1	yst: RKS 09/23/21	09/24/21	Batch: 2139029
Gasoline Range Organics (C6-C10)					09/24/21 09/24/21	Batch: 2139029
Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene		20.0	1	09/23/21		Batch: 2139029
Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4		20.0 88.3 %	1 70-130	09/23/21 09/23/21	09/24/21	Batch: 2139029
Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8		20.0 88.3 % 102 %	1 70-130 70-130 70-130	09/23/21 09/23/21 09/23/21	09/24/21 09/24/21	Batch: 2139029
Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Nonhalogenated Organics by EPA 8015D - DRO/ORO	ND	20.0 88.3 % 102 % 100 %	1 70-130 70-130 70-130	09/23/21 09/23/21 09/23/21 09/23/21	09/24/21 09/24/21	
Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Nonhalogenated Organics by EPA 8015D - DRO/ORO Diesel Range Organics (C10-C28)	ND ,mg/kg	20.0 88.3 % 102 % 100 % mg/kg	1 70-130 70-130 70-130 Analy	09/23/21 09/23/21 09/23/21 09/23/21 vyst: JL	09/24/21 09:24/21 09/24/21	
Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Nonhalogenated Organics by EPA 8015D - DRO/ORO Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND ,mg/kg ND	20.0 88.3 % 102 % 100 % mg/kg 25.0	1 70-130 70-130 70-130 Analy	09/23/21 09/23/21 09/23/21 09/23/21 vst: JL 09/23/21	09/24/21 09/24/21 09/24/21	
Nonhalogenated Organics by EPA 8015D - GRO Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Nonhalogenated Organics by EPA 8015D - DRO/ORO Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36) Surrogate: n-Nonane Anions by EPA 300.0/9056A	ND ,mg/kg ND	20.0 88.3 % 102 % 100 % mg/kg 25.0 50.0	1 70-130 70-130 Manaly 1 1 50-200	09/23/21 09/23/21 09/23/21 09/23/21 yst: JL 09/23/21 09/23/21	09/24/21 09/24/21 09/24/21 09/24/21 09/24/21	

Analyzed 09/24/21 09/24/21 09/24/21	<b>Reported:</b> 9/27/2021 1:04:08PM Notes Batch: 2139029
09/24/21 09/24/21	9/27/2021 1:04:08PM
09/24/21 09/24/21	Notes
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09/24/21	Batch: 2139029
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Enduring Resources, LLC	Project Name	: Jica	rilla #103H			
6300 S Syracuse Way Suite 525	Project Numb	er: 170	65-0017			Reported:
Centennial CO, 80111	Project Manag	ger: Cha	d Snell			9/27/2021 1:04:08PN
		East Wall				
		E109088-04				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Ал	nalyst: RKS		Batch: 2139029
Benzene	ND	0.0250	1	09/23/21	09/24/21	
Ethylbenzene	ND	0.0250	1	09/23/21	09/24/21	
Toluene	ND	0.0250	1	09/23/21	09/24/21	
o-Xylene	ND	0.0250	1	09/23/21	09/24/21	
o,m-Xylene	ND	0.0500	1	09/23/21	09/24/21	
Fotal Xylenes	ND	0.0250	1	09/23/21	09/24/21	
Surrogate: Bromofluorobenzene		88.6 %	70-130	09/23/21	09/24/21	
Surrogate: 1,2-Dichloroethane-d4		99.8 %	70-130	09/23/21	09/24/21	
Surrogate: Toluene-d8		99.6 %	70-130	09/23/21	09/24/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	nalyst: RKS		Batch: 2139029
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/23/21	09/24/21	
Surrogate: Bromofluorobenzene		88.6 %	70-130	09/23/21	09/24/21	
Surrogate: 1,2-Dichloroethane-d4		99.8 %	70-130	09/23/21	09/24/21	
Surrogate: Toluene-d8		99.6 %	70-130	09/23/21	09/24/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	nalyst: JL		Batch: 2139027
Diesel Range Organics (C10-C28)	ND	25.0	1	09/23/21	09/24/21	
Dil Range Organics (C28-C36)	ND	50.0	1	09/23/21	09/24/21	
Surrogate: n-Nonane		105 %	50-200	09/23/21	09/24/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	nalyst: IY		Batch: 2139028

 Anions by EPA 300.0/9056A
 mg/kg
 mg/kg
 Analyst: IY

 Chloride
 2500
 40.0
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 09/23/21
 09/23/21



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Enduring Resources, LLC	Project Name:	Jica	rilla #103H	I			
6300 S Syracuse Way Suite 525	Project Number	: 1700	65-0017				Reported:
Centennial CO, 80111	Project Manage	r: Cha	d Snell				9/27/2021 1:04:08PM
		S4					
	I	109088-05					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2139029
Benzene	ND	0.0250		1	09/23/21	09/24/21	
Sthylbenzene	ND	0.0250		1	09/23/21	09/24/21	
Toluene	ND	0.0250		1	09/23/21	09/24/21	
-Xylene	ND	0.0250		1	09/23/21	09/24/21	
,m-Xylene	ND	0.0500		1	09/23/21	09/24/21	
fotal Xylenes	ND	0.0250		1	09/23/21	09/24/21	
urrogate: Bromofluorobenzene	ł	89.7 %	70-130		09/23/21	09/24/21	
urrogate: 1,2-Dichloroethane-d4	1	07.4 %	70-130		09/23/21	09/24/21	
urrogate: Toluene-d8	9	99.0 %	70-130		09/23/21	09/24/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2139029
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/23/21	09/24/21	
lurrogate: Bromofluorobenzene	ä	89.7.%	70-130		09/23/21	09/24/21	
urrogate: 1,2-Dichloroethane-d4	ļ	07.4 %	70-130		09/23/21	09/24/21	
urrogate: Toluene-d8	!	9.0 %	70-130		09/23/21	09/24/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	л		Batch: 2139027
Diesel Range Organics (C10-C28)	ND	25.0		1	09/23/21	09/24/21	
Dil Range Organics (C28-C36)	ND	50.0		1	09/23/21	09/24/21	
urrogate: n-Nonane		125 %	50-200		09/23/21	09/24/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2139028



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Enduring Resources, LLC	Project Name:		rilla #103H				
6300 S Syracuse Way Suite 525	Project Number	r: 1706	55-0017				Reported:
Centennial CO, 80111	Project Manage	er: Cha	d Snell				9/27/2021 1:04:08PM
	ľ	North Wall					
	1	E109088-06					
		Reporting					
Analyte	Result	Limit	Dih	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RK	S		Batch: 2139029
Benzene	ND	0.0250	:	1	09/23/21	09/24/21	
Ethylbenzene	ND	0.0250	:	1	09/23/21	09/24/21	
Toluene	ND	0.0250		1	09/23/21	09/24/21	
p-Xylene	ND	0.0250	:	1	09/23/21	09/24/21	
o,m-Xylene	ND	0.0500	:	1	09/23/21	09/24/21	
Total Xylenes	ND	0.0250		1	09/23/21	09/24/21	
Surrogate: Bromofluorobenzene		87.8 %	70-130		09/23/21	09/24/21	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		09/23/21	09/24/21	
Surrogate: Toluene-d8		100 %	70-130		09/23/21	09/24/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS			Batch: 2139029
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/23/21	09/24/21	
Surrogate: Bromofluorobenzene		87.8 %	70-130		09/23/21	09/24/21	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		09/23/21	09/24/21	
Surrogate: Toluene-d8		100 %	70-130		09/23/21	09/24/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL			Batch: 2139027
Diesel Range Organics (C10-C28)	ND	25.0		1	09/23/21	09/24/21	
Dil Range Organics (C28-C36)	ND	50.0		1	09/23/21	09/24/21	
Surrogate: n-Nonane		124 %	50-200		09/23/21	09/24/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2139028	
Chloride	1380	20.0		1	09/23/21	09/23/21	



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Enduring Resources, LLC	Project Name:	Jican	illa #103H			
6300 S Syracuse Way Suite 525	Project Number	er: 1706	5-0017			Reported:
Centennial CO, 80111	Project Manag	er: Cha	i Snell			9/27/2021 1:04:08PM
	F	East Bottom				
		E109088-07				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	An	alyst: RKS		Batch: 2139029
Benzene	ND	0.0250	1	09/23/21	09/24/21	
Ethylbenzene	ND	0.0250	1	09/23/21	09/24/21	
Toluene	ND	0.0250	1	09/23/21	09/24/21	
-Xylene	ND	0.0250	1	09/23/21	09/24/21	
,m-Xylene	ND	0.0500	1	09/23/21	09/24/21	
Total Xylenes	ND	0.0250	1	09/23/21	09/24/21	
urrogate: Bromofluorobenzene		92.3 %	70-130	09/23/21	09/24/21	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130	09/23/21	09/24/21	
urrogate: Toluene-d8		101 %	70-130	09/23/21	09/24/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: RKS	Batch: 2139029	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/23/21	09/24/21	
urrogate: Bromofluorobenzene		92.3 %	70-130	09/23/21	09/24/21	
urrogate: 1,2-Dichloroethane-d4		99.4 %	70-130	09/23/21	09/24/21	
urrogate: Toluene-d8		101 %	70-130	09/23/21	09/24/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2139027
Diesel Range Organics (C10-C28)	ND	25.0	1	09/23/21	09/24/21	
Dil Range Organics (C28-C36)	ND	50.0	1	09/23/21	09/24/21	
urrogate: n-Nonane		122 %	50-200	09/23/21	09/24/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: IY		Batch: 2139028
Chloride	245	20.0	1	09/23/21	09/24/21	



## **QC Summary Data**

		QC SI		II y Data	L				
Enduring Resources, LLC 6300 S Syracuse Way Suite 525		Project Name: Project Number:		carilla #103H 7065-0017					Reported:
Centennial CO, 80111		Project Manager:	C	had Snell				9	/27/2021 1:04:08PM
	,	Volatile Organic	Compo	unds by EP	A 8260F	3			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2139029-BLK1)							Prepared: 0	9/23/21 An:	alyzed: 09/23/21
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Fotal Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.456		0.500		91.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.1	70-130			
Surrogate: Toluene-d8	0.499		0.500		<b>99</b> .7	70-130			
LCS (2139029-BS1)							Prepared: 0	9/23/21 An	alyzed: 09/23/21
Benzene	2.36	0.0250	2.50		94.5	70-130			
Sthylbenzene	2.41	0.0250	2.50		96.4	70-130			
Foluene	2.42	0.0250	2.50		96.9	70-130			
-Xylene	2.31	0.0250	2.50		92.4	70-130			
o,m-Xylene	4.77	0.0500	5.00		95.4	70-130			
Total Xylenes	7.08	0.0250	7.50		94.4	70-130			
Surrogate: Bromofluorobenzene	0.479		0.500		95.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.8	70-130			
Surrogate: Toluene-d8	0.503		0.500		101	70-130			
Matrix Spike (2139029-MS1)				Source: I	E109086-(	)1	Prepared: 0	9/23/21 Ana	alyzed: 09/23/21
Benzene	2.33	0.0250	2.50	ND	93.3	48-131			
Ethylbenzene	2.32	0.0250	2.50	ND	92.8	45-135			
Toluene	2.35	0.0250	2.50	ND	94.2	48-130			
Xylene	2.27	0.0250	2.50	ND	90.6	43-135			
o,m-Xylene	4.61	0.0500	5.00	ND ND	92.3	43-135 43-135			
Fotal Xylenes	6.88	0.0250	7.50	PHD.	91.7				
Surrogate: Bromofluorobenzenc	0.478		0.500		95.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.6	70-130			
Surrogate: Toluene-d8	0.496		0.500		99.2	70-130			
Matrix Spike Dup (2139029-MSD1)					E109086-0				alyzed: 09/23/21
Senzene	2.38	0.0250	2.50	ND	95.3	48-131	2.12	23	
Rhylbenzene	2.41	0.0250	2.50	ND	96.3	45-135	3.62	27	
oluene	2.40	0.0250	2.50	ND	96.2	48-130	2.10	24	
⊢Xylene	2.31 4.76	0.0250	2.50 5.00	ND ND	92.3 95.2	43-135 43-135	1.86 3.07	27	
o,m-Xylene Fotal Xylenes	4.76	0.0500 0.0250	5.00 7.50	ND	95.2 94.2	43-135	2.67	27 27	
			1.20	1412	14.4	-1-1-25	4.07	21	
		010400	0 500		02 5	70 120			
Surrogate: Bromofluorobenzene	0.468		0.500		93.5	70-130			
Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8			0.500 0.500 0.500		93.5 97.7 98.8	70-130 70-130 70-130			

## **QC Summary Data**

		QC DI		ary Data	L					
Enduring Resources, LLC		Project Name:		icarilla #103H					Rep	orted:
6300 S Syracuse Way Suite 525		Project Number:		7065-0017						
Centennial CO, 80111		Project Manager:	С	had Snell					9/27/2021	1:04:08PM
	N	onhalogenated O	rganics	by EPA 801	5D - GR	D			Analyst:	RKS
Analyte		Reporting	Spike	Source		Rec		RPD		
	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	t -	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	1	Notes
Blank (2139029-BLK1)							Prepared: 0	9/23/21	Analyzed: 0	9/23/21
Gasoline Range Organics (C6-C10)	ND	20.0								
Surrogate: Bromofluorobenzene	0.456		0.500		91.1	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.1	70-130				
Surrogate: Toluene-d8	0.499		0.500		99.7	70-130				
LCS (2139029-BS2)							Prepared: 0	9/23/21	Analyzed: 0	9/23/21
Gasoline Range Organics (C6-C10)	44.8	20.0	50.0		89.5	70-130				
Surrogate: Bromofluorobenzene	0.453		0.500		90.6	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101	70-130				
Surrogate: Toluene-d8	0.502		0.500		100	70-130				
Matrix Spike (2139029-MS2)				Source: F	C109086-01		Prepared: 0	9/23/21	Analyzed: 0	9/23/21
Gasoline Range Organics (C6-C10)	47.0	20.0	50.0	ND	94.0	70-130				
urrogate: Bromofluorobenzene	0.466		0.500		93.2	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.511		0.500		102	70-130				
Surrogate: Toluene-d8	0.497		0.500		99.3	70-130				
Matrix Spike Dup (2139029-MSD2)				Source: H	E109086-01		Prepared: 0	9/23/21	Analyzed: 0	9/23/21
Gasoline Range Organics (C6-C10)	47.2	20.0	50.0	ND	94.4	70-130	0.469	20		
Surrogate: Bromofluorobenzene	0.472		0.500		94.3	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.4	70-130				
Surrogate: Toluene-d8	0.491		0.500		98.1	70-130				



# **QC Summary Data**

				······					
Enduring Resources, LLC 6300 S Syracuse Way Suite 525		Project Name: Project Number:		icarilla #103H 7065-0017					Reported:
Centennial CO, 80111		Project Manager:	-	had Snell					9/27/2021 1:04:08PM
	Nonh	alogenated Orga	anics by	EPA 8015D	- DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2139027-BLK1)							Prepared: 0	9/23/21	Analyzed: 09/23/21
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	55.5		50.0		111	50-200			
LCS (2139027-BS1)							Prepared: 0	9/23/21	Analyzed: 09/23/21
Diesel Range Organics (C10-C28)	485	25.0	500		97.1	38-132			
Surrogate: n-Nonane	52.3		50.0		105	50-200			
Matrix Spike (2139027-MS1)				Source: E	109088-0	01	Prepared: 0	9/23/21	Analyzed: 09/24/21
Diesel Range Organics (C10-C28)	541	25.0	500	ND	108	38-132			
Surrogate: n-Nonane	58.9		50.0		118	50-200			
Matrix Spike Dup (2139027-MSD1)				Source: E	109088-0	01	Prepared: 0	9/23/21	Analyzed: 09/24/21
Diesel Range Organics (C10-C28)	556	25.0	500	ND	111	38-132	2.77	20	
Surrogate: n-Nonane	59.4		50.0		119	50-200			



## **QC Summary Data**

		£0.0								
Enduring Resources, LLC		Project Name:		Jicarilla #103H					Repo	rted:
6300 S Syracuse Way Suite 525		Project Number:		17065-0017						
Centennial CO, 80111		Project Manager:	. (	Chad Snell					9/27/2021	1:04:08PM
		Anions	by EPA	300.0/9056A					Analyst:	IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	N	otes
Blank (2139028-BLK1)			_				Prepared: 0	9/23/21	Analyzed: 09	/23/21
Chloride	ND	20.0								
LCS (2139028-BS1)							Prepared: 0	9/23/21	Analyzed: 09	/23/21
Chloride	232	20.0	250		92.9	90-110				
Matrix Spike (2139028-MS1)				Source: E	109086-	01	Prepared: 0	9/23/21	Analyzed: 09	/23/21
Chloride	381	20.0	250	127	102	80-120				
Matrix Spike Dup (2139028-MSD1)				Source: E	109086-	01	Prepared: 0	9/23/21	Analyzed: 09	/23/21
Chloride	377	20.0	250	127	100	80-120	1.12	20		

QC Summary Report Comment:

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



-		Demition	s and motes	
	Enduring Resources, LLC	Project Name:	Jicarilla #103H	
l	6300 S Syracuse Way Suite 525	Project Number:	17065-0017	Reported:
l	Centennial CO, 80111	Project Manager:	Chad Snell	09/27/21 13:04

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



		Lab U								E E	TAT		EPA P	rogran
piect Manager: Chad Snell Addres	Attention: Enduring Address: City, State, Zip		Lab WO#			Job Number		-	1D 2D 3D		Stan	dard	CWA	SDW
			E109088				205-00							
y, State, Zip Farmington, NM, 4701 Phone:				-	-	Analy	sis and Me	thod				1.5.2		RCR
one: (505) 444-0586 Email:			8015									V. 1967		
ail: csnell@enduringresources.com													State	
port due by:		م م	۵ ۱	3021	260	3	300.6				N	MCO	UT AZ	
Ime Date Sampled Matrix No. of Containers Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0						Remarks	
40 9/23/21 S I West Wall	t	×	×	X	-	-	X							
40 9/23/21 S I West Wall 50 ( / ( South Wall	2	X	×	×			X					-		
West BOTT	3	x	X	X			X							
:10 EAST Well	4	×	x	X			×							
iis () 54	5	×	x	$\times$			×							
30 NorTh Wall	(0	¥	×	X			X							
35 ) East Botto	ユ	×	×	×			×							0,10
	1.0.13													
	1.15													C
litional Instructions:														
ld sampler), attest to the validity and authenticity of this sample. 1 am aware that tam or time of collection is considered fraud and may be grounds for legal action.	entionally mislabelling the sample lo	cation (?))	1	23-	21	Sample: receiver	requiring thern I packed in ice a	nal pre t an av	servation g temp a	n must be n ibove 0 but	eceived on I less than 6	ce the day ti oC on subse	hey are samp quent days.	led or
12521 1.30pm (	Date Date	71	Time 13	:3	2	Rece	ived on ice		Lab	Use On	ily		12	35
aquished by: (Signature) Date Time Rec	ure) Date		Time			T1			2		T3			
equished by: (Signature) Date Time Recu	ure) Date	1	Flme				Tama a f	Ċ	Î		13			
le Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other : Samples are discarded 30 days after results are reported unless other arran Use is annicable only to those sampler received by the laboratory with this d	Container 1	Type	a - a	lace	0 0	Juliat	Temp oC	-	!	1. 1.00			Sec. 1	

#### **Envirotech Analytical Laboratory**

Printed: 9/23/2021 2:07:58PM

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Sam ple Receipt Checklist (SRC) Instructions: Please take note of any NO checkm arks. If we receive no response concerning these item s within 24 hours of the date of this notice, all the sam ples will be analyzed as requested. Enduring Resources, LLC Client: Date Received: 09/23/21 13:32 Work Order ID: E109088 Phone (303) 573-1222 Date Logged In: 09/23/21 14:04 Logged In By: Alexa Michaels Em al: csnell@EnduringResources.com Due Date: 09/24/21 17:00 (1 day TAT) Chain of Custody (CO Q 1. Does the sam ple ID m atch the COC? Yes 2. Does the num her of sam ples per sam pling site location m ach the COC Yes 3. Were sam ples dropped off by client or carrier? Yes Carrier: Chad Snell 4. Was the COC com plete, i.e., signatures, dates/tim &, requested analyses? Yes 5. Were all sam ples received within holding tim  $\mathcal{C}$ Yes Note: Analysis, such as pH which should be conducted in the field. i.e, 15 m nute hold tim ç are not included in this disucssion. Com m ats/Resolution Sam de Turn Around Tim e(TAT) 6. Did the COC indicate standard TAT, or Expedited TAT? Yes Sam ple Cooler 7. Was a sam ple cooler received? Yes 8. If yes, was cooler received in good condition? Yes 9. Was the sam ple(s) received intact, i.e., not broken? Yes 10. Were custody/security seals present? No 11. If yes, were custody/security seals intact? NA 12. Was the sample received on ice? If yes, the recorded tem pis 4°C, i.e., 6°±2°C Yes Note: Therm d preservation is not required, if sam ples are received w/i 15 m nutes of sam ding 13. If no visible ice, record the tem perature. Actual sam ple tem perature: 4°C Sam ple Container 14. Are aqueous VOC sam ples present? No 15. Are VOC samples collected in VOA Vials? NA 16. Is the head space less than 6-8 m m(pea sized or less)? NA 17. Was a trip blank (TB) included for VOC analyses? NA 18. Are non-VOC sam ples collected in the correct containers? Yes 19. Is the appropriate volum e'weight or num her of sam ple containers collected? Yes Field Label 20. Were field sam ple labels filled out with the m nim un inform aton: Sam ple ID? Yes Date/Time Collected? Yes Collectors nam & Yes Sam de Preservation 21. Does the COC or field labels indicate the sam des were preserved? No 22. Are sam ple(s) correctly preserved? NA 24. Is lab filteration required and/or requested for dissolved m dals? No Multiphase Sample Matrix 26. Does the sample have m cre than one phase, i.e., m utiphase? No 27. If yes, does the COC specify which phase(s) is to be analyzed? NA Subcontract Laboratory 28. Are sam ples required to get sent to a subcontract laboratory? No 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA



Signature of client authorizing changes to the COC or sam ple disposition.



envirotech Inc.

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5796 U.S. Hwy 64 Farmington, NM 87401

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





# envirotech

**Practical Solutions for a Better Tomorrow** 

# **Analytical Report**

# Enduring Resources, LLC

**Project Name:** 

Jicarilla 103H PDP

Work Order: E110065

Job Number: 17065-0017

Received: 10/14/2021

Revision: 1

**Report Reviewed By:** 

Walter Hinchman Laboratory Director 10/15/21

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979) Date Reported: 10/15/21

Chad Snell 6300 S Syracuse Way Suite 525 Centennial, CO 80111

Project Name: Jicarilla 103H PDP Workorder: E110065 Date Received: 10/14/2021 11:42:00AM

Chad Snell,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/14/2021 11:42:00AM, under the Project Name: Jicarilla 103H PDP.

The analytical test results summarized in this report with the Project Name: Jicarilla 103H PDP apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe Technical Representative/Client Services Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

West Texas Midland/Odessa Area Tom Brown Technical Representative Cell: 832-444-7704 tbrown@envirotech-inc.com

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		Sample Sum	mary		
Enduring Resources, LLC 6300 S Syracuse Way Suite 525 Centennial CO, 80111		Project Name: Project Number: Project Manager:	Jicarilla 103H PDP 17065-0017 Chad Snell		<b>Reported:</b> 10/15/21 15:11
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
North Wall	E110065-01A	Soil	10/14/21	10/14/21	Glass Jar, 4 oz.
East Wall	E110065-02A	Soil	10/14/21	10/14/21	Glass Jar, 4 oz.
West Wall	E110065-03A	Soil	10/14/21	10/14/21	Glass Jar, 4 oz.
\$5	E110065-04A	Soil	10/14/21	10/14/21	Glass Jar, 4 oz.
S6	E110065-05A	Soil	10/14/21	10/14/21	Glass Jar, 4 oz.


Enduring Resources, LLC	Project Name:	Jica	rilla 103H PDP	,		
6300 S Syracuse Way Suite 525	Project Numbe	er: 170	65-0017			Reported:
Centennial CO, 80111	Project Manag	er: Cha	d Snell			10/15/2021 3:11:32PM
	]	North Wall				
		E110065-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B mg/kg mg/kg				llyst; IY		Batch: 2142038
enzene	ND	0.0250	1	10/14/21	10/15/21	
thylbenzene	ND	0.0250	1	10/14/21	10/15/21	
oluene	ND	0.0250	1	10/14/21	10/15/21	
-Xylene	ND	0.0250	1	10/14/21	10/15/21	
,m-Xylene	ND	0.0500	1	10/14/21	10/15/21	
otal Xylenes	ND	0.0250	1	10/14/21	10/15/21	
urrogate: 4-Bromochlorobenzene-PID		91.1 %	70-130	10/14/21	10/15/21	
Ionhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ала	lyst: IY		Batch: 2142038
asoline Range Organics (C6-C10)	ND	20.0	1	10/14/21	10/15/21	
urrogate: 1-Chloro-4-fluorobenzene-FID		94.1 %	70-130	10/14/21	10/15/21	
onhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2142033
viesel Range Organics (C10-C28)	ND	25.0	1	10/14/21	10/14/21	
il Range Organics (C28-C36)	ND	50.0	1	10/14/21	10/14/21	
urrogate: n-Nonane		112 %	50-200	10/14/21	10/14/21	
nions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2142026
hloride	263	20.0	1	10/14/21	10/14/21	



	04	ampie D	ala			
Enduring Resources, LLC	Project Name:	Jica	rilla 103H PDP			
6300 S Syracuse Way Suite 525	Project Numbe	er: 170	65-0017			Reported:
Centennial CO, 80111	Project Manag	ger: Cha	d Snell			10/15/2021 3:11:32PM
		East Wall				
		E110065-02				
4		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: IY		Batch: 2142038
Senzene	ND	0.0250	1	10/14/21	10/15/21	
thylbenzene	ND	0.0250	1	10/14/21	10/15/21	
oluene	ND	0.0250	1	10/14/21	10/15/21	
-Xylene	ND	0.0250	1	10/14/21	10/15/21	
),m-Xylene	ND	0.0500	1	10/14/21	10/15/21	
Total Xylenes	ND	0.0250	1	10/14/21	10/15/21	
urrogate: 4-Bromochlorobenzene-PID		93.5 %	70-130	10/14/21	10/15/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: IY		Batch: 2142038
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/21	10/15/21	
urrogate: 1-Chloro-4-fluorobenzene-FID		94.4 %	70-130	10/14/21	10/15/21	
Ionhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: JL		Batch: 2142033
Diesel Range Organics (C10-C28)	ND	25.0	1	10/14/21	10/14/21	
Dil Range Organics (C28-C36)	ND	50.0	1	10/14/21	10/14/21	l
urrogate: n-Nonane		107 %	50-200	10/14/21	10/14/21	
nions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: RAS		Batch: 2142026
Chloride	829	20.0	1	10/14/21	10/14/21	



		1				
Enduring Resources, LLC	rilla 103H PDP					
6300 S Syracuse Way Suite 525	Project Numb	ber: 170	65-0017			Reported:
Centennial CO, 80111	Project Mana	ger: Cha	d Snell			10/15/2021 3:11:32PM
		West Wall				
		E110065-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2142038
Benzene	ND	0.0250	1	10/14/21	10/15/21	
Ethylbenzene	ND	0.0250	1	10/14/21	10/15/21	
Foluene	ND	0.0250	1	10/14/21	10/15/21	
-Xylene	ND	0.0250	1	1 10/14/21		
o,m-Xylene	ND	0.0500	1	10/14/21	10/15/21	
Fotal Xylenes	ND	0.0250	1	10/14/21	10/15/21	
Surrogate: 4-Bromochlorobenzene-PID		91.7 %	70-130	10/14/21	10/15/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2142038
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/21	10/15/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.9 %	70-130	10/14/21	10/15/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2142033
Diesel Range Organics (C10-C28)	ND	25.0	1	10/14/21	10/14/21	
Dil Range Organics (C28-C36)	ND	50.0	1	10/14/21	10/14/21	
urrogate: n-Nonane		109 %	50-200	10/14/21	10/14/21	
nions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	:: RAS		Batch: 2142026
Chloride	2290	40.0	2	10/14/21	10/14/21	



Enduring Resources, LLC	Project Name	e: Jican	rilla 103H PDP			
6300 S Syracuse Way Suite 525	Project Numl	ber: 1700	55-0017			Reported:
Centennial CO, 80111	Project Mana	ger: Cha	d Snell			10/15/2021 3:11:32PM
		S5				
		E110065-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	at: IY		Batch: 2142038
Benzene	ND	0.0250	1	10/14/21	10/15/21	
Ethylbenzene	ND	0.0250	1	10/14/21	10/15/21	
Toluene	ND	0.0250	1	10/14/21	10/15/21	
-Xylene	ND	0.0250	1	10/14/21	10/15/21	
o,m-Xylene	ND	0.0500	1	10/14/21	10/15/21	
Fotal Xylenes	ND	0.0250	1	10/14/21	10/15/21	
Surrogate: 4-Bromochlorobenzene-PID		91.9 %	70-130	10/14/21	10/15/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: IY		Batch: 2142038
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/21	10/15/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.3 %	70-130	10/14/21	10/15/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: JL		Batch: 2142033
Diesel Range Organics (C10-C28)	ND	25.0	1	10/14/21	10/14/21	
Dil Range Organics (C28-C36)	ND	50.0	1	10/14/21	10/14/21	
Surrogate: n-Nonane		114 %	50-200	10/14/21	10/14/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: RAS		Batch: 2142026
Chloride	1990	40.0	2	10/14/21	10/14/21	



Enduring Resources, LLC						
6300 S Syracuse Way Suite 525	Project Numbe	er: 170	65-0017			Reported:
Centennial CO, 80111	Project Manag	ger: Cha		10/15/2021 3:11:32PM		
		<b>S6</b>				
		E110065-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2142038
Benzene	ND	0.0250	1	10/14/21	10/15/21	
Ethylbenzene	ND	0.0250	1	10/14/21	10/15/21	
Foluene	ND	0.0250	1	10/14/21	10/15/21	
p-Xylene	ND	0.0250	1	10/14/21	10/15/21	
o,m-Xylene	ND	0.0500	1	10/14/21	10/15/21	
Fotal Xylenes	ND	0.0250	1	10/14/21	10/15/21	
Surrogate: 4-Bromochlorobenzene-PID		92.4 %	70-130	10/14/21	10/15/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2142038
Jasoline Range Organics (C6-C10)	ND	20.0	1	10/14/21	10/15/21	
Surrogate: 1-Chloro-4-fluorobenzene-F1D		93.6 %	70-130	10/14/21	10/15/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2142033
Diesel Range Organics (C10-C28)	ND	25.0	1	10/14/21	10/14/21	
Dil Range Organics (C28-C36)	ND	50.0	1	10/14/21	10/14/21	
Surrogate: n-Nonane		112 %	50-200	10/14/21	10/14/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: RAS		Batch: 2142026
Chloride	2190	40.0	2	10/14/21	10/14/21	



# **QC Summary Data**

		<b>C</b> =							
Enduring Resources, LLC 6300 S Syracuse Way Suite 525		Project Name: Project Number:		carilla 103H F 7065-0017	PDP				Reported:
Centennial CO, 80111		Project Manager:	C	had Snell					10/15/2021 3:11:32PM
		Volatile O	rganics l	oy EPA 802	21 <b>B</b>				Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2142038-BLK1)							Prepared: 1	0/14/21 /	Analyzed: 10/15/21
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.90		8.00		98.8	70-130			
LCS (2142038-BS1)							Prepared: 1	0/14/21 /	Anałyzed: 10/15/21
Benzene	4.97	0.0250	5.00		99.5	70-130			
Ethylbenzene	4.78	0.0250	5.00		95.6	70-130			
Toluene	4.97	0.0250	5.00		99.3	70-130			
>-Xylene	4.86	0.0250	5.00		97.1	70-130			
,m-Xylene	9.73	0.0500	10.0		97.3	70-130			
Total Xylenes	14.6	0.0250	15.0		97.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.90		8.00		98.7	70-130			
LCS Dup (2142038-BSD1)							Prepared: 1	0/14/21 /	Analyzed: 10/15/21
Benzene	5.04	0.0250	5.00		101	70-130	1.42	20	
Ethylbenzene	4.85	0.0250	5.00		97.0	70-130	1.51	20	
Toluene	5.04	0.0250	5.00		101	70-130	1.40	20	
o-Xylene	4.93	0.0250	5.00		98.6	70-130	1.52	20	
o,m-Xylene	9.88	0.0500	10.0		98.8	70-130	1.53	20	
Fotal Xylenes	14.8	0.0250	15.0		98.7	70-130	1.53	20	
Surrogate: 4-Bromochlorobenzene-PID	7.74		8.00		96.8	70-130			

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		~~~~			•						
Enduring Resources, LLC	Enduring Resources, LLC Project Name: Jicarilla 103H PDP										
6300 S Syracuse Way Suite 525	6300 S Syracuse Way Suite 525 Project Number: 17065-0017										
Centennial CO, 80111		Project Manager:		Chad Snell					10/15/2021 3:11:32PN		
	No	onhalogenated C	Organic	s by EPA 801	5 D - G	RO			Analyst: IY		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limi			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2142038-BLK1)							Prepared: 1	0/14/21	Analyzed: 10/15/21		
Gasoline Range Organics (C6-C10)	ND	20.0									
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.41		8.00		92.6	70-130					
LCS (2142038-BS2)							Prepared: 1	0/14/21	Analyzed: 10/15/21		
Gasoline Range Organics (C6-C10)	52.5	20.0	50.0		105	70-130					
urrogate: 1-Chloro-4-fluorobenzene-FID	7.60		8.00		95.0	70-130					
LCS Dup (2142038-BSD2)							Prepared: 1	0/14/21	Analyzed: 10/15/21		
Gasoline Range Organics (C6-C10)	52.9	20.0	50.0		106	70-130	0.868	20			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.53		8.00		94.1	70-130					



		¥ 0 0		ni j Dutu					
Enduring Resources, LLC		Project Name:	Ji	icarilla 103H PI)P				Reported:
6300 S Syracuse Way Suite 525		Project Number:	1	7065-0017					
Centennial CO, 80111		Project Manager:	C	Chad Snell					10/15/2021 3:11:32PM
	Nonh	alogenated Org	anics by	EPA 8015D	- DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPE Limi	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2142033-BLK1)							Prepared: 1	0/14/21	Analyzed: 10/14/21
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.5		50.0		109	50-200			
LCS (2142033-BS1)							Prepared: 1	0/14/21	Analyzed: 10/14/21
Diesel Range Organics (C10-C28)	564	25.0	500		113	38-132			
Surrogate: n-Nonane	55.1		50.0		110	50-200			
LCS Dup (2142033-BSD1)							Prepared: 10	0/14/21	Analyzed: 10/14/21
Diesel Range Organics (C10-C28)	582	25.0	500		116	38-132	2.99	20	
Surrogate: n-Nonane	55.4		50,0		Ш	50-200			

QC Summary Data

				•					
Enduring Resources, LLC		Project Name:	Jie	carilla 103H P	PDP				Reported:
6300 S Syracuse Way Suite 525		Project Number: 17065-0017							•
Centennial CO, 80111		Project Manager	:: C	had Snell					10/15/2021 3:11:32PM
		Analyst: RAS							
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2142026-BLK1)							Prepared: 1	0/14/21	Analyzed: 10/14/21
Chloride	ND	20.0							
LCS (2142026-BS1)							Prepared: 1	0/14/21	Analyzed: 10/14/21
Chloride	245	20.0	250		97.8	90-110			
LCS Dup (2142026-BSD1)							Prepared: 1	0/14/21	Analyzed: 10/14/21

QC Summary Report Comment:

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

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Definitions and Notes

Enduring Resources, LLC	Project Name:	Jicarilla 103H PDP	
6300 S Syracuse Way Suite 525	Project Number:	17065-0017	Reported:
Centennial CO, 80111	Project Manager:	Chad Snell	10/15/21 15:11

ND Analyte NOT DETECTED at or above the reporting limit

- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

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

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



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Client: Enduring Reso			10	Bill To		1.00	4.23	1	ah II	se O	alv	1.0.1.1.1			-	AT	_		
Project: Jicarilla		H PDP	2	Attention: Enduring		Lah	WO				Num	her	1	D 2			and a		Progra
Project Manager: Cha				Address:		F	lio	OU	E			-001-	₽ŀ		0 50	Stanu	nu	CWA	SDV
Address: 200 Ender				City, State, Zip		-be-						nd Meth			_	1	1.1.2		RC
City, State, Zip Farming		<i>A</i> , 4701	-	Phone:			T	1	1	T			T	-	T				RU
Phone: (505) 444-058			K	Email:		12	8015											State	
Email: csnell@endurin	gresour	ces.com	-	2		A 80	v 80	5			9					NM	CO	UTA	
Report due by:						l g	102	80	826	010	30								+
Time Sampled Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number	DRO/ORO by 8015	GRO/DRO by	BTEX by 8021	VOC by 8260	Metals 6010	Chlorlde 300.0							Remark	Z TX
9:40 10/14/21	5	1	North 1	Wall	1	X	X	X			X								
9:45 10/14/21	S	1	East	wall	2	×	×	×			×								
9:50 10/14/21	S	1	West	Nall	3	X	×	×			×								
10:00 10/14/21	5	1	<u>\$5</u>		4	×	×	×			×								
10:05 10/14/21	S		56		5	×	×	X			Х								
																			0
																			- 5 of 1
																			 Page 1
					1941														
Additional Instructions																			
	alidity and a			ware that tampering with or intentionally mislat	celling the sample i	locatio	ю,			Sample receive	s requir d packe	ing thermal d in Ice at a	l preso in avg	rvation temp al	i must be r bove 0 but	eceived on ice i less than 6 oC	he ɗay an subs	they are san equent days	npled or
telinquished by: (Signature)		Date 10/1 Date	14/21 Time 11:4 Time	Z Received by: (Signature) Received by: (Signature)	Date	21	Time	:47	2	Rece	ived	on ice:		Lab I	Use Or N	ily			5
elinquished by: (Signature)	_	Date	Time		Date			_		<u>T1</u>			<u>T2</u>			<u>T3</u>			
				Received by: (Signature)			Time				Temj		4						
ample Matrix: S - Soil, Sd - Solid,	Se - Stude	A . Aqueo	us O - Other		Container	-								-	-		-	-	

Envirotech Analytical Laboratory

Printed: 10/14/2021 11:47:30AM

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Sam ple Receipt Checklist (SRC)

Instructions: Please take note of any NO checkm arks. If we receive no response concerning these item swithin 24 h 0.0

Client: Enduring Resources, LLC Date Received	: 10/14	21 11:42	Wark Order ID:	E110065	
Phone: (303) 573-1222 Date Logged In	n: 10/14	21 11:44	Logged In By:	Alexa Michaels	
Em al: csnell@EnduringResources.com Due Date:	10/15	21 17:00 (1 day TAT)	Doggod in Dy.	Alexa IVI Chaels	
Chain of Custody (CO Q					
1. Does the sam ple ID m atch the COC?	Ye				
2. Does the num ber of sam des per sam ding site location m ach the COC	Ye				
3. Were sam ples dropped off by client or carrier?	Yes				
4. Was the COC com plete, i.e., signatures, dates/tim es, requested analyses?	Yes	Outrol. Juit 141 015			
 Were all sam fles received within holding tim e Note: Analysis, such as pH which should be conducted in the field. 	Yes				
i.e, 15 m nute hold tim ç are not included in this disucssion. Sam ple Turn Around Tim e(TAT)			Com m et	s/Resolution	
6. Did the COC indicate standard TAT, or Expedited TAT?					
Sam de Cooler	Yes				
7. Was a sam ple cooler received?					
8. If yes, was cooler received in good condition?	Yes				
9. Was the sam ple(s) received intact, i.e., not broken?	Yes			101	
10. Were custody/security seals present?	Yes				
11. If yes, were custody/security seals intact?	No				
 Was the sample received on ice? If yes, the recorded tem pis 4°C, i.e., 6°±2°C 	NA				
Note: Therm a preservation is not required, if sam ples are received w/i 15 m hutes of sam pling 3. If no visible ice, record the tem perature. Actual sam ple tem perature:	Yes				
Sam de Container	<u>°C</u>				
4. Are aqueous VOC sam des present?					
5. Are VOC samples collected in VOA Vials?	No				
6. Is the head space less than 6-8 m m(pea sized or less)?	NA				
7. Was a trip blank (TB) included for VOC analyses?	NA				
8. Are non-VOC sam ples collected in the correct containers?	NA				
9. Is the appropriate volum dweight or num ber of sam ple containers collected?	Yes				
ield Label	Yes				
0. Were field sam pe labels filled out with the m him un inform gion:					
Sam ple ID?	Yes				
Date/Time Collected?	Yes				
Collectors nam &	Yes				
am per Preservation					
 Does the COC or field labels indicate the sam ples were preserved? Are sam ple(s) correctly preserved? 	No				
4. Is lab filteration required and/or requested for dissolved m dals?	NA				
Iultiphase Sample Matrix	No				
6. Does the sample <u>Matrix</u> 6. Does the sample have m ore than one phase, i.e., m utiphase?					
7. If yes, does the COC specify which phase(s) is to be analyzed?	No				
	NA				
abcontract Laboratory					
B. Are sam ples required to get sent to a subcontract laboratory?	No				
9. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA			
lient Instruction					

Signature of client authorizing changes to the COC or sam ple disposition.



envirotech Inc.



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Enduring Resources, LLC

Project Name:

Jicarilla #103H

 Work Order:
 E110091

 Job Number:
 17065-0017

Received: 10/18/2021

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 10/20/21

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

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Date Reported: 10/20/21

Chad Snell 6300 S Syracuse Way Suite 525 Centennial, CO 80111

Project Name: Jicarilla #103H Workorder: E110091 Date Received: 10/18/2021 2:37:00PM

Chad Snell,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/18/2021 2:37:00PM, under the Project Name: Jicarilla #103H.

The analytical test results summarized in this report with the Project Name: Jicarilla #103H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe Technical Representative/Client Services Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

West Texas Midland/Odessa Area Tom Brown Technical Representative Cell: 832-444-7704 tbrown@envirotech-inc.com





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		Sample Sum	mary		
Enduring Resources, LLC		Project Name:	Jicarilla #103H		Reported:
6300 S Syracuse Way Suite 525		Project Number:	17065-0017		
Centennial CO, 80111		Project Manager:	Chad Snell		10/20/21 16:14
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S7	E110091-01A	Soil	10/18/21	10/18/21	Glass Jar, 4 oz.
S7 24	E110091-02A	Soil	10/18/21	10/18/21	Glass Jar, 4 oz.
S7 48	E110091-03A	Soil	10/18/21	10/18/21	Glass Jar, 4 oz.
S8 48	E110091-04A	Solid	10/18/21	10/18/21	Glass Jar, 4 oz.
S8 24	E110091-05A	Soil	10/18/21	10/18/21	Glass Jar, 4 oz.
S8	E110091-06A	Soil	10/18/21	10/18/21	Glass Jar, 4 oz.



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Enduring Resources, LLC	Project Name:					
6300 S Syracuse Way Suite 525	Project Numbe	er: 1706	6 5-0 017			Reported:
Centennial CO, 80111	Project Manag	er: Chao	d Snell			10/20/2021 4:14:06PM
		S 7				
		E110091-01				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Ar	alyst: IY		Batch: 2143022
Benzene	ND	0.0250	1	10/19/21	10/19/21	
Ethylbenzene	ND	0.0250	1	10/19/21	10/19/21	
Toluene	ND	0.0250	1	10/19/21	10/19/21	
p-Xylene	ND	0.0250	1	10/19/21	10/19/21	
p,m-Xylene	ND	0.0500	1	10/19/21	10/19/21	
Total Xylenes	ND	0.0250	1	10/19/21	10/19/21	
Surrogate: Bromofluorobenzene		98.4 %	70-130	10/19/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130	10/19/21	10/19/21	
Surrogate: Toluene-d8		101 %	70-130	10/19/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	alyst: IY		Batch: 2143022
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/21	10/19/21	
Surrogate: Bromofluorobenzene		98.4 %	70-130	10/19/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130	10/19/21	10/19/21	
Surrogate: Toluene-d8		101 %	70-130	10/19/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	alyst: JL		Batch: 2143024
Diesel Range Organics (C10-C28)	ND	25.0	I	10/19/21	10/19/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/21	10/19/21	
Surrogate: n-Nonane		104 %	50-200	10/19/21	10/19/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	alyst: RAS		Batch: 2143021
Chloride	76.5	20.0	1	10/19/21	10/19/21	

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	0	ample D	ala				
Enduring Resources, LLC	Project Name						
6300 S Syracuse Way Suite 525	Project Numb	er: 1700	65-0017			Repo	orted:
Centennial CO, 80111	entennial CO, 80111 Project Manager: Chad Snell						
		S7 24					
		E110091-02					
		Reporting					
Analyte	Result	Limit	Dilu	tion Prep	ared Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY		Batch: 214	13022
Benzene	ND	0.0250	1	10/1	9/21 10/19/21		
Ethylbenzene	ND	0.0250	1	10/1	9/21 10/19/21		
Toluene	ND	0.0250	1	10/1	9/21 10/19/21		
p-Xylene	ND	0.0250	1	10/1	9/21 10/19/21		
o,m-Xylene	ND	0,0500	1	10/1	9/21 10/19/21		
Total Xylenes	ND	0.0250	1	10/1	9/21 10/19/21		
Surrogate: Bromofluorobenzene		101 %	70-130	10/1	9/21 10/19/21		
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	10/1	9/21 10/19/21		
Surrogate: Toluene-d8		101 %	70-130	10/1	9/21 10/19/21		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 214	13022
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/1	9/21 10/19/21		
Surrogate: Bromofluorobenzene		101 %	70-130	10/1	9/21 10/19/21		
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	10/1	9/21 10/19/21		
Surrogate: Toluene-d8		101 %	70-130	10/1	9/21 10/19/21		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 214	13024
Diesel Range Organics (C10-C28)	ND	25.0	1	10/1	9/21 10/19/21		
Dil Range Organics (C28-C36)	ND	50.0	1	10/1	9/21 10/19/21		
Surrogale: n-Nonane		99.5 %	50-200	10/1	9/21 10/19/21		
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 214	3021
Chloride	27.4	20.0	1	10/1	9/21 10/19/21		

		Pro -				
Enduring Resources, LLC	Project Name:	Jicar	illa #103H			
6300 S Syracuse Way Suite 525	Project Numbe	er: 1706	55-0017			Reported:
Centennial CO, 80111	Project Manag	ger: Chao	i Snell			10/20/2021 4:14:06PM
		S7 48				
		E110091-03				
		Reporting				
Analyte	Result	Limit	Dilu	tion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY		Batch: 2143022
Benzene	ND	0.0250	1	10/19/21	10/19/21	
Ethylbenzene	ND	0.0250	1	10/19/21	10/19/21	
Toluene	ND	0.0250	1	10/19/21	10/19/21	
-Xylene	ND	0.0250	1	10/19/21	10/19/21	
o,m-Xylene	ND	0.0500	1	10/19/21	10/19/21	
fotal Xylenes	ND	0.0250	1	10/19/21	10/19/21	
Surrogate: Bromofluorobenzene		102 %	70-130	10/19/21	10/19/21	
urrogate: 1,2-Dichloroethane-d4		105 %	70-130	10/19/21	10/19/21	
urrogate: Toluene-d8		103 %	70-130	10/19/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2143022
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/21	10/19/21	
urrogate: Bromofluorobenzene		102 %	70-130	10/19/21	10/19/21	
urrogate: 1,2-Dichloroethane-d4		105 %	70-130	10/19/21	10/19/21	
urrogate: Toluene-d8		103 %	70-130	10/19/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2143024
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/21	10/19/21	
Dil Range Organics (C28-C36)	ND	50.0	1	10/19/21	10/19/21	
urrogate: n-Nonane		108 %	50-200	10/19/21	10/19/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2143021
Chloride	51.5	20.0	1	10/19/21	10/19/21	



		imple D				
Enduring Resources, LLC	Project Name:					
6300 S Syracuse Way Suite 525	Project Numbe	er: 1706	55-0017			Reported:
Centennial CO, 80111	Project Manag	er: Cha	d Snell			10/20/2021 4:14:06PM
		S8 48				
		E110091-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2143022
Benzene	ND	0.250	10	10/19/21	10/19/21	
Ethylbenzene	ND	0.250	10	10/19/21	10/19/21	
Toluene	ND	0.250	10	10/19/21	10/19/21	
o-Xylene	ND	0.250	10	10/19/21	10/19/21	
p,m-Xylene	ND	0.500	10	10/19/21	10/19/21	
Total Xylenes	ND	0.250	10	10/19/21	10/19/21	
Surrogate: Bromofluorobenzene		98.3 %	70-130	10/19/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130	10/19/21	10/19/21	
Surrogate: Toluene-d8		102 %	70-130	10/19/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: IY		Batch: 2143022
Gasoline Range Organics (C6-C10)	ND	200	10	10/19/21	10/19/21	
Surrogate: Bromofluorobenzene		98.3 %	70-130	10/19/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130	10/19/21	10/19/21	
Surrogate: Toluene-d8		102 %	70-130	10/19/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2143024
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/21	10/19/21	
Dil Range Organics (C28-C36)	ND	50.0	1	10/19/21	10/19/21	
Surrogale: n-Nonane		110 %	50-200	10/19/21	10/19/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2143021
Chloride	ND	20.0	1	10/19/21	10/19/21	



		imple D							
Enduring Resources, LLC	Enduring Resources, LLC Project Name: Jicarilla #103H								
6300 S Syracuse Way Suite 525	Project Numbe	r: 1706	5-0017			Reported:			
Centennial CO, 80111	Project Manage	er: Cha	d Snell			10/20/2021 4:14:06PM			
		S8 24							
]	E110091-05							
		Reporting							
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes			
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: IY		Batch: 2143022			
Benzene	ND	0.0250	1	10/19/21	10/19/21				
Sthylbenzene	ND	0.0250	1	10/19/21	10/19/21				
Toluene	ND	0.0250	1	10/19/21	10/19/21				
-Xylene	ND	0.0250	1	10/19/21	10/19/21				
,m-Xylene	ND	0.0500	1	10/19/21	10/19/21				
Total Xylenes	ND	0.0250	1	10/19/21	10/19/21				
Surrogate: Bromofluorobenzene		101 %	70-130	10/19/21	10/19/21				
urrogate: 1,2-Dichloroethane-d4		98.7 %	70-130	10/19/21	10/19/21				
urrogate: Toluene-d8		100 %	70-130	10/19/21	10/19/21				
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: IY		Batch: 2143022			
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/21	10/19/21				
Surrogate: Bromofluorobenzene		101 %	70-130	10/19/21	10/19/21				
urrogate: 1,2-Dichloroethane-d4		98.7 %	70-130	10/19/21	10/19/21				
urrogate: Toluene-d8		100 %	70-130	10/19/21	10/19/21				
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: JL		Batch: 2143024			
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/21	10/19/21				
Dil Range Organics (C28-C36)	ND	50.0	1	10/19/21	10/19/21				
urrogate: n-Nonane		110 %	50-200	10/19/21	10/19/21				
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: RAS		Batch: 2143021			
Chloride	ND	20.0	1	10/19/21	10/19/21				



	~	ampie D				
Enduring Resources, LLC	Project Name					
6300 S Syracuse Way Suite 525	Project Numb	ber: 1700	65-0017			Reported:
Centennial CO, 80111	Project Mana	ger: Cha	d Snell			10/20/2021 4:14:06PM
		S8				
		E110091-06				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Ап	alyst: IY		Batch: 2143022
Benzene	ND	0.0250	1	10/19/21	10/19/21	
Ethylbenzene	ND	0.0250	1	10/19/21	10/19/21	
Toluene	ND	0.0250	1	10/19/21	10/19/21	
o-Xylene	ND	0.0250	1	10/19/21	10/19/21	
p,m-Xylene	ND	0.0500	1	10/19/21	10/19/21	
Total Xylenes	ND	0.0250	1	10/19/21	10/19/21	
Surrogate: Bromofluorobenzene		99.3 %	70-130	10/19/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	10/19/21	10/19/21	
Surrogate: Toluene-d8		103 %	70-130	10/19/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY	Batch: 2143022	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/21	10/19/21	
Surrogate: Bromofluorobenzene		99.3 %	70-130	10/19/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	10/19/21	10/19/21	
Surrogate: Toluene-d8		103 %	70-130	10/19/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2143024
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/21	10/19/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/21	10/19/21	
Surrogale: n-Nonane		114 %	50-200	10/19/21	10/19/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2143021
Chloride	ND	20.0	20.0 1 10/19/21		10/19/21	
loride	ND	20.0	1	10/19/21	10/19/21	

		QC D		ary Data					
Enduring Resources, LLC 6300 S Syracuse Way Suite 525		Project Name: Project Number:		icarilla #103H 7065-0017					Reported:
Centennial CO, 80111		Project Manager:		had Snell					10/20/2021 4:14:06PM
		Volatile Organic	Compo	unds by EP	A 8260E	5			Analyst: IY
Analyte		Reporting	Spike	Source		Rec		RPD	
rulaty w	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2143022-BLK1)							Prepared: 1	0/19/21 A	nalyzed: 10/19/21
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.491		0.500		98.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.520		0.500		104	70-130			
Surrogate: Toluene-d8	0.508		0.500		102	70-130			
LCS (2143022-BS1)							Prepared: 1	0/19/21 A	nalyzed: 10/19/21
Benzene	2.80	0.0250	2.50		112	70-130			
Ethylbenzene	2.80	0.0250	2.50		112	70-130			
Foluene	2.90	0.0250	2.50		116	70-130			
o-Xylene	2.73	0.0250	2.50		109	70-130			
o,m-Xylene	5.84	0.0500	5.00		117	70-130			
Fotal Xylenes	8.57	0.0250	7.50		114	70-130			
Surrogate: Bromofluorobenzene	0.499		0.500		99 .7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.533		0.500		107	70-130			
Surrogate: Toluene-d8	0.498		0.500		99.6	70-130			
LCS Dup (2143022-BSD1)							Prepared: 1	0/19/21 A	nalyzed: 10/19/21
Benzene	2.77	0.0250	2.50		111	70-130	0.934	23	
Ethylbenzene	2.79	0.0250	2.50		112	70-130	0.376	27	
Toluene	2.86	0.0250	2.50		114	70-130	1.51	24	
-Xylene	2.76	0.0250	2.50		110	70-130	0.983	27	
o,m-Xylene	5.85	0.0500	5.00		117	70-130	0.163	27	
Fotal Xylenes	8.60	0.0250	7.50		115	70-130	0.425	27	
Surrogate: Bromofluorobenzene	0.507		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.516		0.500		103	70-130			
Sutrogate: Toluene-d8	0.492		0.500		98.3	70-130			



		¥ • • •							
Enduring Resources, LLC 6300 S Syracuse Way Suite 525		Project Name: Project Number:		icarilla #103H 7065-0017					Reported:
Centennial CO, 80111		Project Manager:	С	had Snell					10/20/2021 4:14:06PM
	No	nhalogenated O	rganics	by EPA 801	5 D - G	RO			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2143022-BLK1)							Prepared:	10/19/21	Analyzed: 10/19/21
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.491		0.500		98.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.520		0.500		104	70-130			
Surrogate: Toluene-d8	0.508		0.500		102	70-130			
LCS (2143022-BS2)							Prepared:	10/19/21	Analyzed: 10/19/21
Gasoline Range Organics (C6-C10)	49.5	20.0	50.0		99.1	70-130			
Surrogate: Bromofluorobenzene	0.486		0.500		97.2	70-130			
Surrogate: 1, 2-Dichloroethane-d4	0.509		0.500		102	70-130			
Surrogate: Toluene-d8	0.482		0,500		96.3	70-130			
LCS Dup (2143022-BSD2)							Prepared:	10/19/21	Analyzed: 10/19/21
Gasoline Range Organics (C6-C10)	49.7	20.0	50.0		99.3	70-130	0.232	20	
Surrogate: Bromofluorobenzene	0.497		0.500		99.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.514		0.500		103	70-130			
Surrogate: Toluene-d8	0.491		0.500		98.2	70-130			

		Q0 D	CLILLIAL 6	ity Data					
Enduring Resources, LLC 6300 S Syracuse Way Suite 525		Project Name: Project Number:		carilla #103H 7065-0017					Reported:
Centennial CO, 80111		Project Manager:	С	had Snell					10/20/2021 4:14:06PM
	Nonh	alogenated Org	anics by	EPA 8015D	- DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPE Limi	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2143024-BLK1)							Prenared: 1	0/19/21	Analyzed: 10/20/21
Diesel Range Organics (C10-C28)	ND	25.0					parter r	0/17/21	7 Shury200. 10/20/21
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	58.6		50.0		117	50-200			
LCS (2143024-BS1)							Prepared: 10	0/19/21	Analyzed: 10/20/21
Diesel Range Organics (C10-C28)	491	25.0	500		98.3	38-132			1111/2012 10/20/21
Surrogate: n-Nonane	57.5		50.0		115	50-200			
LCS Dup (2143024-BSD1)							Prepared: 10	0/19/21	Analyzed: 10/20/21
Diesel Range Organics (C10-C28)	483	25.0	500		96.5	38-132	1.81	20	
Surrogate: n-Nonane	56.2		50.0		112	50-200		***	



QC Summary Data

Enduring Resources, LLC 6300 S Syracuse Way Suite 525 Centennial CO, 80111		Project Name: Project Number Project Manager	: 17	carilla #103H 7065-0017 had Snell					Reported: 10/20/2021 4:14:06PM
				00.0/9056A					Analyst: RAS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2143021-BLK1)							Prenared: 10	3/10/21 A	nalyzed: 10/19/21
Chloride	ND	20.0					reputed. It		Maryzed. 10/19/21
LCS (2143021-BS1)						F	Prepared: 1()/19/21 A	nalyzed: 10/19/21
Thloride	245	20.0	250		98.0	90-110			10/17/21
.CS Dup (2143021-BSD1)						F	repared: 10)/19/21 A	nalyzed: 10/19/21
Thloride	243	20.0	250		97.2	90-110	0.861	20	

QC Summary Report Comment:

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



Definitions and Notes

Enduring Resources, LLC	Project Name:	Jicarilla #103H	
6300 S Syracuse Way Suite 525	Project Number:	17065-0017	Reported:
Centennial CO, 80111	Project Manager:	Chad Snell	10/20/21 16:14

ND	Analyte NOT DETECTED at or above the reporting limit
----	--

- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- Note (1): Methods marked with ** are non-accredited methods.

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



H				
Rele	Client:	Enduring Re	sources	-
as		Jicaril	la 1	0
ed	Project M	Manager: C	had Snel	
to	Address:	200 End	ergy cour	t
Ima	City, Stat	te, Zip Farm	ington, N	N
lgi		(505) 444-0		
ng		snell@endur	ingresou	r
. 1/	Report d	ue by:		_
7/202	Time Sampled	Date Sampled	Matrix	
12 9:3	10:50	10/18/21	S	
Released to Imaging: 1/7/2022 9:30:17 AM	10:55	10/18/21	S	
AM	11:00	10/18/21	5	
	11.05	10/18/21	5	
	11:10	10/18/21	5	

	Enduring Re	sources				Bill To		104	1	Ŀ	ab U	se Oi	nlv.	12.10	T		T/	AT	EDA D	Rece
	Jicaril		03 H			Attention: Enduring		Lab	WO			-	Num	ber	1	20		Standard	CWA	Program
	Manager: C				199	Address:		E	10	00	11	F	Cld	5001					- OTTA	5010
	200 Ende				1	City, State, Zip						Analy	/sis ar	nd Meth	bon			19179-013		RCR
	(505) 444-0		WI, 4701		1.00	Phone:		-										P SVI 152		1-2
	snell@endur		rces com			Email:		8015	015										State	
Report d		Ingresou	1003100111		6			pA p	à	5	8	9	0.00					NM CO	UT AZ	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab	DRO/ORO by	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Merals 6010	Chloride 300.0						Remarks	19/2021 S
	11	0			-		Number	1 B	5		3	ž	5		-				Remarks	· 21
10:50	10/18/21	S		<u>S7</u>			1	X	X	X			X							1:28
10:55	10/18/21	S	1	57	24		2	X	×	×			X							1:28:11 P
11:00	10/18/21	5	1	57	48		3	X	X	×			X							X
11.05	10/18/21	5	1	58	48		4	X	×	X			X							
11:10	10/18/21	S	1	58	24		5	X	X	X			X			T				
11:15	10/18/2/	5	1	58			6	X	X	X			x			T				
							1000								T	1				
														-	+	+	$\left \right $		_	16 of
													-		+	+	+			Page
		_											-	_	+	+				
Addition	al Instruction	ns:					要言為													
l, (field samp	ler), attest to the	validity and	authenticity	of this sample	. I am awa	re that tampering with or intentionally misla	belling the sample	locatio	n.		_	Sample	s requiri	ng thermal	preser	vation m	ust he rea	ceived on ice the day	there are a second	aled as
date or time	of collection is co	onsidered fra					marco				_	receive	d packer	d in ice at a	n avg ti	emp abo	ve O but h	ess than 6 oC on subs	equent days.	pied of
120	ed by: (Signatur	0	Date		me 14:37	Received by: (Signature)	A Date	21	Time	:3	F	Rece	ived	on ice:		ab U	se Onl	Ŷ		
Relinquishe	d by: (Signatur	e)	Date	וד	me	Received by: (Signature)	Date		Time		-	T1		0111001		- • •				
Relinquishe	d by: (Signature	e)	Date	711	me	Received by: (Signature)	Date		Time			AVG	Tom	(12			<u></u> <u>T3</u>	No.	
Sample Matr	ix: S - Soil, Sd - So	lid, Sg - Slud	se, A - Aque	ous, O - Other			Container	Type	: 0 - 0	ass		alu/al	a a t l a		hore	lare :	VOA	and a start	1000	
	las ana diagonale	d 20 days	ftor rocult		1	ther arrangements are made. Hazardo	1		.0 0	,	P P	~•#/ P/I	and they	~B ~ aill	NCIB	1035, V	- VUA			/

Envirotech Analytical Laboratory

Printed: 10/20/2021 12:58:35PM

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nstruction:	s: Please take note of any NO checkm arks.				klist (SRC			integ. 10/20/2021 12:36:35
	e no response concerning these item swithin 24 hours of the	date of this not	ice, all	the sam ple	s will be an	alyzed as req	uested.	
Client:		ate Received:	10/18	/21 14:37			Work Order ID:	E110091
Phone: Em al:	(303) 573-1222	ate Logged In:	10/19	/21 13:00			Logged In By:	Alexa Michaels
Lin al.	csnell@EnduringResources.com D	ue Date:	10/26	/21 17:00 (2 day TAT)			- PAAPE TAT BETICATO
	f Custody (CO Q							
1. Does t	he sam de ID m ach the COC?		Ye	s				
2. Does t	he num her of sam ples per sam pling site location m ach	the COC	Ye					
3. Were s	am ples dropped off by client or carrier?		Ye		Comion I			
4. Was th	e COC com flete, i.e., signatures, dates/tim es, requested	analyses?	Yes		Carrier: J	<u>im Mars</u>		
5. Were a	Ill sam ples received within holding tim θ		Yes					
	Note: Analysis, such as pH which should be conducted in the	field,						
Sam de T	i.e, 15 m nute hold tim ç are not included in this disucssion. [urn Around Tim e(TAT)						Com m et	s/Resolution
6 Did the	COC indicate standard TAT, or Expedited TAT?							
			Yes	5				
Sam de C	sam fle cooler received?							
	was cooler received? was cooler received in good condition?		Yes					
			Yes					
	e sam ple(s) received intact, i.e., not broken?		Yes					
	custody/security seals present?		No					
	were custody/security seals intact?		NA					
12. Was the	e sample received on ice? If yes, the recorded tem pis 4°C, i.e., Note: Therm & preservation is not required, if sam ples are record m hutes of sam pling	6°±2°C eived w/i 15	Yes					
3. If no v	isible ice, record the tem perature. Actual sam ple tem							
Sam ple Co		perature: <u>4-C</u>						
	ueous VOC sam ples present?							
5. Are V(DC samples collected in VOA Vials?		No					
6. Is the h	head space less than 6-8 m m(pea sized or less)?		NA					
7. Wasat	trip blank (TB) included for VOC analyses?		NA					
8. Are not	n-VOC sam ples collected in the correct containers?		NA					
9. Is the ar	propriate volum dweight or num ber of sam ple containers c	11 10	Yes					
ield Labe	i i i i i i i i i i i i i i i i i i i	offected?	Yes					
	eld sam ple labels filled out with the minim un inform at							
San	n fle ID?	ion:	37					
Dat	te/Time Collected?		Yes					
	llectors nam e		Yes Yes		1100			
	eservation		163					
. Does the	e COC or field labels indicate the sam ples were preserv	ed?	No					
2. Are sam	n ple(s) correctly preserved?		NA					
	lteration required and/or requested for dissolved m dals	?	No					
ultiphase	Sample Matrix							
	e sample have m cre than one phase, i.e., m dtiphase?		NI					
. If yes, d	oes the COC specify which phase(s) is to be analyzed?		No					
	t Laboratory		NA					
Was a su	ples required to get sent to a subcontract laboratory? abcontract laboratory specified by the client and if so whether the second second second second second second s	-	No					
		10?	NA	Subconti	ract Lab: N	A		
lient Inst	ruction							







envirotech Inc.



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Enduring Resources, LLC

Project Name:

Jicarilla #103H

Work Order:	E110117
Job Number:	17065-0017
Received:	10/22/2021

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 10/26/21

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Page 1 of 12

Date Reported: 10/26/21

Chad Snell 6300 S Syracuse Way Suite 525 Centennial, CO 80111

Project Name: Jicarilla #103H Workorder: E110117 Date Received: 10/22/2021 2:15:00PM

Chad Snell,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/22/2021 2:15:00PM, under the Project Name: Jicarilla #103H.

The analytical test results summarized in this report with the Project Name: Jicarilla #103H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe Technical Representative/Client Services Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com

Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

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		Sample Sum	mary		Î
Enduring Resources, LLC		Project Name: Jicarilla #103H Project Number: 17065-0017			Departed
6300 S Syracuse Way Suite 525				Reported:	
Centennial CO, 80111		Project Manager:	Chad Snell		10/26/21 14:01
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
East Wall	E110117-01A	Soil	10/22/21	10/22/21	Glass Jar, 4 oz.

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Released to Imaging: 1/7/2022 9:30:17 AM

		-					
Enduring Resources, LLC	Project Name	:: Jica	rilla #103H				
6300 S Syracuse Way Suite 525	Project Numb	ber: 170	65-0017				Reported:
Centennial CO, 80111	Project Mana	ger: Cha	Chad Snell				10/26/2021 2:01:14PM
		East Wall					
		E110117-01					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY			Batch: 2144001
Benzene	ND	0.0250	1	l	10/25/21	10/25/21	
Ethylbenzene	ND	0.0250	1	l	10/25/21	10/25/21	
Toluene	ND	0.0250	1	l	10/25/21	10/25/21	
o-Xylene	ND	0.0250	1	l	10/25/21	10/25/21	
p,m-Xylene	ND	0.0500	1	l	10/25/21	10/25/21	
Total Xylenes	ND	0.0250	1	l	10/25/21	10/25/21	
Surrogate: Bromofluorobenzene		87.2 %	70-130		10/25/21	10/25/21	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		10/25/21	10/25/21	
Surrogate: Toluene-d8		96.5 %	70-130		10/25/21	10/25/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2144001
Gasoline Range Organics (C6-C10)	ND	20.0	1		10/25/21	10/25/21	
Surrogate: Bromofluorobenzene		87.2 %	70-130		10/25/21	10/25/21	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		10/25/21	10/25/21	
Surrogate: Toluene-d8		96.5 %	70-130		10/25/21	10/25/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL			Batch: 2144002
Diesel Range Organics (C10-C28)	ND	25.0	1		10/25/21	10/25/21	
Dil Range Organics (C28-C36)	ND	50.0	1		10/25/21	10/25/21	
Surrogate: n-Nonane		97.9 %	50-200		10/25/21	10/25/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY			Batch: 2144005
Chloride	ND	20.0	1		10/25/21	10/26/21	

Enduring Resources, LLC G300 S Synatuse Way Suite 525 Centernial CO, 80111 Project Number: Project Number: T17065-0017 Jicarilla #103H T17065-0017 Reported: 10/25/2021 2:01:14PN Analyst: Centernial CO, 80111 Reporting marks Spike Chad Srell Science Result Result No Noles Noles Analyst: Markyte Result Reporting marks Spike marks Spike Science Science Result Res Linitis RPD RPD Linit Noles Blank (144001-BLK1) ND 0.0259 Notes Prepared: 10/25/21 Analyst: IV Barks ND 0.0259 Notes Prepared: 10/25/21 Analyzed: 10/25/21 Science ND 0.0259 Science Prepared: 10/25/21 Analyzed: 10/25/21 Science ND 0.0259 Science Prepared: 10/25/21 Analyzed: 10/25/21 Science ND 0.0259 Science ND Science ND Science ND 0.0259 Science ND Science ND Science ND 0.0259 Science ND			-		•					
6300 S Synacuse Way Suite 525 Centernial CO, 80111 Project Number: Project Manager: 17065-0017 Char Snell 110262201 2.0114PA Locad Snell Internet Source	Enduring Resources, LLC		Project Name:	Jio	arilla #103H					Reported.
Centemial CO, 8011 Project Manager: Chad Snell 10/26/201 2:0:1:407 Analyte $Voltlle Organic Computed by EPA 8260b Source Result Reporting Spike Source Result Reporting Spike Source Result Reporting Spike Source Result Reporting No N$	6300 S Syracuse Way Suite 525		Project Number:	17	065-0017					Achoren
Analyte Result mg/kg Spike Limit mg/kg Source Result mg/kg Rec Result mg/kg Rec % Rec % Rec % Rec % Rep % RPD % Limit % Blank (2144001-BLK1) D 0.0250 Prepared: 10/25/21 Analyzed: 10/25/21 Brazese ND 0.0250 Prepared: 10/25/21 Analyzed: 10/25/21 Surget: 1/2-Dickhorsethane-d4 0.500 88.6 70-130 Prepared: 10/25/21 Surget: 1/2-Dickhorsethane-d4 0.448 0.500 92.9 74-130 Prepared: 10/25/21 Surget: 1/2-Dickhorsethane-d4 0.448 0.500 92.9 74-130 Prepared: 10/25/21 Analyzed: 10/26/21 ECS (2144001-BS1) Prepared: 10/25/21 Analyzed: 10/26/21 Prepared: 10/25/21 Analyzed: 10/26/21 Brazete 2.71 0.0250 2.50			-	Cl	nad Snell					10/26/2021 2:01:14P
Analyye Limit Level Result Result </td <td></td> <td></td> <td>Volatile Organic</td> <td>Compo</td> <td>unds by EP</td> <td>A 82601</td> <td>3</td> <td></td> <td></td> <td>Analyst: IY</td>			Volatile Organic	Compo	unds by EP	A 82601	3			Analyst: IY
Analysis Limit Limit Level Result Result<			Penarting	Snike	Source		Rec		PDT)
mg/kg mg/kg <th< td=""><td>Analyte</td><td>Result</td><td></td><td></td><td></td><td>Rec</td><td></td><td>RPD</td><td></td><td></td></th<>	Analyte	Result				Rec		RPD		
Benzene ND 0.0259 Bhylbenzene ND 0.0250 s-Xylene ND 0.0250 s-Xylene ND 0.0250 Surrogate: Bransfluorobenzene 0.443 0.500 88.6 70-130 Surrogate: Bransfluorobenzene 0.443 0.500 99.9 70-130 Surrogate: Diluene48 0.486 0.500 97.2 70-130 LCS (2144001-BS1) Benzene 2.70 0.0250 2.50 108 70-130 Ehylbenzene 2.74 0.0250 2.50 108 70-130 Ehylbenzene 2.81 0.0250 2.50 112 70-130 Surrogate: J.2-Dichloroethane-d4 0.500 9.500 107 70-130 Foll Xylenes 3.57 0.0250 2.50 112 70-130 Surrogate: J.2-Dichloroethane-d4 0.500 9.7.2 70-130 Ehylbenzene 2.81 0.0250 2.50 112 70-130 Foll Xylenes 7.57 0.0250 7.50 106 70-130 Surrogate: J.2-Dichloroethane-d4 0.500 9.7.3 106 70-130 Surrogate: J.2-Dichloroethane-d4 0.500 0.500 107 70-130 Surrogate: J.2-Dichloroethane-d4 0.500 0.500 102 70-130 CLS Dup (2144001-BSD1) ELS					mg/kg					
Big binance ND 0.0250 Volue ND 0.0250 ym-Xylene ND 0.0250 ym-Xylene ND 0.0250 load Xylenes ND 0.0250 hurrogate: Brongfluorobenzere 0.443 0.590 88.6 70-130 hurrogate: Dichlonochlane-d4 0.500 87.6 70-130 Prepred: ND Barazze 2.70 0.0250 2.50 108 70-130 Prepred: 10/25/21 Analyzed: 10/26/21 Barazze 2.70 0.0250 2.50 108 70-130 Prepred: 10/25/21 Analyzed: 10/26/21 Barazze 2.70 0.0250 2.50 108 70-130 Prepred: 10/25/21 Analyzed: 10/26/21 Barazze 2.74 0.0250 2.50 110 70-130 Prepred: 10/25/21 Analyzed: 10/26/21 Barazze 2.74 0.0250 2.50 110 70-130 Prepred: 10/25/21 Analyzed: 10/26/21 Barazze 2.60 0.500 5.00	Blank (2144001-BLK1)							Prepared:	10/25/21	Analyzed: 10/25/21
Tolume ND 0.0250 >Xylene ND 0.0250 Dum Xylenes ND 0.0250 Tolui Xylenes ND 0.0250 Surrogate: I.2016/horenthane.44 0.443 0.500 Surrogate: I.2016/horenthane.44 0.466 0.500 8.6 70-130 Surrogate: I.2016/horenthane.44 0.466 0.500 97.2 70-130 ELCS (144001-BS1) Prepared: 10/25/21 Analyzed: 10/26/21 Analyzed: 10/26/21 Benzane 2.70 0.0250 2.50 108 70-130 Strongate: I.2016/horenthane.44 0.0250 2.50 104 70-130 Strongate: I.2016 2.74 0.0250 2.50 104 70-130 Strongate: I.2016 2.60 0.0250 2.50 104 70-130 Strongate: I.2016/horenthane.44 0.500 5.00 107 70-130 Strongate: I.2016/horenthane.44 0.500 5.00 107 70-130 Strongate: I.2016/horenthane.44 0.500 5.00 99.5 <td>Benzene</td> <td>ND</td> <td>0.0250</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Benzene	ND	0.0250							
Nylac ND 0.0250 nar.Xylac ND 0.0500 Start Sylace ND 0.0500 Start Sylace 0.443 0.500 59.9 Start Sylace 0.443 0.500 99.9 70-130 Startogate: 1,2-Dickhoroschane-d4 0.500 97.2 70-130 Startogate: 0.466 0.500 97.2 70-130 Startogate: 70 0.0250 2.50 108 70-130 Startogate: 2.74 0.0250 2.50 110 70-130 Startogate: 2.74 0.0250 2.50 110 70-130 Startogate: 2.81 0.0250 2.50 110 70-130 Startogate: 2.60 0.0250 2.50 104 70-130 Startogate: 2.60 0.0250 7.50 106 70-130 Startogate: 1.20.0500 5.00 107 70-130 102 Startogate: 1.20.0500 7.50	Ethylbenzene	ND	0.0250							
ND 0.0500 0.0250 Surrogat: 0.500 88.6 70-130 Surrogat: 0.500 99.9 70-130 Surrogat: 0.486 0.500 97.2 70-130 Surrogat: 0.486 0.500 97.2 70-130 LCS (2144001-BS1) Prepared: 10/25/21 Analyzed: 10/26/21 Benzens 2.70 0.0250 2.50 108 70-130 Surrogat: 2.74 0.0250 2.50 110 70-130 Surrogat: 2.74 0.0250 2.50 104 70-130 Surrogat: 7.73 0.6500 5.00 104 70-130 Surrogat: 7.73 0.6500 5.00 106 70-130 Surrogat: 7.73 0.6500 5.00 106 70-130 Surrogat: 7.97 0.6250 7.50 106 70-130 Surrogat: 7.97 0.6250 7.50 106 70-130 Surrogat:	Toluene	ND	0.0250							
ND 0.0250 Surrogate: Bromofluorobenzene 0.443 0.500 88.6 70-130 Surrogate: J_2-Dickloroethane-d4 0.500 99.9 70-130 Surrogate: J_2-Dickloroethane-d8 0.486 0.500 97.2 70-130 ECS (2144001-BS1) Prepared: 10/25/21 Analyzed: 10/26/21 Analyzed: 10/26/21 Benzene 2.70 0.0250 2.50 108 70-130 Followee 2.81 0.0250 2.50 102 70-130 Svergate: J2-Dickloroethane-d8 0.0250 2.50 104 70-130 Svergate: Stromofluorobenzene 2.71 0.0250 2.50 104 70-130 Svergate: J2-Dickloroethane-d8 0.0250 2.50 104 70-130	o-Xylene	ND	0.0250							
Nature 0.443 0.500 88.6 70-130 Surrogate: 1,2-Dickloroethane-d4 0.500 0.500 99.9 70-130 Surrogate: 1,2-Dickloroethane-d4 0.486 0.500 97.2 70-130 Surrogate: 10/une-d8 0.486 0.500 97.2 70-130 LCS (2144001-BS1) Prepared: 10/25/21 Analyzed: 10/26/21 Benzene 2.70 0.0250 2.50 108 70-130 Difusion 2.81 0.0250 2.50 110 70-130 ps-Xylene 2.60 0.0250 2.50 104 70-130 ps-Xylene 5.37 0.0500 5.00 107 70-130 Surrogate: 1,2-Dickloroethane-d4 0.500 0.500 90.5 70-130 Surrogate: 1,2-Dickloroethane-d4 0.500 0.500 90.2 70-130 Surrogate: 1,2-Dickloroethane-d4 0.500 5.50 90.5 70-130 Surrogate: 1,2-Dickloroethane-d4 0.500 5.50 98.5 70-130 Surrogate: 1,2-Dickloroethane-d4<),m-Xylene		0.0500							
Integrate 1, 2-Dickloroschaned/ 0.10 99.9 70-130 Surrogate: Toluen-d8 0.866 0.500 97.2 70-130 Surrogate: Toluen-d8 0.486 0.500 97.2 70-130 Descenc 2.70 0.0250 2.50 108 70-130 Surrogate: Toluen-d8 2.74 0.0250 2.50 110 70-130 Followen 2.81 0.0250 2.50 104 70-130 Swrogate: Toluence 2.60 0.0250 2.50 104 70-130 Swrogate: Toluence 2.67 0.500 5.00 104 70-130 Swrogate: Toluence 3.77 0.0250 7.50 106 70-130 Swrogate: Toluence-48 0.500 0.500 99.9 70-130 104 Swrogate: Toluence-48 0.500 0.500 99.9 70-130 104 Swrogate: Toluence-48 0.500 0.500 99.9 70-130 104 23 Swrogate: Toluence-48 0.500 0.500<	Total Xylenes	ND	0.0250							
Marcagate: Total and a constraint of the con	Surrogate: Bromofluorobenzene	0.443		0.500		88.6	70-130			
LCS (2144001-BS1) Prepared: 10/25/21 Analyzed: 10/26/21 Benzene 2.70 0.0250 2.50 108 70-130 Benzene 2.74 0.0250 2.50 110 70-130 Bonzene 2.74 0.0250 2.50 112 70-130 Shylbenzene 2.60 0.0250 2.50 112 70-130 Sylene 2.60 0.0250 2.50 106 70-130 Shylbenzene 5.37 0.0500 5.00 107 70-130 Shurogate: Brom@luorobenzene 0.453 0.500 90.5 74-130 Shurogate: Toluene-d8 0.508 0.500 102 70-130 Shurogate: Toluene-d8 0.508 0.500 102 70-130 Shurogate: Toluene-d8 0.508 0.500 102 70-130 Shurogate: Toluene-d8 0.508 0.500 98.5 70-130 9.33 23 Bhylbenzene 2.46 0.0250 2.50 98.7 70-130 104 27 <td>Surrogate: 1,2-Dichloroethane-d4</td> <td>0.500</td> <td></td> <td>0.500</td> <td></td> <td>99.9</td> <td>70-130</td> <td></td> <td></td> <td></td>	Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		99.9	70-130			
Benzene 2.70 0.0250 2.50 108 70-130 Bihylbenzene 2.74 0.0250 2.50 110 70-130 Bihylbenzene 2.81 0.0250 2.50 112 70-130 Swylene 2.60 0.0250 2.50 104 70-130 Swylene 2.60 0.0250 2.50 104 70-130 Jon-Xylene 5.37 0.0500 5.00 107 70-130 Startogate: 7.97 0.0250 7.30 106 70-130 Surrogate: 1.2.2-Dichloroethane-d4 0.500 0.500 90.5 70-130 Surrogate: 1.2.2-Dichloroethane-d4 0.500 0.500 102 70-130 Surrogate: 1.2.2-Dichloroethane-d4 0.500 0.500 102 70-130 Surrogate: 1.2.2-Dichloroethane-d4 0.500 2.50 98.5 70-130 9.33 23 Surrogate: 1.2.2-Dichloroethane-d4 0.500 2.50 98.7 70-130 10.4 27 Surrogate: 1.2.2-Dichloroethane-d4 0.250<	Surrogate: Toluene-d8	0.486		0.500		97.2	70-130			
0.0250 2.50 10 70-130 Toluene 2.81 0.0250 2.50 112 70-130 >-Sylene 2.60 0.0250 2.50 104 70-130 pm-Sylene 5.37 0.0500 5.00 107 70-130 Surrogate: Bromofluorobenzene 0.453 0.500 90.5 70-130 Surrogate: I.2-Dickloroethane-d4 0.500 0.500 99.9 70-130 Surrogate: Toluene-d8 0.508 0.500 102 70-130 LCS Dup (2144001-BSD1) 0.508 0.500 102 70-130 Benzene 2.46 0.0250 2.50 98.5 70-130 9.33 23 Ethylbenzene 2.47 0.0250 2.50 98.7 70-130 10.4 27 Foluene 2.52 0.0250 2.50 98.7 70-130 10.4 27 Foluene 2.52 0.0250 2.50 98.7 70-130 10.4 27 Foluene 2.52 0.0250 2.50 98.7 70-130 10.4 27	LCS (2144001-BS1)							Prepared:	10/25/21	Analyzed: 10/26/21
Distribution 2.81 0.0250 2.50 112 70-130 o-Xylene 2.60 0.0250 2.50 104 70-130 p,m-Xylene 5.37 0.0500 5.00 107 70-130 Total Xylenes 7.97 0.0250 7.50 106 70-130 Surrogate: Bronofluorobenzene 0.453 0.500 90.5 70-130 Surrogate: Toluene-d8 0.500 99.9 70-130 LCS Dup (2144001-BSD1) 0.508 0.500 102 70-130 Benzene 2.46 0.0250 2.50 98.5 70-130 10.4 27 Toluene 2.52 0.0250 2.50 98.7 70-130 10.4 27 Denzene 2.46 0.0250 2.50 98.7 70-130 10.4 27 Toluene 2.52 0.0250 2.50 98.7 70-130 10.4 27 Toluene 2.52 0.0250 2.50 94.3 70-130 9.4 27 Total Xylenes 7.21 0.0250 7.50 96.	Benzene	2.70	0.0250	2.50						
Normalization Normalization Normalization Normalization 0-Xylene 5.37 0.0500 5.00 107 70-130 Total Xylenes 7.97 0.0250 7.50 106 70-130 Surrogate: Bromofluorobenzene 0.453 0.500 90.5 70-130 Surrogate: 1,2-Dichloroethane-d4 0.500 0.500 99.9 70-130 Surrogate: 70/nene-d8 0.508 0.500 102 70-130 ELCS Dup (2144001-BSD1) Prepared: 10/25/21 Analyzed: 10/26/21 Benzene 2.46 0.0250 2.50 98.5 70-130 0.4 27 Colume 2.52 0.0250 2.50 98.7 70-130 0.4 27 Olume 2.52 0.0250 2.50 98.7 70-130 0.4 27 Outer 2.52 0.0250 2.50 98.7 70-130 10.4 27 Outer 2.52 0.0250 2.50 98.7 70-130 10.4 27 Outer 2.52 0.0250 2.50 94.3 70-130	Ethylbenzene	2.74	0.0250	2.50		110				
Arylind Base	Toluene	2.81	0.0250	2.50						
No.100 7.97 0.0250 7.50 106 70-130 Surrogate: Bromofluorobenzene 0.453 0.500 90.5 70-130 Surrogate: I,2-Dichloroethane-d4 0.500 0.500 99.9 70-130 Surrogate: Toluene-d8 0.508 0.500 102 70-130 LCS Dup (2144001-BSD1) Prepared: 10/25/21 Analyzed: 10/26/21 Benzene 2.46 0.0250 2.50 98.5 70-130 9.33 23 Ethylbenzene 2.47 0.0250 2.50 98.7 70-130 10.4 27 Toluene 2.52 0.0250 2.50 94.3 70-130 10.4 27 Toluene 2.36 0.0250 2.50 94.3 70-130 10.2 27 Toluene 2.36 0.0250 2.50 94.3 70-130 10.2 27 Total Xylenes 7.21 0.0250 7.50 96.1 70-130 10.2 27 Surrogate: I,2-Dichloroethane-d4 0.515 0.500 7.50 96.1 70-130 10.2 27 <td< td=""><td>p-Xylene</td><td>2.60</td><td>0.0250</td><td>2.50</td><td></td><td>104</td><td></td><td></td><td></td><td></td></td<>	p-Xylene	2.60	0.0250	2.50		104				
Number of the origination of the operation	p,m-Xylene	5.37	0.0500	5.00		107				
Surrogate: 1, 2-Dichloroethane-d4 0,500 0.500 99.9 70-130 Surrogate: Toluene-d8 0,508 0.500 102 70-130 LCS Dup (2144001-BSD1) Prepared: 10/25/21 Analyzed: 10/26/21 Benzene 2.46 0.0250 2.50 98.5 70-130 9.33 23 Ethylbenzene 2.47 0.0250 2.50 98.7 70-130 10.4 27 Toluene 2.52 0.0250 2.50 98.7 70-130 10.9 24 >-xylene 2.36 0.0250 2.50 94.3 70-130 10.2 27 Toluene 2.36 0.0250 2.50 94.3 70-130 10.2 27 Toluene 2.36 0.0250 2.50 94.3 70-130 10.2 27 p.m-Xylene 2.36 0.0500 5.00 96.9 70-130 10.2 27 Total Xylenes 7.21 0.0250 7.50 96.1 70-130 10.1 27 Surrogate: I/2-Dichloroethane-d4 0.515 0.500 90.0 70	fotal Xylenes	7.97	0.0250	7.50		106	70-130			
Surrogate: Toluene-d8 0.508 0.500 102 70-130 LCS Dup (2144001-BSD1) Prepared: 10/25/21 Analyzed: 10/26/21 Benzene 2.46 0.0250 2.50 98.5 70-130 9.33 23 Sthylbenzene 2.47 0.0250 2.50 98.7 70-130 10.4 27 Foluene 2.52 0.0250 2.50 94.3 70-130 10.9 24 >-Xylene 2.36 0.0250 2.50 94.3 70-130 10.2 27 Open-Xylene 4.85 0.0500 5.00 96.9 70-130 10.2 27 Open-Xylene 4.85 0.0500 5.00 96.1 70-130 10.2 27 Surrogate: Brownofiluorobenzene 0.450 0.500 5.00 96.1 70-130 10.1 27 Surrogate: 1,2-Dichloroethane-d4 0.515 0.500 90.0 70-130 10.1 27	Surrogate: Bromofluorobenzene	0.453		0.500		90.5	70-130			
Surrogate: Toluene-d8 0.508 0.500 102 70-130 LCS Dup (2144001-BSD1) Prepared: 10/25/21 Analyzed: 10/26/21 Benzene 2.46 0.0250 2.50 98.5 70-130 9.33 23 Ethylbenzene 2.47 0.0250 2.50 98.7 70-130 10.4 27 Toluene 2.52 0.0250 2.50 94.3 70-130 10.9 24 >-Xylene 2.36 0.0250 2.50 94.3 70-130 10.2 27 Opm-Xylene 4.85 0.0500 5.00 96.9 70-130 10.2 27 Otal Xylenes 7.21 0.0250 7.50 96.1 70-130 10.2 27 Surrogate: Bromofluorobenzenc 0.450 0.500 90.0 70-130 10.2 27 Surrogate: 1,2-Dickloroethane-d4 0.515 0.500 90.0 70-130 10.1 27	Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		99.9	70-130			
Benzence 2.46 0.0250 2.50 98.5 70-130 9.33 23 Ethylbenzene 2.47 0.0250 2.50 98.7 70-130 10.4 27 Toluene 2.52 0.0250 2.50 101 70-130 10.9 24 o-Xylene 2.36 0.0250 2.50 94.3 70-130 9.74 27 o-Xylene 2.36 0.0250 2.50 96.9 70-130 10.2 27 Toluta Xylenes 7.21 0.0250 7.50 96.1 70-130 10.1 27 Surrogate: Bromofluorobenzene 0.450 0.500 5.00 96.1 70-130 10.2 27 Surrogate: 1,2-Dickloroethane-44 0.515 0.500 90.0 70-130 10.1 27				0.500		102	70-130			
Shiylbenzene 2.47 0.0250 2.50 98.7 70-130 10.4 27 Foluene 2.52 0.0250 2.50 101 70-130 10.9 24 >-Xylene 2.36 0.0250 2.50 94.3 70-130 9.74 27 p,m-Xylene 4.85 0.0500 5.00 96.9 70-130 10.2 27 fotal Xylenes 7.21 0.0250 7.50 96.1 70-130 10.1 27 Surrogate: Bromofluorobenzene 0.450 5.00 96.0 70-130 10.2 27 Surrogate: 1,2-Dickhloroethane-d4 0.515 0.500 7.50 96.1 70-130 10.1 27	LCS Dup (2144001-BSD1)							Prepared:	10/25/21	Analyzed: 10/26/21
Surrogate: 1,2-Dickforcethane-d4 0.5/5 0.625 2.50 101 70-130 10.9 24 0-Xylene 2.36 0.0250 2.50 94.3 70-130 9.74 27 p,m-Xylene 4.85 0.0500 5.00 96.9 70-130 10.2 27 Total Xylenes 7.21 0.0250 7.50 96.1 70-130 10.1 27 Surrogate: Bromofluorobenzenc 0.450 7.60 90.0 70-130 10.1 27	Benzene		0.0250							
Skylene 2.36 0.0250 2.50 94.3 70-130 9.74 27 p,m-Xylene 4.85 0.0500 5.00 96.9 70-130 10.2 27 Total Xylenes 7.21 0.0250 7.50 96.1 70-130 10.1 27 Surrogate: Bromofluorobenzene 0.450 5.00 90.0 70-130 10.1 27 Surrogate: 1,2-Dichloroethane-d4 0.515 0.500 90.0 70-130 10.1 27	Ethylbenzene	2.47	0.0250	2.50		98.7	70-130	10.4	27	
A,m-Xylene 4.85 0.0500 5.00 96.9 70-130 10.2 27 Total Xylenes 7.21 0.0250 7.50 96.1 70-130 10.1 27 Surrogate: Bromofluorobenzene 0.450 0.500 90.0 70-130 10.1 27 Surrogate: 1,2-Dichloroethane-d4 0.515 0.500 103 70-130 10.1 27	Foluene	2.52	0.0250							
Number 7.21 0.0250 7.50 96.1 70-130 10.1 27 Surrogate: Bromofluorobenzenc 0.450 0.500 90.0 70-130 10.1 27 Surrogate: 1,2-Dickloroethane-d4 0.515 0.500 90.0 70-130 10.1 27	o-Xylene	2.36	0.0250							
Surrogate: Description 90.0 70-130 Surrogate: 1,2-Dickloroethane-d4 0.515 0.500 103 70-130),m-Xylene	4,85	0.0500							
Surrogate: 1,2-Dickloroethane-d4 0.515 0.500 103 70-130	Total Xylenes	7.21	0.0250	7.50		96.1	70-130	10.1	27	
	Surrogate: Bromofluorobenzene	0.450		0.500		90.0	70-130			
Surrogate: Toluene-d8 0.495 0.500 99.0 70-130	Surrogate: 1,2-Dichloroethane-d4	0.515		0.500		103	70-130			
	Surrogate: Toluene-d8	0.495		0.500		99.0	70-130			



		QC D		ary Data					
Enduring Resources, LLC 6300 S Syracuse Way Suite 525		Project Name: Project Number:		carilla #103H 7065-0017					Reported:
Centennial CO, 80111		Project Manager:		had Snell					10/26/2021 2:01:14PM
	Na	nhalogenated O	rganics	by EPA 801	5D - G	RO			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2144001-BLK1)				_			Prepared: 1	0/25/21 /	Analyzed: 10/25/21
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.443		0.500		88.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		99.9	70-130			
Surrogate: Toluene-d8	0.486		0.500		97.2	70-130			
LCS (2144001-BS2)							Prepared: 10	0/25/21 A	Analyzed: 10/26/21
Gasoline Range Organics (C6-C10)	57.1	20.0	50.0		114	70-130			
httrogate: Bromofhiorobenzene	0.439		0.500		87.8	70-130			
urrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.5	70-130			
herrogate: Toluene-d8	0.499		0.500		99. 7	70-130			
LCS Dup (2144001-BSD2)							Prepared: 10)/25/21 A	Analyzed: 10/26/21
Fasoline Range Organics (C6-C10)	57.1	20.0	50.0		114	70-130	0.0298	20	
Surrogate: Bromofluorobenzene	0.446		0.500		89.1	70-130			
httrogate: 1,2-Dichloroethane-d4	0.501		0.500		100	70-130			
urrogate: Toluene-d8	0.505		0.500		101	70-130			



				v						
Enduring Resources, LLC 6300 S Syracuse Way Suite 525		Project Name: Project Number:		Jicarilla #103H 17065-0017					Re	ported:
Centennial CO, 80111		Project Manager:		Chad Snell					10/26/202	1 2:01:14PM
	Nonh	alogenated Org	anics by	y EPA 8015D	- DRO	/ORO			Analy	vst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPI Lim		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%		Notes
Blank (2144002-BLK1)							Prepared	: 10/25/21	Analyzed:	10/25/21
Diesel Range Organics (C10-C28)	ND	25.0				_	Lord			10/20/21
Oil Range Organics (C28-C36)	ND	50.0								
Surrogate: n-Nonane	49.5		50.0		99.0	50-200				_
LCS (2144002-BS1)							Prepared:	10/25/21	Analyzed:	10/25/21
Diesel Range Organics (C10-C28)	499	25.0	500		99.8	38-132				10/20/21
Surrogate: n-Nonane	48.2		50.0		96.5	50-200				
Matrix Spike (2144002-MS1)				Source: E	110114-2	6	Prepared:	10/25/21	Analyzed:	10/25/21
Diesel Range Organics (C10-C28)	545	25.0	500	ND	109	38-132				
Surrogate: n-Nonane	51.4		50.0		103	50-200	_			
Matrix Spike Dup (2144002-MSD1)				Source: E	110114-2	6	Prepared:	10/25/21	Analyzed:	10/25/21
Diesel Range Organics (C10-C28)	546	25.0	500	ND	109	38-132	0.297	20		
Surrogate: n-Nonane	50.7		50.0		101	50-200				



QC Summary Data

Enduring Resources, LLC 6300 S Syracuse Way Suite 525 Centennial CO, 80111		Project Name: Project Number: Project Manager	: 17	carilla #103H 065-0017 1ad Snell					Reported: 10/26/2021 2:01:14PM
		Anions	by EPA 3	00.0/9056A					Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2144005-BLK1)							Prepared: 1	0/25/21	Analyzed: 10/26/21
Chloride	ND	20.0					partar 1		mary200. 10/20/21
LCS (2144005-BS1)							Prepared: 10	0/25/21	Analyzed: 10/26/21
Chloride	248	20.0	250		99.1	90-110	1		10120121
LCS Dup (2144005-BSD1)]	Prepared: 1()/25/21	Analyzed: 10/26/21
Thloride	246	20.0	250		98.6	90-110	0.550	20	

QC Summary Report Comment:

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



Definitions and Notes

	Enduring Resources, LLC	Project Name:	Jicarilla #103H	
	6300 S Syracuse Way Suite 525	Project Number:	17065-0017	
	Centennial CO, 80111			Reported:
ļ		Project Manager:	Chad Snell	10/26/21 14:01

ND Analyte NOT DETECTED at or above the reporting limit

NR. Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



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Project: Jicarilla 103 H					Bill To		1	wo		ab U	lse O		100	-		T	AT	EPA P	rogra
Project Manager: Cl	nad Snel					ddress:					Job Number			1	D 20	3D		CWA	SD
Address: 200 Ende	rgy cour	t			City, State, Zip		E	10	11-						X				
City, State, Zip Farmin	ngton, N	M, 4701			Phone:		-	T	1	-	Anal	ysis ai	nd Me	thod					RC
Phone: (505) 444-05					Email:		- u	6											
Email: csnell@enduri	ngresou	ces.com					801	801										State	
Report due by:				3.10			<u>م</u>	م م	8021	560	9	300.0					NM CO	UT AZ	TX
Time Sampled Date Sampled	Matrix	No. of Containers	Sample ID)		Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	8TEX by 8021	VOC by 8260	Metals 6010	Chforide 300.0						Remarks	
9:40 10/22/21	S	1	East	wai	11		X	X		>	Σ	ð X	+	+				Nemarks	
								<u> </u>		_			-+	-	+-	$\left \right $			
		_					<u> </u>					_	_	_					
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dditional Instructions																			
field sampler), attest to the v	alidity and a	uthenticity	of this comple		that tampering with or intentionally misla														
ite or time of conection is con-	sidered frau	d and may b	e grounds for	r legal action.	Sampled by:	belling the sample to	cation	ļ,		S	iamples aceived	requirin packed	g therma in ice at a	l preserv en avg te	ation mu	ist be reci e 0 but le:	eived on ice the day ti ss than 6 oC on subse	iey are sample	ed or
linguished by; (Signature)		Date		ime 14:15	Received by: (Signature)	Date	T	ime	15		6.1	5.4		L		e Only		dacue au ya.	
linquished by: (Signature)		Date		ime	Received by: (Signature)	Date		14 : Ime	-10	F	Recei	ved o	n ice:	0	DY N				
linquished by: (Signature)		Date	T	ime	Received by: (Signature)	Date		īme		I	1			<u>T2</u>			<u>T3</u>	2	
						Porc		4115		Δ	VGT	omn	or L	+					
nple Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other							AVG Temp oC Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA s samples will be returned to client or disposed of at the client expense. The report for the analysis of the above prv is limited to the amount paid for one the second												

Envirotech Analytical Laboratory

Printed: 10/24/2021 5:57:16PM

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Sam ple Receipt Checklist (SRC) Instructions: Please take note of any NO checkm arks. If we receive no response concerning these item swithin 24 hours of the date of this notice, all the sam ples will be analyzed as requested. Dur . .

						eu as requestet			
Client:	Enduring Resources, LLC	Date Received:	10/22/	21 14:15			Work Order ID:	E110117	
Phone:	(303) 573-1222	Date Logged In:	10/24/	21 17:52			Logged In By:		
Em al:	csnell@EnduringResources.com	Due Date:			l day TAT)		Logged in By:	Alexa Michaels	
Chain of	Custody (CO Q								
1. Does th	e sam ple ID m ach the COC?		Yes						
2. Does th	e num ber of sam ples per sam pling site location r	atch the COC							
3. Were sa	m ples dropped off by client or carrier?		Yes Yes						
4. Was the	COC com plete, i.e., signatures, dates/tim es, requ	ested analyses?	Yes		Carrier: Jim N	<u>A ars</u>			
5. Were all	sam fics received within holding tim \mathcal{Q} Note: Analysis, such as pH which should be conducted	in the field	Yes						
Sam de Tu	i.e, 15 m nute hold tim e are not included in this disucs Irn Around Tim e(TAT)	sion.					Com m ett	/Resolution	
6. Did the	COC indicate standard TAT, or Expedited TAT?								
Sam de Co	oler		Yes						
	m ple cooler received?								
	as cooler received in good condition?		Yes						
	sam ple(s) received intact, i.e., not broken?		Yes						
	istody/security seals present?		Yes						
	vere custody/security seals intact?		No						
			NA						
1 t	sample received on ice? If yes, the recorded tem pis 4°C Note: Therm a preservation is not required, if sam des a n nutes of sam ding	re received w/i 15	Yes						
13. If no vis	sible ice, record the tem perature. Actual sam pl	e tem perature: 4°C							
Sam ple Con	ntainer								
14. Are aque	eous VOC sam des present?		No						
15. Are VO	C samples collected in VOA Vials?		NA						
16. Is the he	ad space less than 6-8 m m(pea sized or less)?		NA						
17. Wasa tri	ip blank (TB) included for VOC analyses?		NA						
8. Are non-	VOC sam ples collected in the correct containers	?	Yes						
9. Is the app	propriate volum e'weight or num her of sam ple contai	ners collected?	Yes						
field Label			105						
0. Were fiel	d sam he labels filled out with the m nim un info	orm ation:							
Sam	pe ID?		Yes						
	/Time Collected? ectors nam e		Yes						
am ple Pres			Yes						
2 Are same	COC or field labels indicate the sam ples were pr de(s) correctly preserved?	eserved?	No						
4. Is lab filt	eration required and/or requested for dissolved rr	. 1.5	NA						
	Sample Matrix	dals?	No						
7. If yes do	sample have m œ than one phase, i.e., m ultiphases the COC specify which phase(s) is to be analy	ie?	No						
		zed?	NA						
	Laboratory								
. Are sam p	les required to get sent to a subcontract laborator	y?	No						
	contract laboratory specified by the client and if	so who?	NA	Subcontr	act Lab: NA				
Client Instru	uction								

Signature of client authorizing changes to the COC or sam he disposition.







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

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

District III

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

District IV

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

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

CONDITIONS

Operator:	OGRID:
ENDURING RESOURCES, LLC	372286
6300 S Syracuse Way, Suite 525	Action Number:
Centennial, CO 80111	62833
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	1. Closure Report Approved. 2. Deferral for area under production equipment measured 47' X 34' X 1.5' is granted. Future investigation/remediation to be completed at plug and abandonment of gas well.	1/7/2022

Action 62833