

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

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

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

Incident ID	NRM2024761631
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: Enduring Resources	OGRID: 372286
Contact Name: James McDaniel	Contact Telephone: (505) 636-9731
Contact email: jmcdaniel@enduringresources.com	Incident # (assigned by OCD)
Contact mailing address: 200 Energy Court	Farmington, New Mexico 87401

Location of Release Source

Latitude 36.577856 Longitude -107.745835
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: John Charles 2	Site Type: Wellsite
Date Release Discovered: 7/29/2020	API# (if applicable) 30-045-06480

Unit Letter	Section	Township	Range	County
E	13	27N	9W	San Juan

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

Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls): UNK	Volume Recovered (bbls): NONE
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release:

On 7/29/2020, BGT closure activities were performed at this location. During the removal of the BGT, some fluids in the BGT spilled into the depression where the BGT was pulled out of, confirming a release for this location. Sample results on 7/29/2020 indicated additional excavation was needed, and on 8/3/2020, closure sampling was performed, with all samples returning results below the Table I standards for this location. A Remediation Narrative is attached to this report for reference.

Incident ID	NRM2024761631
District RP	
Facility ID	
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Was this a major release as defined by 19.15.29.7(A) NMAC?

☐ Yes ☒ No

If YES, for what reason(s) does the responsible party consider this a major release?

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?

Initial Response

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

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

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

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

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

Printed Name: _____

Title: _____

Signature: _____

Date: _____

email: _____

Telephone: _____

OCD Only

Received by: Ramona Marcus

Date: 9/3/2020

Incident ID	Page 3 of 37
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	_____ (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input type="checkbox"/> 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)?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input type="checkbox"/> 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?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

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

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

Incident ID	Page 4 of 37
District RP	
Facility ID	
Application ID	

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Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Incident ID	
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Remediation Plan

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

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

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

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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

Signature: _____ Date: _____

Incident ID	NRM2024761631
District RP	
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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: James McDaniel Title: HSE Supervisor
Signature:  Date: 9/2/2020
email: jmcDaniel@enduringresources.com Telephone: 505-636-9731

OCD Only

Received by: Ramona Marcus Date: 9/3/2020

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

NRM2024761631

John Charles 2 Narrative**7/29/2020**

BGT Activities occurred at the John Charles 2 due to an unpermitted BGT. During removal of the BGT, a small amount of liquid inside the BGT spilled from the BGT, into the area where the BGT formerly was located, see *Photo Page*. Approximately 6" of soil was excavated from the spill area and removed for disposal at Envirotech's Landfarm. A closure composite sample was collected in the bottom of the former BGT location, see attached *Table I Analytical Results* and the *Sampling Map*.

7/31/2020

Sample results indicated that TPH levels above the Table I standards of 100 ppm were present. Additional excavation is required. Notification of additional sampling requirements were submitted via email to the NMOCD, BLM and FIMO; see attached *Notification Email*. Additional sampling to occur on 8/3/2020.

8/1/2020

Additional excavation was performed, excavating the former BGT area to extents of 8' x 5' x 2' deep. Impacted soil sent to Envirotech for disposal.

8/3/2020

Additional sampling performed on the excavated area. One (1) composite sample was collected from the bottom of the excavation, and one (1) composite sample was collected of the four (4) walls of the excavation. These samples were submitted to Envirotech for analysis.

8/10/2020

Both samples returned results below the Table I Standards for this location; see attached *Analytical Results* and *Sampling Map*.

8/11/2020

Backfill activities occurred at the location.

NRM2024761631



James McDaniel

NRM2024761631

From: James McDaniel
Sent: Friday, July 24, 2020 12:48 PM
To: 'Smith, Cory, EMNRD'; 'Abiodun Emmanuel Adeloje'; 'Maureen Joe'
Cc: Heather Huntington; David Rogers; Kyle Walter
Subject: RE: Below Grade Tank Closure Notifications

Ladies and Gentlemen,

Please accept this email as the required notification for below grade tank closure activities at the two wells below:

John Charles 2, 30-045-06480, located in Section 13E, Township 27N, Range 9W, San Juan County, New Mexico.

Marshall A 3, 30-045-06536, located in Section 15G, Township 27N, Range 9W, San Juan County, New Mexico.

Closure activities will begin at 10 AM at the Marshall A 3, with the John Charles 2 closure activities taking place immediately following. Thank you for your time in regards to this matter.

**Closure activities will take place on Wednesday, July 29, 2020.*

James McDaniel
HSE Supervisor
Enduring Resources

CSP #30009

CHMM #15676

CIT #13805

Office: 505-636-9731

Cell: 505-444-3004

jmcdaniel@enduringresources.com



From: James McDaniel
Sent: Friday, July 24, 2020 12:47 PM
To: 'Smith, Cory, EMNRD' <Cory.Smith@state.nm.us>; 'Abiodun Emmanuel Adeloje' <aadeloje@blm.gov>; 'Maureen Joe' <maureen.joe@bia.gov>
Cc: Heather Huntington <Hhuntington@enduringresources.com>; David Rogers <DRogers@enduringresources.com>; Kyle Walter <KWalter@enduringresources.com>
Subject: Below Grade Tank Closure Notifications

Ladies and Gentlemen,

Please accept this email as the required notification for below grade tank closure activities at the two wells below:

John Charles 2, 30-045-06480, located in Section 13E, Township 27N, Range 9W, San Juan County, New Mexico.

Marshall A 3, 30-045-06536, located in Section 15G, Township 27N, Range 9W, San Juan County, New Mexico.

Closure activities will begin at 10 AM at the Marshall A 3, with the John Charles 2 closure activities taking place immediately following. Thank you for your time in regards to this matter.

James McDaniel

HSE Supervisor

Enduring Resources

CSP #30009

CHMM #15676

CIT #13805

Office: 505-636-9731

Cell: 505-444-3004

jmcdaniel@enduringresources.com



NRM2024761631

James McDaniel

From: James McDaniel
Sent: Friday, July 31, 2020 7:32 AM
To: 'Smith, Cory, EMNRD'; 'Abiodun Emmanuel Adeloye'; 'Maureen Joe'
Cc: Heather Huntington; David Rogers
Subject: Re-Sampling of BGT Closures

The samples collected from below the BGTs at the Marshall A 3 and the John Charles 2 were elevated for DRO/ORO above the 100 ppm TPH requirements in the top 4 feet of soil. Additional excavation will occur on these two locations today, and closure sampling will occur at 10 AM on Monday, +August 3 at the Marshall A 3, with the sampling at the John Charles 2 following immediately afterwards. Thank you.

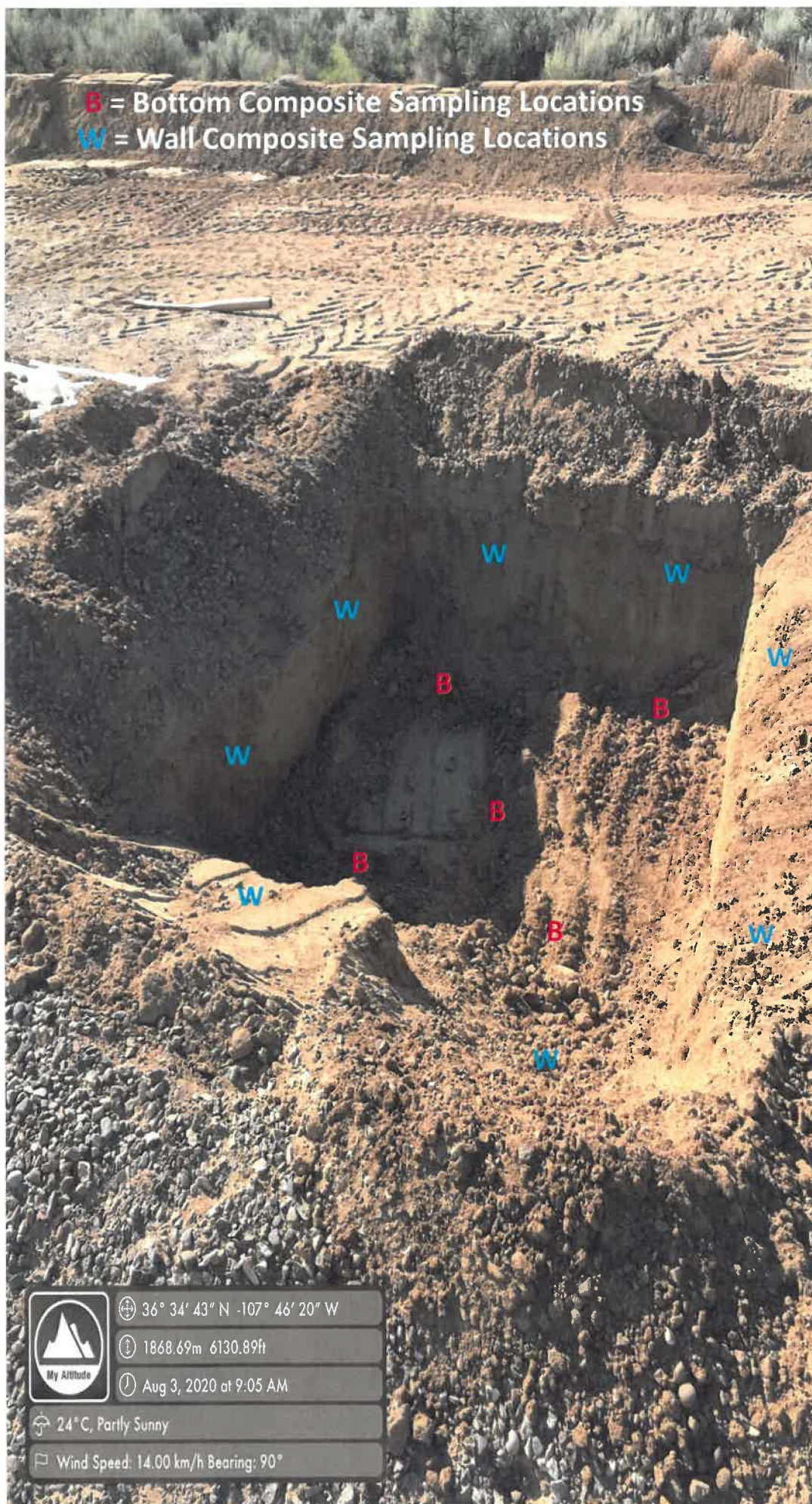
James McDaniel
HSE Supervisor
Enduring Resources
CSP #30009
CHMM #15676
CIT #13805
Office: 505-636-9731
Cell: 505-444-3004
jmcdaniel@enduringresources.com



NRM2024761631



NRM2024761631



John Charles 2

Sample Name	Description	Date	DRO	GRO	DRO+ GRO	ORO	Total TPH	Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	Chlorides	Square Footage
STANDARD	Top 4'	NA	NA	NA	NA	NA	100	10	NA	NA	NA	50	600	200 sq. ft
			ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Bottom @ 6"	Bottom @ 6"	7/29/2020	92	< 20	92	666	757.6	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.1	< 20	40
Wall Composite	Wall Composite	8/3/2020	< 25	< 20	< 45	< 50	< 95	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.1	< 20	52
Bottom @ 2'	Bottom @ 2'	8/3/2020	< 25	< 20	< 45	< 50	< 95	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.1	< 20	40



NRM2024761631

Analytical Report

Report Summary

Client: Enduring Resources, LLC

Samples Received: 7/29/2020

Job Number: 17065-0017

Work Order: P007080

Project Name/Location: John Charles 2

Report Reviewed By:

A handwritten signature in black ink, appearing to read 'Walter Hinchman', is written over a horizontal line.

Date: 7/31/20

Walter Hinchman, Laboratory Director



Envirotech Inc. certifies the test results meet all requirements of TNI unless footnoted otherwise.

Statement of Data Authenticity: Envirotech, Inc. attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

Envirotech, Inc. holds the Utah TNI certification NM009792018-1 for the data reported.

Envirotech, Inc. holds the Texas TNI certification T104704557-19-2 for the data reported.





Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: John Charles 2
Project Number: 17065-0017
Project Manager: James McDaniel

Reported:
07/31/20 11:51

Sample Summary

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Bottom @ 6"	P007080-01A	Soil	07/29/20	07/29/20	Glass Jar, 4 oz.

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Envirotech, Inc | 5796 U.S Highway 64 | Farmington, NM 87401 | 505.632.1881 | Envirotech-inc.com





Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: John Charles 2
Project Number: 17065-0017
Project Manager: James McDaniel

Reported:
07/31/20 11:51

Bottom @ 6"
P007080-01 (Solid)

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg			Batch: 2031011
Benzene	ND	0.0250	1	07/29/20	07/29/20	
Toluene	ND	0.0250	1	07/29/20	07/29/20	
Ethylbenzene	ND	0.0250	1	07/29/20	07/29/20	
p,m-Xylene	ND	0.0500	1	07/29/20	07/29/20	
o-Xylene	ND	0.0250	1	07/29/20	07/29/20	
Total Xylenes	ND	0.0250	1	07/29/20	07/29/20	
Surrogate: 4-Bromochlorobenzene-PID	104 %	50-150		07/29/20	07/29/20	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg			Batch: 2031011
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/29/20	07/29/20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.4 %	50-150		07/29/20	07/29/20	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg			Batch: 2031015
Diesel Range Organics (C10-C28)	91.6	25.0	1	07/29/20	07/30/20	
Oil Range Organics (C28-C40)	666	50.0	1	07/29/20	07/30/20	
Surrogate: n-Nonane	95.2 %	50-200		07/29/20	07/30/20	
Anions by EPA 300.0/9056A		mg/kg	mg/kg			Batch: 2031012
Chloride	ND	20.0	1	07/29/20	07/29/20	

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Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: John Charles 2
Project Number: 17065-0017
Project Manager: James McDaniel

Reported:
07/31/20 11:51

Volatile Organics by EPA 8021B - Quality Control

Analyte	Result	Reporting Limit	Spike Level	Source Result	REC	REC Limit	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2031011-BLK1)

Prepared & Analyzed: 07/29/20 1

Benzene	ND	0.0250							
Toluene	ND	0.0250							
Ethylbenzene	ND	0.0250							
p,m-Xylene	ND	0.0500							
o-Xylene	ND	0.0250							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.16		8.00		102	50-150			

LCS (2031011-BS1)

Prepared & Analyzed: 07/29/20 1

Benzene	5.16	0.0250	5.00		103	70-130			
Toluene	5.18	0.0250	5.00		104	70-130			
Ethylbenzene	5.15	0.0250	5.00		103	70-130			
p,m-Xylene	10.3	0.0500	10.0		103	70-130			
o-Xylene	5.17	0.0250	5.00		103	70-130			
Total Xylenes	15.5	0.0250	15.0		103	0-200			
Surrogate: 4-Bromochlorobenzene-PID	8.54		8.00		107	50-150			

Matrix Spike (2031011-MS1)

Source: P007075-01

Prepared & Analyzed: 07/29/20 1

Benzene	4.95	0.0250	5.00	ND	99.0	54.3-133			
Toluene	4.95	0.0250	5.00	ND	99.0	61.4-130			
Ethylbenzene	4.93	0.0250	5.00	ND	98.6	61.4-133			
p,m-Xylene	9.87	0.0500	10.0	ND	98.7	63.3-131			
o-Xylene	4.93	0.0250	5.00	ND	98.6	63.3-131			
Total Xylenes	14.8	0.0250	15.0	ND	98.7	0-200			
Surrogate: 4-Bromochlorobenzene-PID	8.17		8.00		102	50-150			

Matrix Spike Dup (2031011-MSD1)

Source: P007075-01

Prepared & Analyzed: 07/29/20 1

Benzene	5.24	0.0250	5.00	ND	105	54.3-133	5.71	20	
Toluene	5.22	0.0250	5.00	ND	104	61.4-130	5.30	20	
Ethylbenzene	5.19	0.0250	5.00	ND	104	61.4-133	5.17	20	
p,m-Xylene	10.4	0.0500	10.0	ND	104	63.3-131	5.12	20	
o-Xylene	5.20	0.0250	5.00	ND	104	63.3-131	5.28	20	
Total Xylenes	15.6	0.0250	15.0	ND	104	0-200	5.17	200	
Surrogate: 4-Bromochlorobenzene-PID	8.20		8.00		102	50-150			

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Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: John Charles 2
Project Number: 17065-0017
Project Manager: James McDaniel

Reported:
07/31/20 11:51

Nonhalogenated Organics by EPA 8015D - GRO - Quality Control

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	REC %	REC Limits %	RPD %	RPD Limit %	Notes
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Blank (2031011-BLK1)

Prepared & Analyzed: 07/29/20 1

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.51		8.00		93.9	50-150			

LCS (2031011-BS2)

Prepared & Analyzed: 07/29/20 1

Gasoline Range Organics (C6-C10)	47.5	20.0	50.0		95.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.42		8.00		92.7	50-150			

Matrix Spike (2031011-MS2)

Source: P007075-01

Prepared & Analyzed: 07/29/20 1

Gasoline Range Organics (C6-C10)	50.7	20.0	50.0	ND	101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.58		8.00		94.8	50-150			

Matrix Spike Dup (2031011-MSD2)

Source: P007075-01

Prepared & Analyzed: 07/29/20 1

Gasoline Range Organics (C6-C10)	48.8	20.0	50.0	ND	97.6	70-130	3.83	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.51		8.00		93.9	50-150			

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Enduring Resources, LLC	Project Name:	John Charles 2	
511 16th Street, Suite 700	Project Number:	17065-0017	Reported:
Denver CO, 80202	Project Manager:	James McDaniel	07/31/20 11:51

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

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	REC %	REC Limits %	RPD %	RPD Limit %	Notes
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Blank (2031015-BLK1)

Prepared & Analyzed: 07/29/20 1

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C40)	ND	50.0							
Surrogate: n-Nonane	52.4		50.0		105	50-200			

LCS (2031015-BS1)

Prepared: 07/29/20 1 Analyzed: 07/29/20 2

Diesel Range Organics (C10-C28)	470	25.0	500		94.1	38-132			
Surrogate: n-Nonane	52.6		50.0		105	50-200			

Matrix Spike (2031015-MS1)

Source: P007079-01 Prepared: 07/29/20 1 Analyzed: 07/29/20 2

Diesel Range Organics (C10-C28)	947	25.0	500	433	103	38-132			
Surrogate: n-Nonane	48.8		50.0		97.6	50-200			

Matrix Spike Dup (2031015-MSD1)

Source: P007079-01 Prepared: 07/29/20 1 Analyzed: 07/29/20 2

Diesel Range Organics (C10-C28)	984	25.0	500	433	110	38-132	3.83	20	
Surrogate: n-Nonane	48.8		50.0		97.5	50-200			

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Enduring Resources, LLC	Project Name:	John Charles 2	Reported: 07/31/20 11:51
511 16th Street, Suite 700	Project Number:	17065-0017	
Denver CO, 80202	Project Manager:	James McDaniel	

Anions by EPA 300.0/9056A - Quality Control

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	REC % %	REC Limits %	RPD % %	RPD Limit %	Notes
Blank (2031012-BLK1)					Prepared & Analyzed: 07/29/20 1				
Chloride	ND	20.0							
LCS (2031012-BS1)					Prepared & Analyzed: 07/29/20 1				
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2031012-MS1)					Source: P007075-01 Prepared & Analyzed: 07/29/20 1				
Chloride	353	20.0	250	97.6	102	80-120			
Matrix Spike Dup (2031012-MSD1)					Source: P007075-01 Prepared & Analyzed: 07/29/20 1				
Chloride	353	20.0	250	97.6	102	80-120	0.00283	20	

QC Summary Report Comment:

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

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Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: John Charles 2
Project Number: 17065-0017
Project Manager: James McDaniel

Reported:
07/31/20 11:51

Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

** Methods marked with ** are non-accredited methods.

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

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Page 1 of 1

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Page 9 of 9



Analytical Report

Report Summary

Client: Enduring Resources, LLC

Samples Received: 8/3/2020

Job Number: 17065-0017

Work Order: P008006

Project Name/Location: John Charles 2

Report Reviewed By:

A handwritten signature in black ink, appearing to read 'Walter Hinchman', is written over a horizontal line.

Date: 8/10/20

Walter Hinchman, Laboratory Director



Envirotech Inc. certifies the test results meet all requirements of TNI unless footnoted otherwise.
Statement of Data Authenticity: Envirotech, Inc. attests the data reported has not been altered in any way.
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Envirotech, Inc. holds the Utah TNI certification NM009792018-1 for the data reported.
Envirotech, Inc. holds the Texas TNI certification T104704557-19-2 for the data reported.





Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: John Charles 2
Project Number: 17065-0017
Project Manager: James McDaniel

Reported:
08/10/20 10:38

Sample Summary

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Bottom Composite	P008006-01A	Soil	08/03/20	08/03/20	Glass Jar, 4 oz.
Wall Composite	P008006-02A	Soil	08/03/20	08/03/20	Glass Jar, 4 oz.

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Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: John Charles 2
Project Number: 17065-0017
Project Manager: James McDaniel

Reported:
08/10/20 10:38

Bottom Composite
P008006-01 (Solid)

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg				Batch: 2032018
Benzene	ND	0.0250	1	08/05/20	08/05/20	
Toluene	ND	0.0250	1	08/05/20	08/05/20	
Ethylbenzene	ND	0.0250	1	08/05/20	08/05/20	
p,m-Xylene	ND	0.0500	1	08/05/20	08/05/20	
o-Xylene	ND	0.0250	1	08/05/20	08/05/20	
Total Xylenes	ND	0.0250	1	08/05/20	08/05/20	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	50-150	08/05/20	08/05/20	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg				Batch: 2032018
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/05/20	08/05/20	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.3 %	50-150	08/05/20	08/05/20	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg				Batch: 2032016
Diesel Range Organics (C10-C28)	ND	25.0	1	08/05/20	08/05/20	
Oil Range Organics (C28-C40)	ND	50.0	1	08/05/20	08/05/20	
<i>Surrogate: n-Nonane</i>		90.6 %	50-200	08/05/20	08/05/20	
Anions by EPA 300.0/9056A	mg/kg	mg/kg				Batch: 2032017
Chloride	ND	20.0	1	08/05/20	08/05/20	

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Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: John Charles 2
Project Number: 17065-0017
Project Manager: James McDaniel

Reported:
08/10/20 10:38

Wall Composite
P008006-02 (Solid)

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg			Batch: 2032018
Benzene	ND	0.0250	1	08/05/20	08/05/20	
Toluene	ND	0.0250	1	08/05/20	08/05/20	
Ethylbenzene	ND	0.0250	1	08/05/20	08/05/20	
p,m-Xylene	ND	0.0500	1	08/05/20	08/05/20	
o-Xylene	ND	0.0250	1	08/05/20	08/05/20	
Total Xylenes	ND	0.0250	1	08/05/20	08/05/20	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	50-150	08/05/20	08/05/20	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg			Batch: 2032018
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/05/20	08/05/20	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.6 %	50-150	08/05/20	08/05/20	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg			Batch: 2032016
Diesel Range Organics (C10-C28)	ND	25.0	1	08/05/20	08/05/20	
Oil Range Organics (C28-C40)	ND	50.0	1	08/05/20	08/05/20	
<i>Surrogate: n-Nonane</i>		91.7 %	50-200	08/05/20	08/05/20	
Anions by EPA 300.0/9056A		mg/kg	mg/kg			Batch: 2032017
Chloride	ND	20.0	1	08/05/20	08/05/20	

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Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: John Charles 2
Project Number: 17065-0017
Project Manager: James McDaniel

Reported:
08/10/20 10:38

Volatile Organics by EPA 8021B - Quality Control

Analyte	Result	Reporting Limit	Spike Level	Source Result	REC	REC Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2032018-BLK1)

Prepared: 08/05/20 0 Analyzed: 08/05/20 1

Benzene	ND	0.0250							
Toluene	ND	0.0250							
Ethylbenzene	ND	0.0250							
p,m-Xylene	ND	0.0500							
o-Xylene	ND	0.0250							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.12		8.00		102	50-150			

LCS (2032018-BS1)

Prepared: 08/05/20 0 Analyzed: 08/05/20 1

Benzene	5.42	0.0250	5.00		108	70-130			
Toluene	5.43	0.0250	5.00		109	70-130			
Ethylbenzene	5.40	0.0250	5.00		108	70-130			
p,m-Xylene	10.8	0.0500	10.0		108	70-130			
o-Xylene	5.43	0.0250	5.00		109	70-130			
Total Xylenes	16.2	0.0250	15.0		108	0-200			
Surrogate: 4-Bromochlorobenzene-PID	8.41		8.00		105	50-150			

Matrix Spike (2032018-MS1)

Source: P008005-01

Prepared: 08/05/20 0 Analyzed: 08/05/20 1

Benzene	5.36	0.0250	5.00	ND	107	54.3-133			
Toluene	5.37	0.0250	5.00	ND	107	61.4-130			
Ethylbenzene	5.34	0.0250	5.00	ND	107	61.4-133			
p,m-Xylene	10.7	0.0500	10.0	ND	107	63.3-131			
o-Xylene	5.37	0.0250	5.00	ND	107	63.3-131			
Total Xylenes	16.1	0.0250	15.0	ND	107	0-200			
Surrogate: 4-Bromochlorobenzene-PID	8.33		8.00		104	50-150			

Matrix Spike Dup (2032018-MSD1)

Source: P008005-01

Prepared: 08/05/20 0 Analyzed: 08/05/20 1

Benzene	5.22	0.0250	5.00	ND	104	54.3-133	2.71	20	
Toluene	5.20	0.0250	5.00	ND	104	61.4-130	3.17	20	
Ethylbenzene	5.17	0.0250	5.00	ND	103	61.4-133	3.38	20	
p,m-Xylene	10.3	0.0500	10.0	ND	103	63.3-131	3.44	20	
o-Xylene	5.19	0.0250	5.00	ND	104	63.3-131	3.37	20	
Total Xylenes	15.5	0.0250	15.0	ND	104	0-200	3.41	200	
Surrogate: 4-Bromochlorobenzene-PID	8.10		8.00		101	50-150			

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Enduring Resources, LLC	Project Name:	John Charles 2	
511 16th Street, Suite 700	Project Number:	17065-0017	Reported:
Denver CO, 80202	Project Manager:	James McDaniel	08/10/20 10:38

Nonhalogenated Organics by EPA 8015D - GRO - Quality Control

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	REC % %	REC Limits %	RPD % %	RPD Limit %	Notes
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Blank (2032018-BLK1)

Prepared: 08/05/20 0 Analyzed: 08/05/20 1

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.16		8.00		89.5	50-150			

LCS (2032018-BS2)

Prepared: 08/05/20 0 Analyzed: 08/05/20 1

Gasoline Range Organics (C6-C10)	45.6	20.0	50.0		91.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.29		8.00		91.1	50-150			

Matrix Spike (2032018-MS2)

Source: P008005-01

Prepared: 08/05/20 0 Analyzed: 08/05/20 1

Gasoline Range Organics (C6-C10)	43.9	20.0	50.0	ND	87.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		8.00		91.9	50-150			

Matrix Spike Dup (2032018-MSD2)

Source: P008005-01

Prepared: 08/05/20 0 Analyzed: 08/05/20 1

Gasoline Range Organics (C6-C10)	44.8	20.0	50.0	ND	89.6	70-130	2.06	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.22		8.00		90.2	50-150			

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Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: John Charles 2
Project Number: 17065-0017
Project Manager: James McDaniel

Reported:
08/10/20 10:38

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

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	REC % %	REC Limits %	RPD % %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	---------------	--------------------	---------------	-------------------	-------

Blank (2032016-BLK1)

Prepared: 08/05/20 0 Analyzed: 08/05/20 1

Diesel Range Organics (C10-C28)
Oil Range Organics (C28-C40)

ND
ND

25.0
50.0

Surrogate: n-Nonane

45.7

50.0

91.3

50-200

LCS (2032016-BS1)

Prepared: 08/05/20 0 Analyzed: 08/05/20 1

Diesel Range Organics (C10-C28)

439

25.0

500

87.9

38-132

Surrogate: n-Nonane

47.3

50.0

94.6

50-200

Matrix Spike (2032016-MS1)

Source: P007096-01

Prepared: 08/05/20 0 Analyzed: 08/05/20 1

Diesel Range Organics (C10-C28)

2130

125

500

1430

141

38-132

M2

Surrogate: n-Nonane

68.2

50.0

136

50-200

Matrix Spike Dup (2032016-MSD1)

Source: P007096-01

Prepared: 08/05/20 0 Analyzed: 08/05/20 1

Diesel Range Organics (C10-C28)

2030

125

500

1430

120

38-132

5.02

20

Surrogate: n-Nonane

63.9

50.0

128

50-200

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Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: John Charles 2
Project Number: 17065-0017
Project Manager: James McDaniel

Reported:
08/10/20 10:38

Anions by EPA 300.0/9056A - Quality Control

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	REC %	REC Limits %	RPD %	RPD Limit %	Notes
Blank (2032017-BLK1)					Prepared: 08/05/20 0 Analyzed: 08/05/20 1				
Chloride	ND	20.0							
LCS (2032017-BS1)					Prepared: 08/05/20 0 Analyzed: 08/05/20 1				
Chloride	271	20.0	250		108	90-110			
Matrix Spike (2032017-MS1)					Source: P008005-01 Prepared: 08/05/20 0 Analyzed: 08/05/20 1				
Chloride	257	20.0	250	ND	103	80-120			
Matrix Spike Dup (2032017-MSD1)					Source: P008005-01 Prepared: 08/05/20 0 Analyzed: 08/05/20 1				
Chloride	250	20.0	250	ND	100	80-120	2.73	20	

QC Summary Report Comment:

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

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Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: John Charles 2
Project Number: 17065-0017
Project Manager: James McDaniel

Reported:
08/10/20 10:38

Notes and Definitions

M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

** Methods marked with ** are non-accredited methods.

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

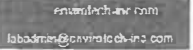
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Project Information

Chain of Custody

Page 1 of 1Page 10 of 10



NRM2024761631

Enduring Resources, LLC
BGT Closure Report
John Charles 2
30-045-0648



PHOTO 1: Visual Confirmation of Release Occurring During BGT Removal



PHOTO 2: Former BGT Location after Removal and Excavation of 6" (7/29/2020)



Enduring Resources, LLC
BGT Closure Report
John Charles 2
30-045-0648

NRM2024761631

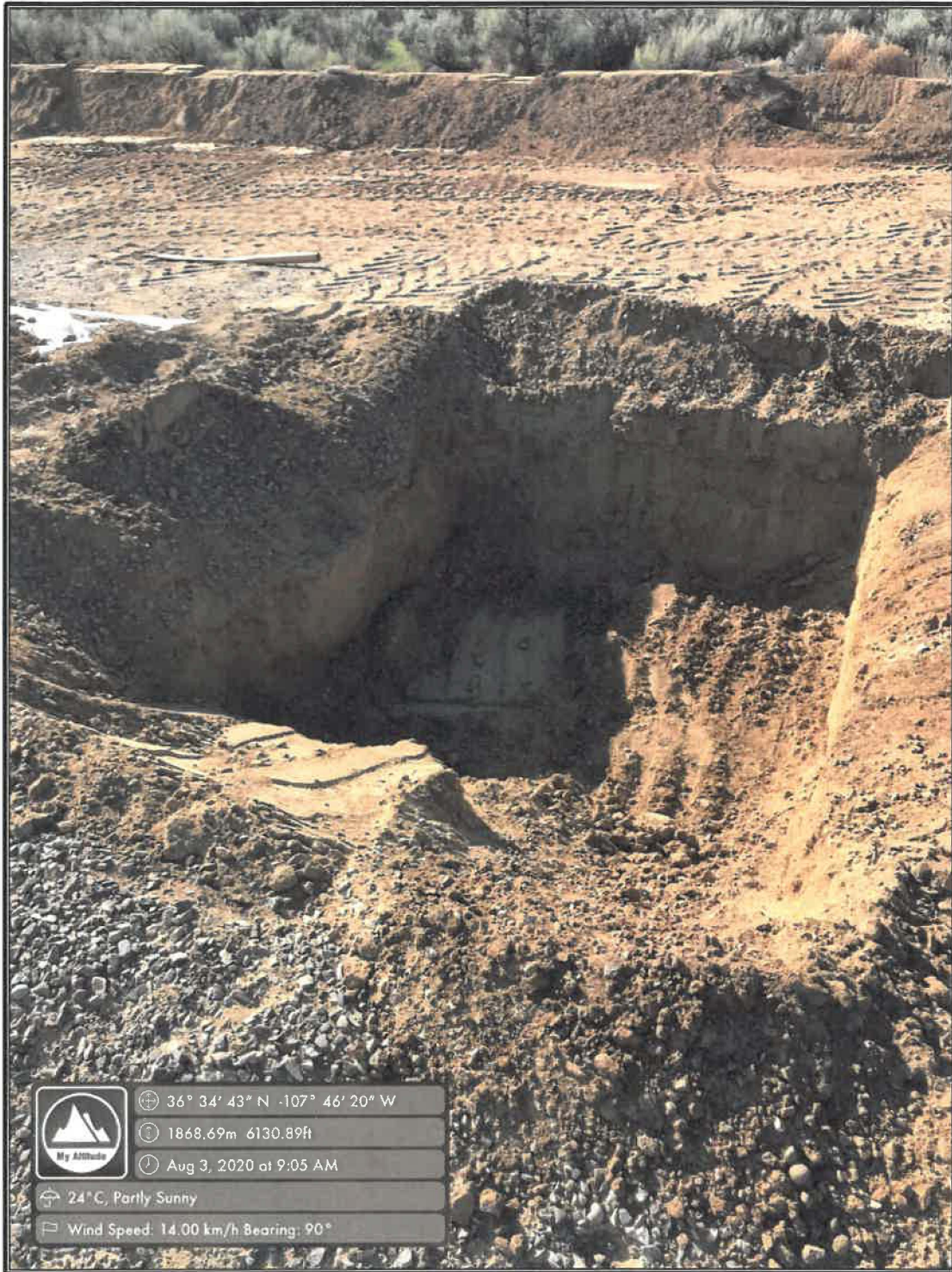


PHOTO 3: Former BGT Location after Additional Excavation during Closure Sampling (8/3/2020)



NRM2024761631

Enduring Resources, LLC
BGT Closure Report
John Charles 2
30-045-0648

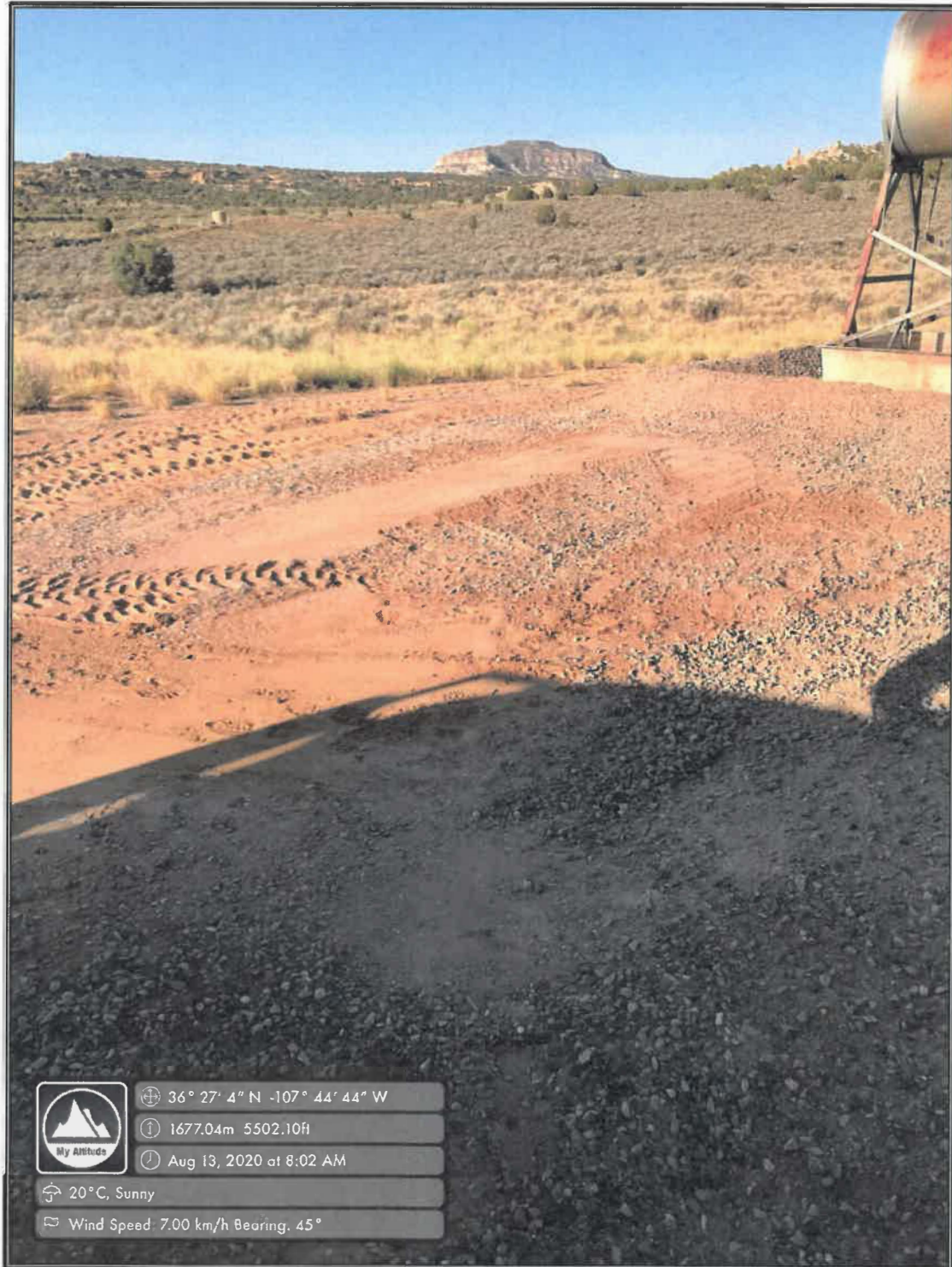


PHOTO 4: BGT Area after Backfill



NRM2024761631

Enduring Resources, LLC
BGT Closure Report
John Charles 2
30-045-0648



PHOTO 5: Aerial Photo of BGT Location