



CLOSURE REPORT

Property:

**Byers 8605 JV-P #001
Lea County, New Mexico
Latitude 32.56091 North, Longitude -103.42183 West**

**New Mexico EMNRD OCD Incident ID No.
nRM1927059983**

May 28, 2024
Charger Services Project No. 94BTAA104

Prepared for:

**BTA Oil Producers, LLC.
104 S. Pecos Street
Midland, Texas 79701**

Prepared by:



Marcus Gipson
Environmental Operations Manager
Charger Services, LLC. | Environmental
23 West | Midland, TX 79701 | chargerservices.com



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Closure Report

1.0 INTRODUCTION

1.1 Site Description, Background and Project Objective

Operator:	BTA Oil Producers, LLC.
Site Name:	Byers 8605 JV-P #001
Incident ID	nRM1927059983
Location:	32.56091° North, -103.42183° West H-23-20S-35E Lea County, New Mexico
Property:	Private
Regulatory:	New Mexico (NM) Energy, Minerals and Natural Resources Department (EMNRD) Oil Conservation Division (OCD)

January 24th Charger Services, LLC performed an initial site assessment that included mapping and taking photographs of the release point and surrounding areas.

February 27th thru March 1st 2024: Manual excavation inside the containment commenced. Material removed from the containment was placed inside a berm with a plastic liner in preparation for hauling to Lea Land disposal.

March 4th-8th: Manual excavation continued inside the containment and the area just to the East of the separation equipment. Both of these areas were being field tested before confirmation samples would be taken for laboratory analysis.

March 11th & 12th Manual excavation continued along with field testing the target zones.

April 16th & 17th: Manual excavation continued to advance the depth of the target zones.

April 24th 2004: Confirmation samples BH6-BH8 were collected and submitted to Eurofins, Midland for analysis.

May 6th 2024: Manual excavation of the target zones continued to a final depth of 45".

May 8th 2024: Confirmation samples BH1-BH5 were collected and submitted to Eurofins, Midland for analysis.

March 17th 2024: The Excavated Material that had been stored inside a berm with a plastic liner was transported to Lea Land disposal. Fresh caliche was also purchased from Lea Land to be used for backfilling the location. Due to mechanical complications backfilling had to be rescheduled for May 20th.

*One of our field I Pads experienced a critical error and we lost all the progress photo data associated with that I Pad.



Closure Report

3.0 STANDARDS OF CARE, LIMITATIONS, AND RELIANCE

3.1 Standard of Care

Chargers services were performed in accordance with standards customarily provided by a firm rendering the same or similar services in the area during the same time period. Charger Services, LLC. makes no warranties, express or implied, as to the services performed hereunder. Additionally, Charger Services, LLC. does not warrant the work of third parties, laboratories, regulatory agencies or other third parties).

3.2 Limitations

Findings, conclusions, and recommendations resulting from these services are based upon information derived from the on-Site activities and other services performed under this scope of work and it should be noted that this information is subject to change over time. Certain indicators of the presence of hazardous substances, petroleum products, or other constituents may have been latent, inaccessible, unobservable, or not present during these services, and Charger Services, LLC. cannot represent that the Site contains no hazardous substances, toxic materials, petroleum products, or other latent conditions beyond those identified during the investigation. Environmental conditions at other areas or portions of the Site may vary from those encountered at actual sample locations. Charger Services, LLC. findings and recommendation are based solely upon data available to Charger Services, LLC. at the time of these services.

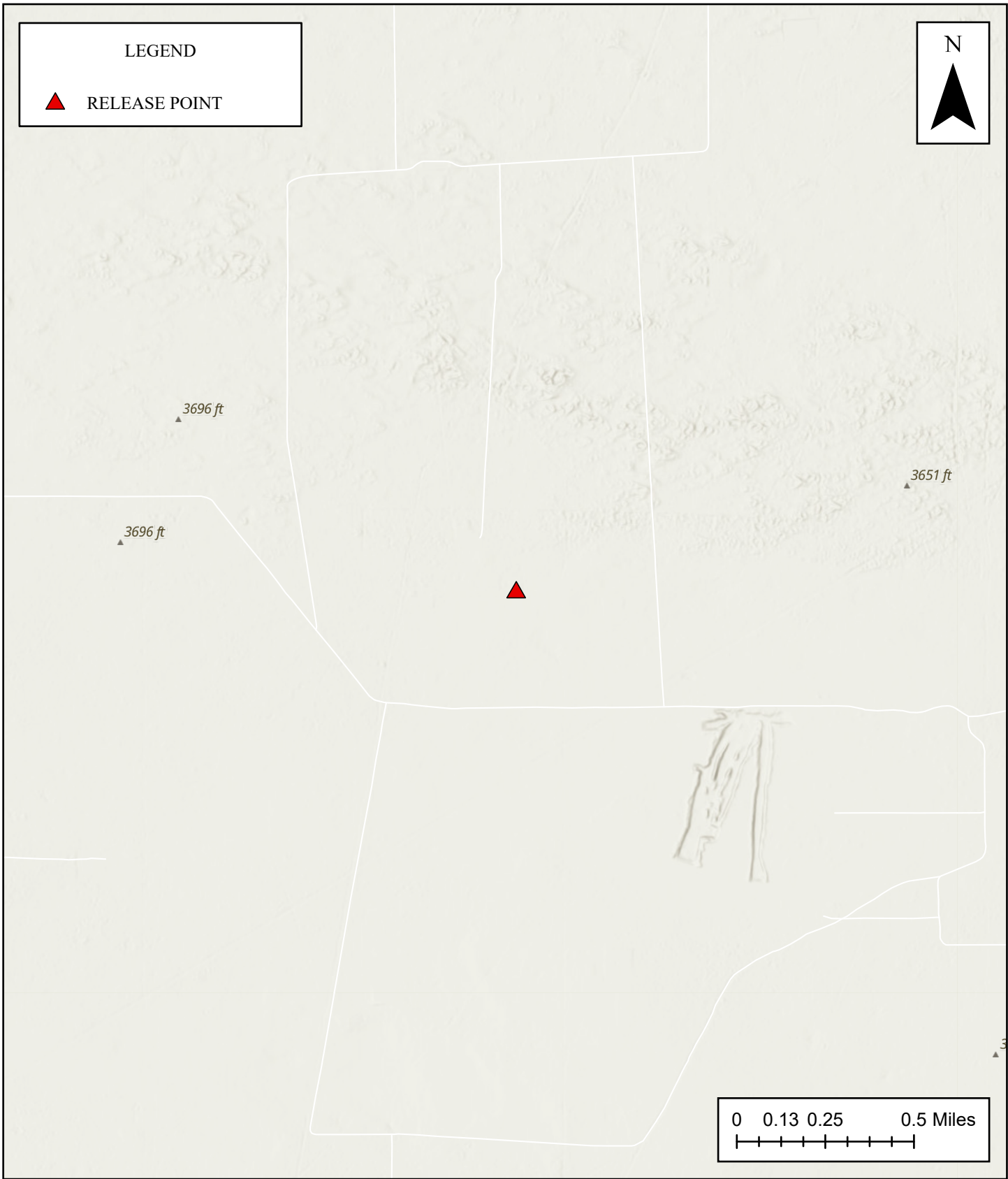
3.3 Reliance


This report has been prepared for the exclusive use of BTA Oil Producers, LLC. and any authorization for use or reliance by any other party (except a governmental entity having jurisdiction over the Site) is prohibited without the express written authorization of BTA Oil Producers, LLC. and Charger Services, LLC. Any unauthorized distribution or reuse is at the client's sole risk. Notwithstanding the foregoing, reliance by authorized parties will be subject to the terms, conditions and limitations stated in the Closure Report, and BTA Oil Producers, LLC. Master Services Agreement. The limitation of liability defined in the agreement is the aggregate limit of Charger Services, LLC. liability to the client.



APPENDIX A

Figures

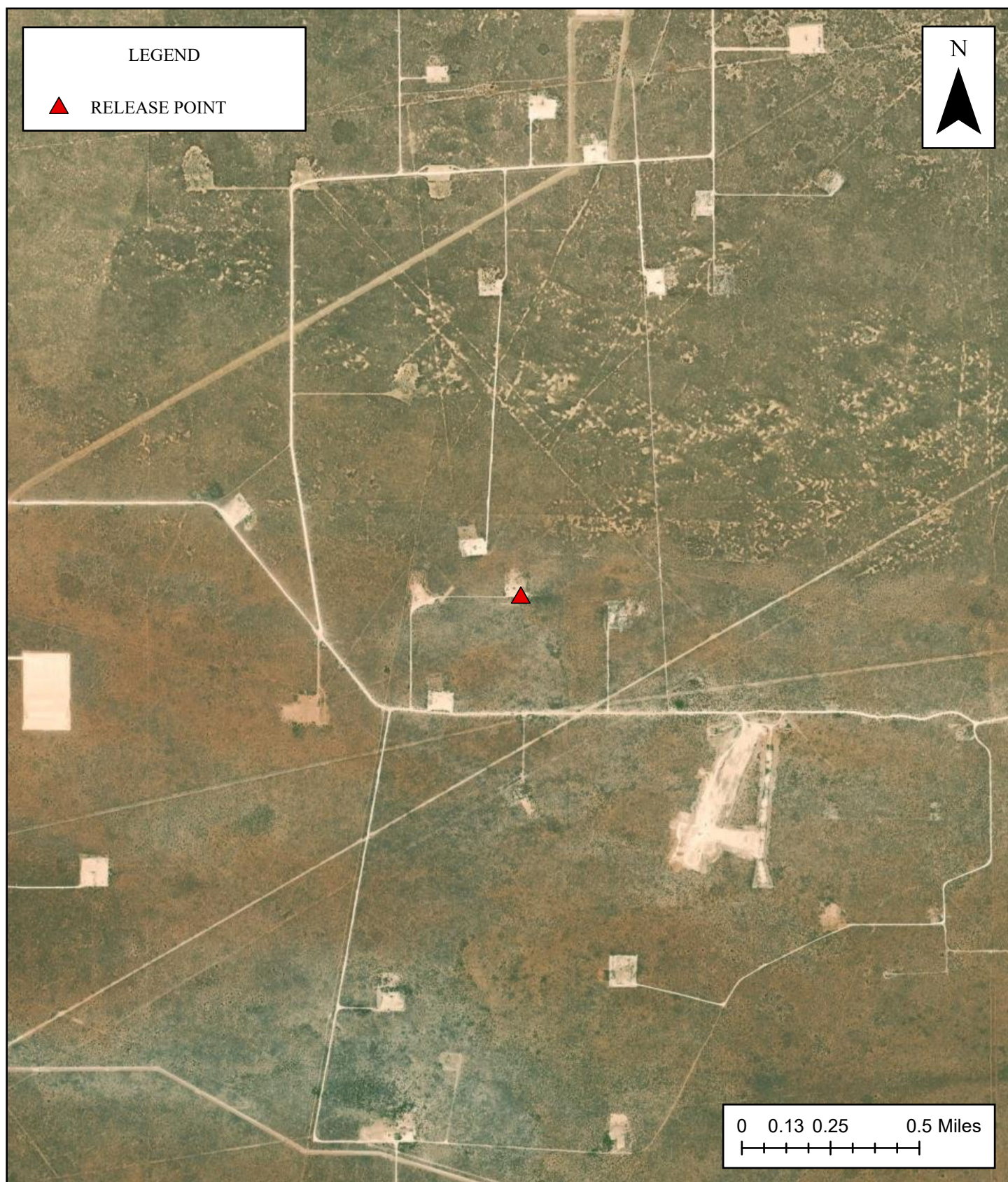




CHARGER
ENVIRONMENTAL

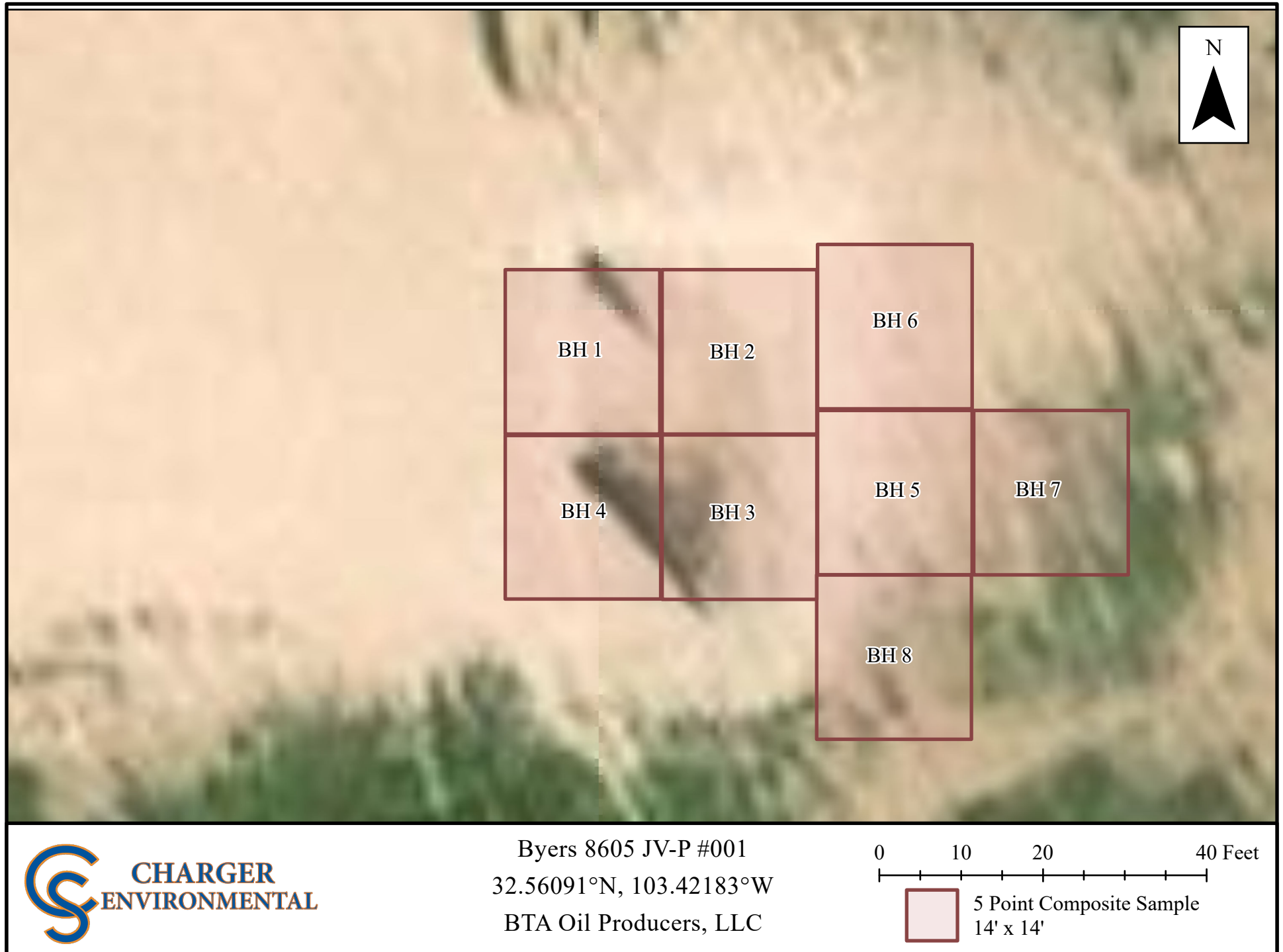
Topographic Map
Byers 8605 JV-P #001
32.56091°N, 103.42183°W
BTA Oil Producers, LLC

Figure 1



Site Vicinity Map
Byers 8605 JV-P #001
32.56091°N, 103.42183°W
BTA Oil Producers, LLC

Figure 2

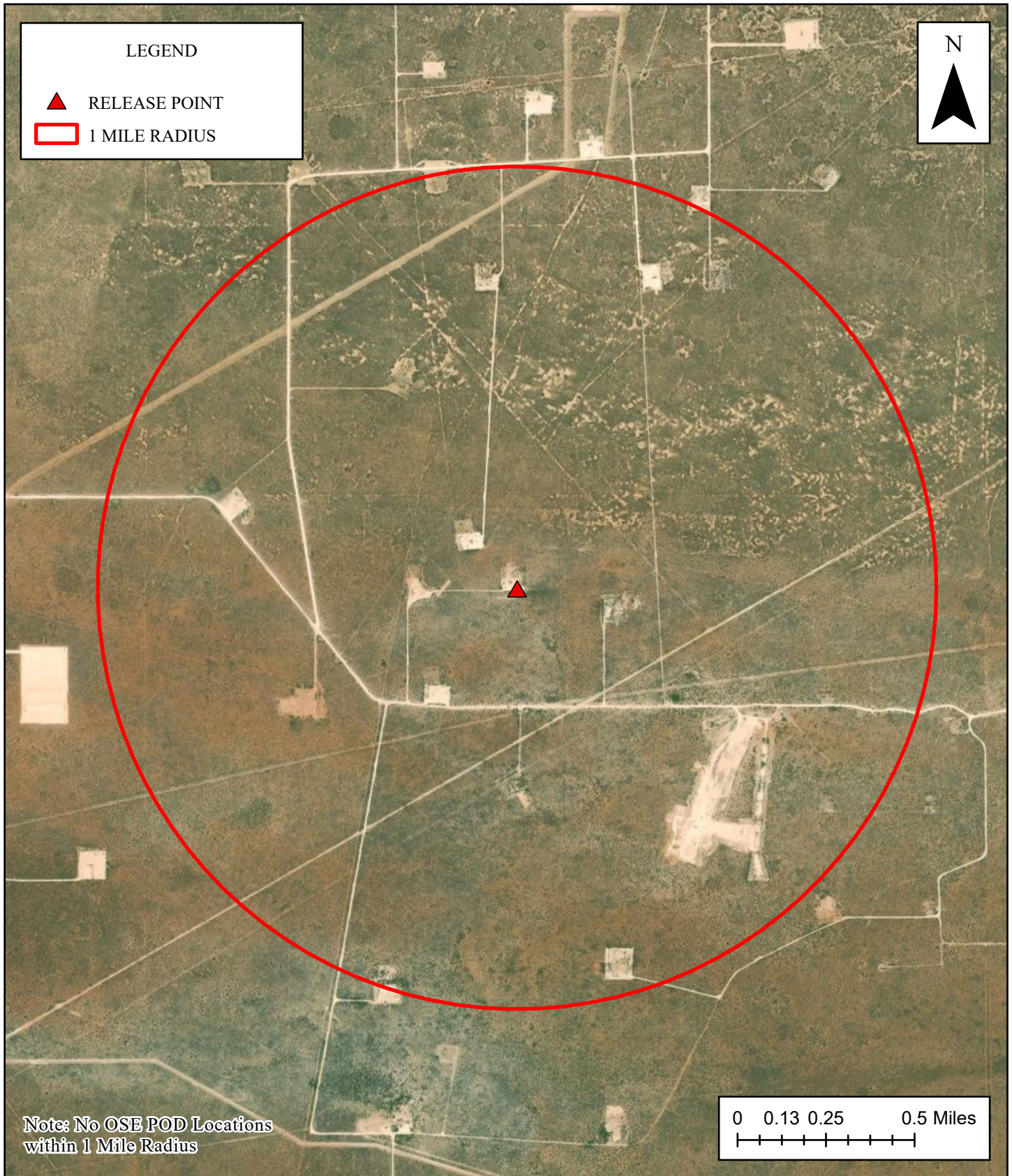




APPENDIX B

Siting Figures

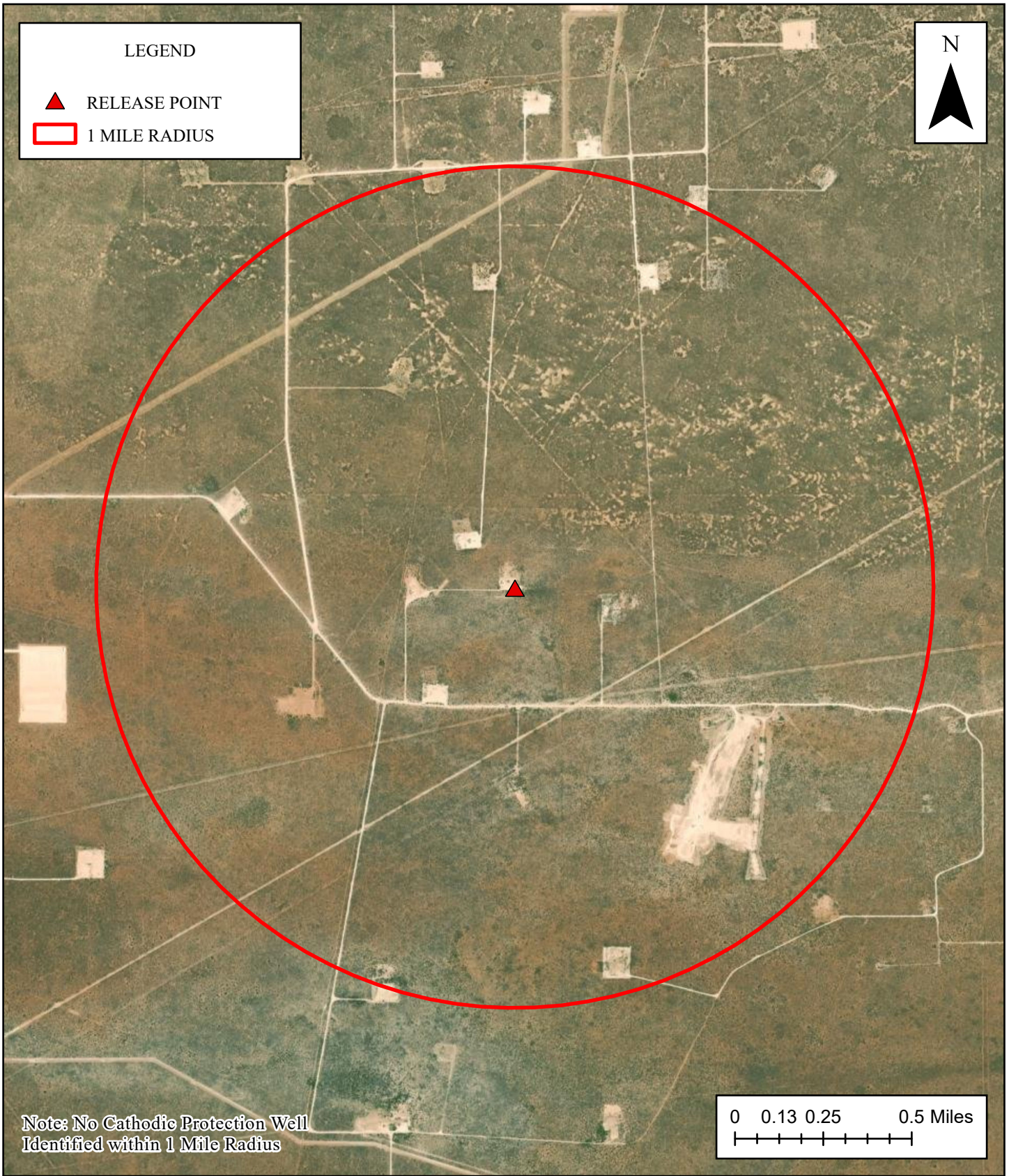
and Documentation




CHARGER ENVIRONMENTAL

1.0 Mile Radius
Water Well/POD Location Map
Byers 8605 JV-P #001
32.56091°N, 103.42183°W
BTA Oil Producers, LLC

Figure A






Cathodic Protection Well
Recorded Depth to Water
Byers 8605 JV-P #001
32.56091°N, 103.42183°W
BTA Oil Producers, LLC

Figure B



 **CHARGER ENVIRONMENTAL**

300 ft Radius Watercourse and
Drainage Identification
Byers 8605 JV-P #001
32.56091°N, 103.42183°W
BTA Oil Producers, LLC

Figure C



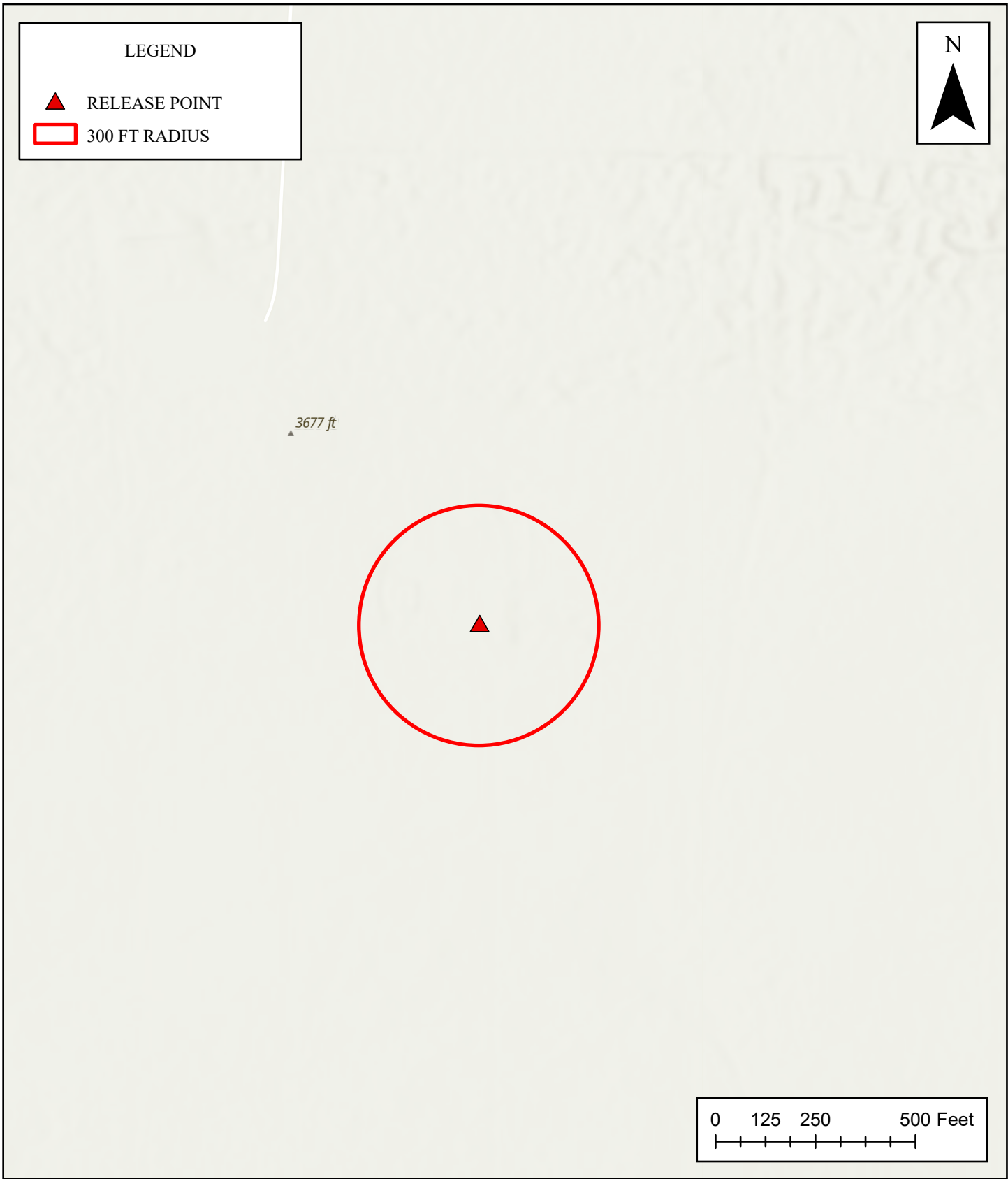
Occupied Structure Identification
Byers 8605 JV-P #001
32.56091°N, 103.42183°W
BTA Oil Producers, LLC


Figure D



Water Well and Natural Spring Location
Byers 8605 JV-P #001
32.56091°N, 103.42183°W
BTA Oil Producers, LLC

Figure E

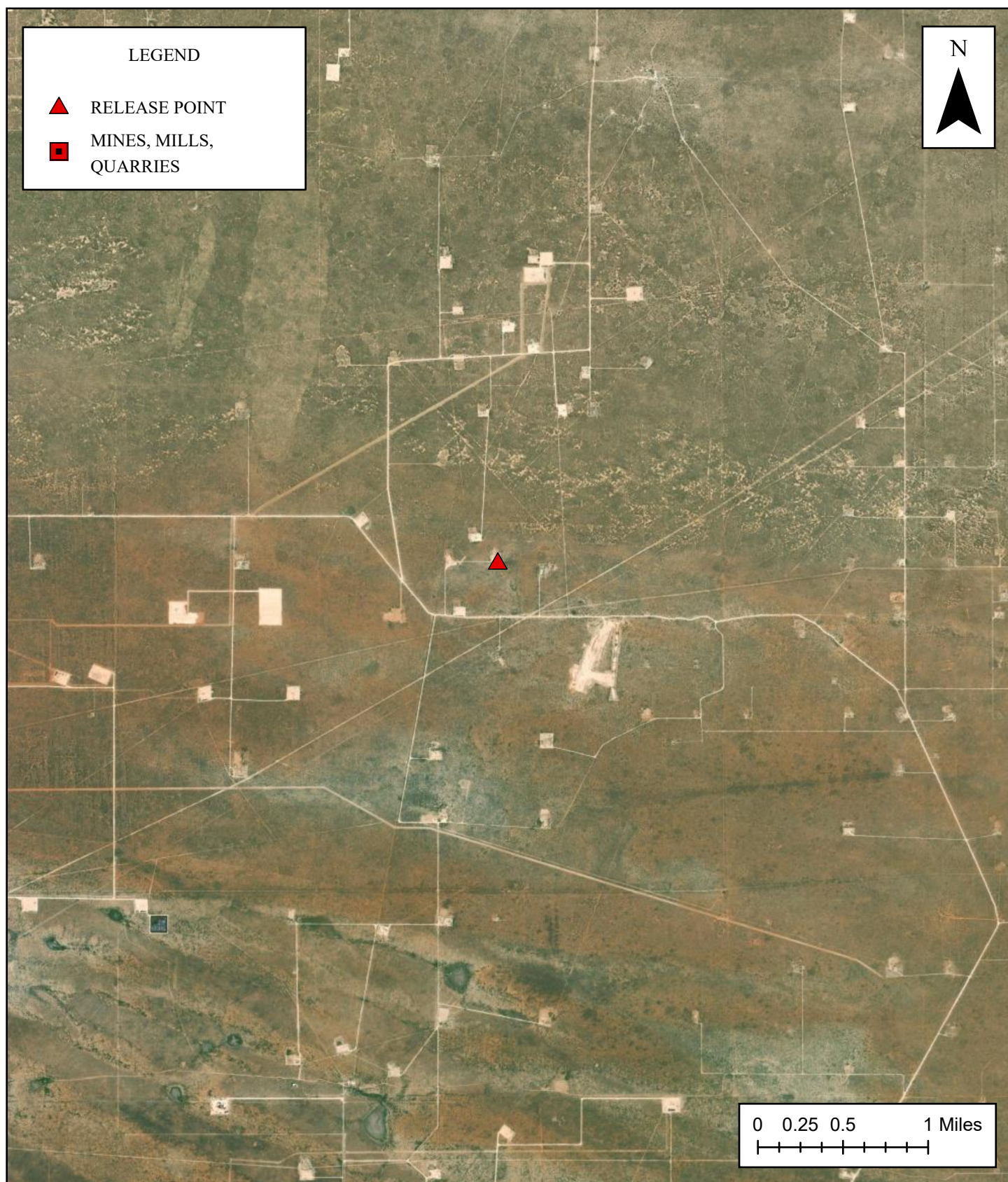




CHARGER
ENVIRONMENTAL

Wetlands
Byers 8605 JV-P #001
32.56091°N, 103.42183°W
BTA Oil Producers, LLC

Figure F



Mines, Mills, Quarries
Byers 8605 JV-P #001
32.56091°N, 103.42183°W
BTA Oil Producers, LLC

Figure G



100 Year Flood Plain Map
Byers 8605 JV-P #001
32.56091°N, 103.42183°W
BTA Oil Producers, LLC

Figure H



APPENDIX C

Photographic Documentation

Charger Services

Photographic Log

Date: 02/27/2024

Byers 8005 JV-P #001

New Mexico



Charger Services

Photographic Log

Date: 02/27/2024

Byers 8005 JV-P #001

New Mexico



Charger Services

Photographic Log

Date: 02/29/2024

Byers 8005 JV-P #001

New Mexico



Charger Services

Photographic Log

Date: 03/01/2024

Byers 8005 JV-P #001

New Mexico



Charger Services

Photographic Log

Date: 03/04/2024

Byers 8005 JV-P #001

New Mexico



Charger Services

Photographic Log

Date: 04/12/2024

Byers 8005 JV-P #001

New Mexico



Charger Services

Photographic Log

Date: 04/12/2024

Byers 8005 JV-P #001

New Mexico



Charger Services

Photographic Log

Date: 04/17/2024

Byers 8005 JV-P #001

New Mexico



Charger Services

Photographic Log

Date: 05/20/2024

Byers 8005 JV-P #001

New Mexico



Charger Services

Photographic Log

Date: 05/20/2024

Byers 8005 JV-P #001

New Mexico





Appendix D

TABLES

Table I
Byers 8005 JV-P #001

Analytical Methods														
			300	BTEX	8021B						8015 NM	8015B NM		
SAMPLE DATE	SAMPLE ID	DEPTH (inches)	CHLORIDE mg/Kg	TOTAL BTEX mg/Kg	BENZENE mg/Kg	TOLUENE mg/Kg	ETHYLBENZENE mg/Kg	m,p XYLENES mg/Kg	o XYLENES mg/Kg	XYLENES TOTAL mg/Kg	TOTAL TPH mg/Kg	C6-C10 mg/Kg	C10-C28 mg/Kg	C28-C36 mg/Kg
05/08/2024	BH 1-004	45"	<5.02	<0.00398	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9
05/08/202	BH 2-004	45"	<4.99	<0.00399	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<49.8	<49.8	<49.8	<49.8
05/08/202	BH 3-004	45"	<5.04	<0.00399	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8
05/08/202	BH 4-004	45"	<4.97	<0.00404	<0.00202	<0.00202	<0.00202	<0.00404	<0.00202	<0.00404	<49.7	<49.7	<49.7	<49.7
05/08/202	BH 5-004	45"	<5.03	<0.00400	<0.00200	<0.00200	<0.00200	<0.00400	<0.00200	<0.00400	<49.7	<49.7	<49.7	<49.7

Table II
Byers 8005 JV-P #001

Analytical Methods														
			300	BTEX	8021B						8015 NM	8015B NM		
SAMPLE DATE	SAMPLE ID	DEPTH (inches)	CHLORIDE mg/Kg	TOTAL BTEX mg/Kg	BENZENE mg/Kg	TOLUENE mg/Kg	ETHYLBENZENE mg/Kg	m,p XYLENES mg/Kg	o XYLENES mg/Kg	XYLENES TOTAL mg/Kg	TOTAL TPH mg/Kg	C6-C10 mg/Kg	C10-C28 mg/Kg	C28-C36 mg/Kg
04/24/2024	BH6-001	0-6"	5.75	<0.00401	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<50.0	<50.0	<50.0	<50.0
04/24/2024	BH7-001	0-6"	<5.03	<0.00402	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<49.8	<49.8	<49.8	<49.8
04/24/2024	BH8-001	0-6"	<5.05	<0.00401	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<49.7	<49.7	<49.7	<49.7



Appendix E

Labratory Date Sheets and Chain of Custody Documentation



Environment Testing

1
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ANALYTICAL REPORT

PREPARED FOR

Attn: Marcus Gipson
Charger Rentals
23 West Industrial Loop
Midland, Texas 79701

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JOB DESCRIPTION

Byers 8605 JV-P #001
ID nRM1927059983

JOB NUMBER

880-43285-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.



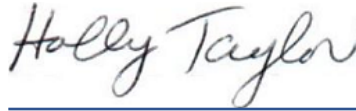
Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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Authorized for release by
Holly Taylor, Project Manager
Holly.Taylor@et.eurofinsus.com
(806)794-1296

Client: Charger Rentals
Project/Site: Byers 8605 JV-P #001

Laboratory Job ID: 880-43285-1
SDG: ID nRM1927059983

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Definitions/Glossary

Client: Charger Rentals
Project/Site: Byers 8605 JV-P #001

Job ID: 880-43285-1
SDG: ID nRM1927059983

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Charger Rentals
Project: Byers 8605 JV-P #001

Job ID: 880-43285-1

Job ID: 880-43285-1

Eurofins Midland

Job Narrative 880-43285-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 5/9/2024 8:53 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.5°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: BH1-004 (880-43285-1), BH2-004 (880-43285-2), BH3-004 (880-43285-3), BH4-004 (880-43285-4) and BH5-004 (880-43285-5).

GC VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-80336 and analytical batch 880-80314 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Midland

Client Sample Results

Client: Charger Rentals
Project/Site: Byers 8605 JV-P #001

Job ID: 880-43285-1
SDG: ID nRM1927059983

Client Sample ID: BH1-004

Lab Sample ID: 880-43285-1

Date Collected: 05/08/24 09:30

Matrix: Solid

Date Received: 05/09/24 08:53

Sample Depth: 45"

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		05/09/24 09:01	05/09/24 19:32	1
Toluene	<0.00199	U	0.00199	mg/Kg		05/09/24 09:01	05/09/24 19:32	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		05/09/24 09:01	05/09/24 19:32	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		05/09/24 09:01	05/09/24 19:32	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		05/09/24 09:01	05/09/24 19:32	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		05/09/24 09:01	05/09/24 19:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130	05/09/24 09:01	05/09/24 19:32	1
1,4-Difluorobenzene (Surr)	100		70 - 130	05/09/24 09:01	05/09/24 19:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			05/09/24 19:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			05/09/24 19:17	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		05/09/24 10:13	05/09/24 19:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U F1	49.9	mg/Kg		05/09/24 10:13	05/09/24 19:17	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		05/09/24 10:13	05/09/24 19:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	77		70 - 130	05/09/24 10:13	05/09/24 19:17	1
o-Terphenyl (Surr)	83		70 - 130	05/09/24 10:13	05/09/24 19:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.02	U	5.02	mg/Kg			05/09/24 21:08	1

Client Sample ID: BH2-004

Lab Sample ID: 880-43285-2

Date Collected: 05/08/24 09:35

Matrix: Solid

Date Received: 05/09/24 08:53

Sample Depth: 45"

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		05/09/24 09:01	05/09/24 19:52	1
Toluene	<0.00200	U	0.00200	mg/Kg		05/09/24 09:01	05/09/24 19:52	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		05/09/24 09:01	05/09/24 19:52	1
m,p-Xylenes	<0.00399	U	0.00399	mg/Kg		05/09/24 09:01	05/09/24 19:52	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		05/09/24 09:01	05/09/24 19:52	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		05/09/24 09:01	05/09/24 19:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130	05/09/24 09:01	05/09/24 19:52	1

Eurofins Midland

Client Sample Results

Client: Charger Rentals
Project/Site: Byers 8605 JV-P #001

Job ID: 880-43285-1
SDG: ID nRM1927059983

Client Sample ID: BH2-004

Lab Sample ID: 880-43285-2

Date Collected: 05/08/24 09:35

Matrix: Solid

Date Received: 05/09/24 08:53

Sample Depth: 45"

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	100		70 - 130	05/09/24 09:01	05/09/24 19:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			05/09/24 19:52	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			05/09/24 20:19	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		05/09/24 10:13	05/09/24 20:19	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		05/09/24 10:13	05/09/24 20:19	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		05/09/24 10:13	05/09/24 20:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	79		70 - 130			05/09/24 10:13	05/09/24 20:19	1
o-Terphenyl (Surr)	86		70 - 130			05/09/24 10:13	05/09/24 20:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99	mg/Kg			05/09/24 21:14	1

Client Sample ID: BH3-004

Lab Sample ID: 880-43285-3

Date Collected: 05/08/24 09:41

Matrix: Solid

Date Received: 05/09/24 08:53

Sample Depth: 45"

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		05/09/24 09:01	05/09/24 20:13	1
Toluene	<0.00199	U	0.00199	mg/Kg		05/09/24 09:01	05/09/24 20:13	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		05/09/24 09:01	05/09/24 20:13	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		05/09/24 09:01	05/09/24 20:13	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		05/09/24 09:01	05/09/24 20:13	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		05/09/24 09:01	05/09/24 20:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130	05/09/24 09:01	05/09/24 20:13	1
1,4-Difluorobenzene (Surr)	100		70 - 130	05/09/24 09:01	05/09/24 20:13	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			05/09/24 20:13	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			05/09/24 20:39	1

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Client Sample Results

Client: Charger Rentals
Project/Site: Byers 8605 JV-P #001

Job ID: 880-43285-1
SDG: ID nRM1927059983

Client Sample ID: BH3-004
Date Collected: 05/08/24 09:41
Date Received: 05/09/24 08:53
Sample Depth: 45"

Lab Sample ID: 880-43285-3
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		05/09/24 10:13	05/09/24 20:39	1	
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		05/09/24 10:13	05/09/24 20:39	1	
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		05/09/24 10:13	05/09/24 20:39	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1-Chlorooctane (Surr)	100		70 - 130			05/09/24 10:13	05/09/24 20:39	1	
o-Terphenyl (Surr)	108		70 - 130			05/09/24 10:13	05/09/24 20:39	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	<5.04	U	5.04	mg/Kg			05/09/24 21:30	1	

Client Sample ID: BH4-004
Date Collected: 05/08/24 09:43
Date Received: 05/09/24 08:53
Sample Depth: 45"

Lab Sample ID: 880-43285-4
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00202	U	0.00202	mg/Kg		05/09/24 08:53	05/09/24 17:41	1	
Toluene	<0.00202	U	0.00202	mg/Kg		05/09/24 08:53	05/09/24 17:41	1	
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		05/09/24 08:53	05/09/24 17:41	1	
m,p-Xylenes	<0.00404	U	0.00404	mg/Kg		05/09/24 08:53	05/09/24 17:41	1	
o-Xylene	<0.00202	U	0.00202	mg/Kg		05/09/24 08:53	05/09/24 17:41	1	
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		05/09/24 08:53	05/09/24 17:41	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	120		70 - 130			05/09/24 08:53	05/09/24 17:41	1	
1,4-Difluorobenzene (Surr)	90		70 - 130			05/09/24 08:53	05/09/24 17:41	1	

Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00404	U	0.00404	mg/Kg			05/09/24 17:41	1	

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.7	U	49.7	mg/Kg			05/09/24 21:00	1	

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7	mg/Kg		05/09/24 10:13	05/09/24 21:00	1	
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7	mg/Kg		05/09/24 10:13	05/09/24 21:00	1	
Oil Range Organics (Over C28-C36)	<49.7	U	49.7	mg/Kg		05/09/24 10:13	05/09/24 21:00	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1-Chlorooctane (Surr)	81		70 - 130			05/09/24 10:13	05/09/24 21:00	1	
o-Terphenyl (Surr)	88		70 - 130			05/09/24 10:13	05/09/24 21:00	1	

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Client Sample Results

Client: Charger Rentals
Project/Site: Byers 8605 JV-P #001

Job ID: 880-43285-1
SDG: ID nRM1927059983

Client Sample ID: BH4-004

Lab Sample ID: 880-43285-4

Date Collected: 05/08/24 09:43

Matrix: Solid

Date Received: 05/09/24 08:53

Sample Depth: 45"

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.97	U	4.97	mg/Kg			05/09/24 21:36	1

Client Sample ID: BH5-004

Lab Sample ID: 880-43285-5

Date Collected: 05/08/24 09:48

Matrix: Solid

Date Received: 05/09/24 08:53

Sample Depth: 45"

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		05/09/24 10:00	05/09/24 18:48	1
Toluene	<0.00200	U	0.00200	mg/Kg		05/09/24 10:00	05/09/24 18:48	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		05/09/24 10:00	05/09/24 18:48	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		05/09/24 10:00	05/09/24 18:48	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		05/09/24 10:00	05/09/24 18:48	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		05/09/24 10:00	05/09/24 18:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	05/09/24 10:00	05/09/24 18:48	1
1,4-Difluorobenzene (Surr)	102		70 - 130	05/09/24 10:00	05/09/24 18:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			05/09/24 18:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7	mg/Kg			05/09/24 21:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7	mg/Kg		05/09/24 10:13	05/09/24 21:20	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7	mg/Kg		05/09/24 10:13	05/09/24 21:20	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7	mg/Kg		05/09/24 10:13	05/09/24 21:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130	05/09/24 10:13	05/09/24 21:20	1
o-Terphenyl (Surr)	114		70 - 130	05/09/24 10:13	05/09/24 21:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.03	U	5.03	mg/Kg			05/09/24 21:41	1

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Surrogate Summary

Client: Charger Rentals
Project/Site: Byers 8605 JV-P #001

Job ID: 880-43285-1
SDG: ID nRM1927059983

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
880-43285-1	BH1-004	129	100
880-43285-2	BH2-004	128	100
880-43285-3	BH3-004	128	100
880-43285-4	BH4-004	120	90
880-43285-5	BH5-004	103	102
LCS 880-80327/1-A	Lab Control Sample	113	98
LCS 880-80328/1-A	Lab Control Sample	109	100
LCS 880-80329/1-A	Lab Control Sample	120	98
LCSD 880-80327/2-A	Lab Control Sample Dup	114	99
LCSD 880-80328/2-A	Lab Control Sample Dup	105	100
LCSD 880-80329/2-A	Lab Control Sample Dup	119	98
MB 880-80327/5-A	Method Blank	114	90
MB 880-80328/5-A	Method Blank	79	95
MB 880-80329/5-A	Method Blank	122	97

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	1CO1	OTPH1
		(70-130)	(70-130)
880-43285-1	BH1-004	77	83
880-43285-1 MS	BH1-004	89	88
880-43285-1 MSD	BH1-004	98	96
880-43285-2	BH2-004	79	86
880-43285-3	BH3-004	100	108
880-43285-4	BH4-004	81	88
880-43285-5	BH5-004	106	114
LCS 880-80336/2-A	Lab Control Sample	92	86
LCSD 880-80336/3-A	Lab Control Sample Dup	105	96
MB 880-80336/1-A	Method Blank	103	109

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Charger Rentals
Project/Site: Byers 8605 JV-P #001

Job ID: 880-43285-1
SDG: ID nRM1927059983

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-80327/5-A

Matrix: Solid

Analysis Batch: 80320

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 80327

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		05/09/24 08:53	05/09/24 11:21	1
Toluene	<0.00200	U	0.00200	mg/Kg		05/09/24 08:53	05/09/24 11:21	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		05/09/24 08:53	05/09/24 11:21	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		05/09/24 08:53	05/09/24 11:21	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		05/09/24 08:53	05/09/24 11:21	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		05/09/24 08:53	05/09/24 11:21	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	05/09/24 08:53	05/09/24 11:21	1
1,4-Difluorobenzene (Surr)	90		70 - 130	05/09/24 08:53	05/09/24 11:21	1

Lab Sample ID: LCS 880-80327/1-A

Matrix: Solid

Analysis Batch: 80320

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 80327

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1008		mg/Kg		101	70 - 130
Toluene	0.100	0.09876		mg/Kg		99	70 - 130
Ethylbenzene	0.100	0.09847		mg/Kg		98	70 - 130
m,p-Xylenes	0.200	0.2037		mg/Kg		102	70 - 130
o-Xylene	0.100	0.1024		mg/Kg		102	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: LCSD 880-80327/2-A

Matrix: Solid

Analysis Batch: 80320

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 80327

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1093		mg/Kg		109	70 - 130	8	35
Toluene	0.100	0.1067		mg/Kg		107	70 - 130	8	35
Ethylbenzene	0.100	0.1072		mg/Kg		107	70 - 130	9	35
m,p-Xylenes	0.200	0.2210		mg/Kg		111	70 - 130	8	35
o-Xylene	0.100	0.1105		mg/Kg		110	70 - 130	8	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-80328/5-A

Matrix: Solid

Analysis Batch: 80319

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 80328

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		05/09/24 08:57	05/09/24 11:28	1
Toluene	<0.00200	U	0.00200	mg/Kg		05/09/24 08:57	05/09/24 11:28	1

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QC Sample Results

Client: Charger Rentals
Project/Site: Byers 8605 JV-P #001

Job ID: 880-43285-1
SDG: ID nRM1927059983

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-80328/5-A

Matrix: Solid

Analysis Batch: 80319

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 80328

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		05/09/24 08:57	05/09/24 11:28	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		05/09/24 08:57	05/09/24 11:28	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		05/09/24 08:57	05/09/24 11:28	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		05/09/24 08:57	05/09/24 11:28	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		70 - 130	05/09/24 08:57	05/09/24 11:28	1
1,4-Difluorobenzene (Surr)	95		70 - 130	05/09/24 08:57	05/09/24 11:28	1

Lab Sample ID: LCS 880-80328/1-A

Matrix: Solid

Analysis Batch: 80319

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 80328

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09438		mg/Kg		94	70 - 130
Toluene	0.100	0.09950		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.09959		mg/Kg		100	70 - 130
m,p-Xylenes	0.200	0.2016		mg/Kg		101	70 - 130
o-Xylene	0.100	0.1010		mg/Kg		101	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-80328/2-A

Matrix: Solid

Analysis Batch: 80319

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 80328

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08898		mg/Kg		89	70 - 130	6	35
Toluene	0.100	0.09331		mg/Kg		93	70 - 130	6	35
Ethylbenzene	0.100	0.09380		mg/Kg		94	70 - 130	6	35
m,p-Xylenes	0.200	0.1896		mg/Kg		95	70 - 130	6	35
o-Xylene	0.100	0.09562		mg/Kg		96	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: MB 880-80329/5-A

Matrix: Solid

Analysis Batch: 80322

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 80329

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		05/09/24 09:01	05/09/24 11:30	1
Toluene	<0.00200	U	0.00200	mg/Kg		05/09/24 09:01	05/09/24 11:30	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		05/09/24 09:01	05/09/24 11:30	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		05/09/24 09:01	05/09/24 11:30	1

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QC Sample Results

Client: Charger Rentals
Project/Site: Byers 8605 JV-P #001

Job ID: 880-43285-1
SDG: ID nRM1927059983

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-80329/5-A						Client Sample ID: Method Blank			
Matrix: Solid						Prep Type: Total/NA			
Analysis Batch: 80322						Prep Batch: 80329			
Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
o-Xylene	<0.00200	U	0.00200	mg/Kg		05/09/24 09:01	05/09/24 11:30	1	
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		05/09/24 09:01	05/09/24 11:30	1	
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	122		70 - 130			05/09/24 09:01	05/09/24 11:30	1	
1,4-Difluorobenzene (Surr)	97		70 - 130			05/09/24 09:01	05/09/24 11:30	1	

Lab Sample ID: LCS 880-80329/1-A					Client Sample ID: Lab Control Sample				
Matrix: Solid					Prep Type: Total/NA				
Analysis Batch: 80322					Prep Batch: 80329				
Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
	Benzene		0.100	0.08631		mg/Kg		86	70 - 130
	Toluene		0.100	0.08698		mg/Kg		87	70 - 130
	Ethylbenzene		0.100	0.08918		mg/Kg		89	70 - 130
	m,p-Xylenes		0.200	0.1871		mg/Kg		94	70 - 130
	o-Xylene		0.100	0.09486		mg/Kg		95	70 - 130
Surrogate		LCS %Recovery	LCS Qualifier	Limits					
4-Bromofluorobenzene (Surr)		120		70 - 130					
1,4-Difluorobenzene (Surr)		98		70 - 130					

Lab Sample ID: LCSD 880-80329/2-A						Client Sample ID: Lab Control Sample Dup			
Matrix: Solid						Prep Type: Total/NA			
Analysis Batch: 80322						Prep Batch: 80329			
Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.09666		mg/Kg		97	70 - 130	11	35
Toluene	0.100	0.09737		mg/Kg		97	70 - 130	11	35
Ethylbenzene	0.100	0.1000		mg/Kg		100	70 - 130	11	35
m,p-Xylenes	0.200	0.2093		mg/Kg		105	70 - 130	11	35
o-Xylene	0.100	0.1052		mg/Kg		105	70 - 130	10	35
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	119		70 - 130						
1,4-Difluorobenzene (Surr)	98		70 - 130						

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-80336/1-A						Client Sample ID: Method Blank			
Matrix: Solid						Prep Type: Total/NA			
Analysis Batch: 80314						Prep Batch: 80336			
Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		05/09/24 10:13	05/09/24 18:15	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		05/09/24 10:13	05/09/24 18:15	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		05/09/24 10:13	05/09/24 18:15	1	

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QC Sample Results

Client: Charger Rentals
Project/Site: Byers 8605 JV-P #001

Job ID: 880-43285-1
SDG: ID nRM1927059983

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	103		70 - 130	05/09/24 10:13	05/09/24 18:15	1
o-Terphenyl (Surr)	109		70 - 130	05/09/24 10:13	05/09/24 18:15	1

Lab Sample ID: LCS 880-80336/2-A

Matrix: Solid

Analysis Batch: 80314

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 80336

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	979.8		mg/Kg		98	70 - 130
Diesel Range Organics (Over C10-C28)	1000	924.5		mg/Kg		92	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	92		70 - 130
o-Terphenyl (Surr)	86		70 - 130

Lab Sample ID: LCSD 880-80336/3-A

Matrix: Solid

Analysis Batch: 80314

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 80336

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1054		mg/Kg		105	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	1000	1029		mg/Kg		103	70 - 130	11	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	105		70 - 130
o-Terphenyl (Surr)	96		70 - 130

Lab Sample ID: 880-43285-1 MS

Matrix: Solid

Analysis Batch: 80314

Client Sample ID: BH1-004

Prep Type: Total/NA

Prep Batch: 80336

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	995	983.7		mg/Kg		97	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U F1	995	501.5	F1	mg/Kg		48	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	89		70 - 130
o-Terphenyl (Surr)	88		70 - 130

Lab Sample ID: 880-43285-1 MSD

Matrix: Solid

Analysis Batch: 80314

Client Sample ID: BH1-004

Prep Type: Total/NA

Prep Batch: 80336

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	995	1068		mg/Kg		105	70 - 130	8	20

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QC Sample Results

Client: Charger Rentals
Project/Site: Byers 8605 JV-P #001

Job ID: 880-43285-1
SDG: ID nRM1927059983

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-43285-1 MSD						Client Sample ID: BH1-004					
Matrix: Solid						Prep Type: Total/NA					
Analysis Batch: 80314						Prep Batch: 80336					
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics (Over C10-C28)	<49.9	U F1	995	554.6	F1	mg/Kg		54	70 - 130	10	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane (Surr)	98		70 - 130								
o-Terphenyl (Surr)	96		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-80359/1-A						Client Sample ID: Method Blank					
Matrix: Solid						Prep Type: Soluble					
Analysis Batch: 80363											
Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac			
Chloride	<5.00	U	5.00	mg/Kg			05/09/24 19:20	1			
Lab Sample ID: LCS 880-80359/2-A						Client Sample ID: Lab Control Sample					
Matrix: Solid						Prep Type: Soluble					
Analysis Batch: 80363											
Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	255.6		mg/Kg		102	90 - 110		
Lab Sample ID: LCSD 880-80359/3-A						Client Sample ID: Lab Control Sample Dup					
Matrix: Solid						Prep Type: Soluble					
Analysis Batch: 80363											
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	255.7		mg/Kg		102	90 - 110	0	20

QC Association Summary

Client: Charger Rentals
Project/Site: Byers 8605 JV-P #001

Job ID: 880-43285-1
SDG: ID nRM1927059983

GC VOA

Analysis Batch: 80319

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-43285-5	BH5-004	Total/NA	Solid	8021B	80328
MB 880-80328/5-A	Method Blank	Total/NA	Solid	8021B	80328
LCS 880-80328/1-A	Lab Control Sample	Total/NA	Solid	8021B	80328
LCSD 880-80328/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	80328

Analysis Batch: 80320

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-43285-4	BH4-004	Total/NA	Solid	8021B	80327
MB 880-80327/5-A	Method Blank	Total/NA	Solid	8021B	80327
LCS 880-80327/1-A	Lab Control Sample	Total/NA	Solid	8021B	80327
LCSD 880-80327/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	80327

Analysis Batch: 80322

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-43285-1	BH1-004	Total/NA	Solid	8021B	80329
880-43285-2	BH2-004	Total/NA	Solid	8021B	80329
880-43285-3	BH3-004	Total/NA	Solid	8021B	80329
MB 880-80329/5-A	Method Blank	Total/NA	Solid	8021B	80329
LCS 880-80329/1-A	Lab Control Sample	Total/NA	Solid	8021B	80329
LCSD 880-80329/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	80329

Prep Batch: 80327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-43285-4	BH4-004	Total/NA	Solid	5035	
MB 880-80327/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-80327/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-80327/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 80328

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-43285-5	BH5-004	Total/NA	Solid	5035	
MB 880-80328/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-80328/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-80328/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 80329

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-43285-1	BH1-004	Total/NA	Solid	5035	
880-43285-2	BH2-004	Total/NA	Solid	5035	
880-43285-3	BH3-004	Total/NA	Solid	5035	
MB 880-80329/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-80329/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-80329/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 80403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-43285-1	BH1-004	Total/NA	Solid	Total BTEX	
880-43285-2	BH2-004	Total/NA	Solid	Total BTEX	
880-43285-3	BH3-004	Total/NA	Solid	Total BTEX	
880-43285-4	BH4-004	Total/NA	Solid	Total BTEX	
880-43285-5	BH5-004	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Charger Rentals
Project/Site: Byers 8605 JV-P #001

Job ID: 880-43285-1
SDG: ID nRM1927059983

GC Semi VOA

Analysis Batch: 80314

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-43285-1	BH1-004	Total/NA	Solid	8015B NM	80336
880-43285-2	BH2-004	Total/NA	Solid	8015B NM	80336
880-43285-3	BH3-004	Total/NA	Solid	8015B NM	80336
880-43285-4	BH4-004	Total/NA	Solid	8015B NM	80336
880-43285-5	BH5-004	Total/NA	Solid	8015B NM	80336
MB 880-80336/1-A	Method Blank	Total/NA	Solid	8015B NM	80336
LCS 880-80336/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	80336
LCSD 880-80336/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	80336
880-43285-1 MS	BH1-004	Total/NA	Solid	8015B NM	80336
880-43285-1 MSD	BH1-004	Total/NA	Solid	8015B NM	80336

Prep Batch: 80336

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-43285-1	BH1-004	Total/NA	Solid	8015NM Prep	
880-43285-2	BH2-004	Total/NA	Solid	8015NM Prep	
880-43285-3	BH3-004	Total/NA	Solid	8015NM Prep	
880-43285-4	BH4-004	Total/NA	Solid	8015NM Prep	
880-43285-5	BH5-004	Total/NA	Solid	8015NM Prep	
MB 880-80336/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-80336/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-80336/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-43285-1 MS	BH1-004	Total/NA	Solid	8015NM Prep	
880-43285-1 MSD	BH1-004	Total/NA	Solid	8015NM Prep	

Analysis Batch: 80450

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-43285-1	BH1-004	Total/NA	Solid	8015 NM	
880-43285-2	BH2-004	Total/NA	Solid	8015 NM	
880-43285-3	BH3-004	Total/NA	Solid	8015 NM	
880-43285-4	BH4-004	Total/NA	Solid	8015 NM	
880-43285-5	BH5-004	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 80359

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-43285-1	BH1-004	Soluble	Solid	DI Leach	
880-43285-2	BH2-004	Soluble	Solid	DI Leach	
880-43285-3	BH3-004	Soluble	Solid	DI Leach	
880-43285-4	BH4-004	Soluble	Solid	DI Leach	
880-43285-5	BH5-004	Soluble	Solid	DI Leach	
MB 880-80359/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-80359/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-80359/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 80363

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-43285-1	BH1-004	Soluble	Solid	300.0	80359
880-43285-2	BH2-004	Soluble	Solid	300.0	80359
880-43285-3	BH3-004	Soluble	Solid	300.0	80359
880-43285-4	BH4-004	Soluble	Solid	300.0	80359

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QC Association Summary

Client: Charger Rentals
Project/Site: Byers 8605 JV-P #001

Job ID: 880-43285-1
SDG: ID nRM1927059983

HPLC/IC (Continued)

Analysis Batch: 80363 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-43285-5	BH5-004	Soluble	Solid	300.0	80359
MB 880-80359/1-A	Method Blank	Soluble	Solid	300.0	80359
LCS 880-80359/2-A	Lab Control Sample	Soluble	Solid	300.0	80359
LCSD 880-80359/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	80359

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Lab Chronicle

Client: Charger Rentals
Project/Site: Byers 8605 JV-P #001

Job ID: 880-43285-1
SDG: ID nRM1927059983

Client Sample ID: BH1-004
Date Collected: 05/08/24 09:30
Date Received: 05/09/24 08:53

Lab Sample ID: 880-43285-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	80329	05/09/24 09:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	80322	05/09/24 19:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			80403	05/09/24 19:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			80450	05/09/24 19:17	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	80336	05/09/24 10:13	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	80314	05/09/24 19:17	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	80359	05/09/24 13:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	80363	05/09/24 21:08	SMC	EET MID

Client Sample ID: BH2-004
Date Collected: 05/08/24 09:35
Date Received: 05/09/24 08:53

Lab Sample ID: 880-43285-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	80329	05/09/24 09:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	80322	05/09/24 19:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			80403	05/09/24 19:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			80450	05/09/24 20:19	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	80336	05/09/24 10:13	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	80314	05/09/24 20:19	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	80359	05/09/24 13:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	80363	05/09/24 21:14	SMC	EET MID

Client Sample ID: BH3-004
Date Collected: 05/08/24 09:41
Date Received: 05/09/24 08:53

Lab Sample ID: 880-43285-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	80329	05/09/24 09:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	80322	05/09/24 20:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			80403	05/09/24 20:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			80450	05/09/24 20:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	80336	05/09/24 10:13	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	80314	05/09/24 20:39	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	80359	05/09/24 13:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	80363	05/09/24 21:30	SMC	EET MID

Client Sample ID: BH4-004
Date Collected: 05/08/24 09:43
Date Received: 05/09/24 08:53

Lab Sample ID: 880-43285-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	80327	05/09/24 08:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	80320	05/09/24 17:41	SM	EET MID
Total/NA	Analysis	Total BTEX		1			80403	05/09/24 17:41	SM	EET MID

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Lab Chronicle

Client: Charger Rentals
Project/Site: Byers 8605 JV-P #001

Job ID: 880-43285-1
SDG: ID nRM1927059983

Client Sample ID: BH4-004
Date Collected: 05/08/24 09:43
Date Received: 05/09/24 08:53

Lab Sample ID: 880-43285-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			80450	05/09/24 21:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	80336	05/09/24 10:13	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	80314	05/09/24 21:00	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	80359	05/09/24 13:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	80363	05/09/24 21:36	SMC	EET MID

Client Sample ID: BH5-004
Date Collected: 05/08/24 09:48
Date Received: 05/09/24 08:53

Lab Sample ID: 880-43285-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	80328	05/09/24 10:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	80319	05/09/24 18:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			80403	05/09/24 18:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			80450	05/09/24 21:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	80336	05/09/24 10:13	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	80314	05/09/24 21:20	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	80359	05/09/24 13:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	80363	05/09/24 21:41	SMC	EET MID

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Charger Rentals
Project/Site: Byers 8605 JV-P #001

Job ID: 880-43285-1
SDG: ID nRM1927059983

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-23-26	06-30-24
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Charger Rentals
Project/Site: Byers 8605 JV-P #001

Job ID: 880-43285-1
SDG: ID nRM1927059983

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:
ASTM = ASTM International
EPA = US Environmental Protection Agency
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Charger Rentals
Project/Site: Byers 8605 JV-P #001

Job ID: 880-43285-1
SDG: ID nRM1927059983

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-43285-1	BH1-004	Solid	05/08/24 09:30	05/09/24 08:53	45"
880-43285-2	BH2-004	Solid	05/08/24 09:35	05/09/24 08:53	45"
880-43285-3	BH3-004	Solid	05/08/24 09:41	05/09/24 08:53	45"
880-43285-4	BH4-004	Solid	05/08/24 09:43	05/09/24 08:53	45"
880-43285-5	BH5-004	Solid	05/08/24 09:48	05/09/24 08:53	45"

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Login Sample Receipt Checklist

Client: Charger Rentals

Job Number: 880-43285-1
SDG Number: ID nRM1927059983

Login Number: 43285
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Marcus Gipson
Charger Rentals
23 West Industrial Loop
Midland, Texas 79701

Generated 4/30/2024 8:09:22 PM

JOB DESCRIPTION

Byers 8605 JV-P #001
ID nRM1927059983

JOB NUMBER

880-42771-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

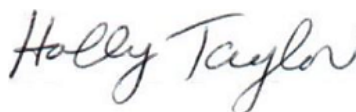
Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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Authorized for release by
Holly Taylor, Project Manager
Holly.Taylor@et.eurofinsus.com
(806)794-1296

Client: Charger Rentals
Project/Site: Byers 8605 JV-P #001

Laboratory Job ID: 880-42771-1
SDG: ID nRM1927059983

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Definitions/Glossary

Client: Charger Rentals
Project/Site: Byers 8605 JV-P #001

Job ID: 880-42771-1
SDG: ID nRM1927059983

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
⬤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Charger Rentals
Project: Byers 8605 JV-P #001

Job ID: 880-42771-1

Job ID: 880-42771-1

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Job Narrative 880-42771-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 4/26/2024 12:08 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 15.1°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: BH6-001 (880-42771-1), BH7-001 (880-42771-2) and BH8-001 (880-42771-3).

The following samples were received at the laboratory outside the required temperature criteria: BH6-001 (880-42771-1), BH7-001 (880-42771-2) and BH8-001 (880-42771-3). There was no cooling media present in the cooler. The client was contacted regarding this issue, and the laboratory was instructed to <CHOOSE_ONE> proceed with analysis

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-79509 and 880-79530 and analytical batch 880-79486 was outside the control limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-79530 and analytical batch 880-79486 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: Charger Rentals
Project/Site: Byers 8605 JV-P #001

Job ID: 880-42771-1
SDG: ID nRM1927059983

Client Sample ID: BH6-001

Lab Sample ID: 880-42771-1

Date Collected: 04/24/24 09:15

Matrix: Solid

Date Received: 04/26/24 12:08

Sample Depth: 0-6"

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/29/24 11:54	04/30/24 08:40	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/29/24 11:54	04/30/24 08:40	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/29/24 11:54	04/30/24 08:40	1
m,p-Xylenes	<0.00401	U	0.00401	mg/Kg		04/29/24 11:54	04/30/24 08:40	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/29/24 11:54	04/30/24 08:40	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		04/29/24 11:54	04/30/24 08:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	04/29/24 11:54	04/30/24 08:40	1
1,4-Difluorobenzene (Surr)	92		70 - 130	04/29/24 11:54	04/30/24 08:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			04/30/24 08:40	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			04/27/24 19:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/26/24 17:12	04/27/24 19:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/26/24 17:12	04/27/24 19:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/26/24 17:12	04/27/24 19:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	95		70 - 130	04/26/24 17:12	04/27/24 19:23	1
o-Terphenyl (Surr)	79		70 - 130	04/26/24 17:12	04/27/24 19:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.75		5.02	mg/Kg			04/30/24 05:44	1

Client Sample ID: BH7-001

Lab Sample ID: 880-42771-2

Date Collected: 04/24/24 09:22

Matrix: Solid

Date Received: 04/26/24 12:08

Sample Depth: 0-6"

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		04/29/24 11:54	04/30/24 09:06	1
Toluene	<0.00201	U	0.00201	mg/Kg		04/29/24 11:54	04/30/24 09:06	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		04/29/24 11:54	04/30/24 09:06	1
m,p-Xylenes	<0.00402	U	0.00402	mg/Kg		04/29/24 11:54	04/30/24 09:06	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		04/29/24 11:54	04/30/24 09:06	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		04/29/24 11:54	04/30/24 09:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	04/29/24 11:54	04/30/24 09:06	1

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Client Sample Results

Client: Charger Rentals
Project/Site: Byers 8605 JV-P #001

Job ID: 880-42771-1
SDG: ID nRM1927059983

Client Sample ID: BH7-001

Lab Sample ID: 880-42771-2

Date Collected: 04/24/24 09:22

Matrix: Solid

Date Received: 04/26/24 12:08

Sample Depth: 0-6"

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	103		70 - 130	04/29/24 11:54	04/30/24 09:06	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			04/30/24 09:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			04/27/24 20:28	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		04/26/24 17:12	04/27/24 20:28	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		04/26/24 17:12	04/27/24 20:28	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		04/26/24 17:12	04/27/24 20:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	104		70 - 130			04/26/24 17:12	04/27/24 20:28	1
o-Terphenyl (Surr)	89		70 - 130			04/26/24 17:12	04/27/24 20:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.03	U	5.03	mg/Kg			04/30/24 06:03	1

Client Sample ID: BH8-001

Lab Sample ID: 880-42771-3

Date Collected: 04/24/24 09:36

Matrix: Solid

Date Received: 04/26/24 12:08

Sample Depth: 0-6"

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/29/24 11:54	04/30/24 09:33	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/29/24 11:54	04/30/24 09:33	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/29/24 11:54	04/30/24 09:33	1
m,p-Xylenes	<0.00401	U	0.00401	mg/Kg		04/29/24 11:54	04/30/24 09:33	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/29/24 11:54	04/30/24 09:33	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		04/29/24 11:54	04/30/24 09:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130			04/29/24 11:54	04/30/24 09:33	1
1,4-Difluorobenzene (Surr)	102		70 - 130			04/29/24 11:54	04/30/24 09:33	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			04/30/24 09:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7	mg/Kg			04/27/24 20:49	1

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Client Sample Results

Client: Charger Rentals
Project/Site: Byers 8605 JV-P #001

Job ID: 880-42771-1
SDG: ID nRM1927059983

Client Sample ID: BH8-001
Date Collected: 04/24/24 09:36
Date Received: 04/26/24 12:08
Sample Depth: 0-6"

Lab Sample ID: 880-42771-3
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7	mg/Kg		04/26/24 17:12	04/27/24 20:49	1	
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7	mg/Kg		04/26/24 17:12	04/27/24 20:49	1	
Oil Range Organics (Over C28-C36)	<49.7	U	49.7	mg/Kg		04/26/24 17:12	04/27/24 20:49	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1-Chlorooctane (Surr)	103		70 - 130			04/26/24 17:12	04/27/24 20:49	1	
o-Terphenyl (Surr)	91		70 - 130			04/26/24 17:12	04/27/24 20:49	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	<5.05	U	5.05	mg/Kg			04/30/24 06:09	1	

Surrogate Summary

Client: Charger Rentals
Project/Site: Byers 8605 JV-P #001

Job ID: 880-42771-1
SDG: ID nRM1927059983

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-42771-1	BH6-001	104	92
880-42771-2	BH7-001	93	103
880-42771-3	BH8-001	100	102
880-42795-A-1-C MS	Matrix Spike	87	116
880-42795-A-1-D MSD	Matrix Spike Duplicate	85	99
LCS 880-79530/1-A	Lab Control Sample	87	97
LCSD 880-79530/2-A	Lab Control Sample Dup	93	106
MB 880-79509/5-A	Method Blank	62 S1-	101
MB 880-79530/5-A	Method Blank	61 S1-	98
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-42771-1	BH6-001	95	79
880-42771-1 MS	BH6-001	100	74
880-42771-1 MSD	BH6-001	106	77
880-42771-2	BH7-001	104	89
880-42771-3	BH8-001	103	91
LCS 880-79467/2-A	Lab Control Sample	128	124
LCSD 880-79467/3-A	Lab Control Sample Dup	95	95
MB 880-79467/1-A	Method Blank	109	98
Surrogate Legend			
1CO = 1-Chlorooctane (Surr)			
OTPH = o-Terphenyl (Surr)			

QC Sample Results

Client: Charger Rentals
Project/Site: Byers 8605 JV-P #001

Job ID: 880-42771-1
SDG: ID nRM1927059983

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-79509/5-A						Client Sample ID: Method Blank		
Matrix: Solid						Prep Type: Total/NA		
Analysis Batch: 79486						Prep Batch: 79509		
Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/29/24 10:36	04/29/24 12:48	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/29/24 10:36	04/29/24 12:48	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/29/24 10:36	04/29/24 12:48	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		04/29/24 10:36	04/29/24 12:48	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/29/24 10:36	04/29/24 12:48	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/29/24 10:36	04/29/24 12:48	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	62	S1-	70 - 130			04/29/24 10:36	04/29/24 12:48	1
1,4-Difluorobenzene (Surr)	101		70 - 130			04/29/24 10:36	04/29/24 12:48	1

Lab Sample ID: MB 880-79530/5-A						Client Sample ID: Method Blank		
Matrix: Solid						Prep Type: Total/NA		
Analysis Batch: 79486						Prep Batch: 79530		
Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/29/24 11:54	04/30/24 02:29	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/29/24 11:54	04/30/24 02:29	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/29/24 11:54	04/30/24 02:29	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		04/29/24 11:54	04/30/24 02:29	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/29/24 11:54	04/30/24 02:29	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/29/24 11:54	04/30/24 02:29	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	61	S1-	70 - 130			04/29/24 11:54	04/30/24 02:29	1
1,4-Difluorobenzene (Surr)	98		70 - 130			04/29/24 11:54	04/30/24 02:29	1

Lab Sample ID: LCS 880-79530/1-A						Client Sample ID: Lab Control Sample		
Matrix: Solid						Prep Type: Total/NA		
Analysis Batch: 79486						Prep Batch: 79530		
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Benzene	0.100	0.09115		mg/Kg		91	70 - 130	
Toluene	0.100	0.08929		mg/Kg		89	70 - 130	
Ethylbenzene	0.100	0.09094		mg/Kg		91	70 - 130	
m,p-Xylenes	0.200	0.1823		mg/Kg		91	70 - 130	
o-Xylene	0.100	0.09063		mg/Kg		91	70 - 130	
Surrogate	LCS %Recovery	LCS Qualifier	Limits					
4-Bromofluorobenzene (Surr)	87		70 - 130					
1,4-Difluorobenzene (Surr)	97		70 - 130					

Lab Sample ID: LCSD 880-79530/2-A						Client Sample ID: Lab Control Sample Dup				
Matrix: Solid						Prep Type: Total/NA				
Analysis Batch: 79486						Prep Batch: 79530				
Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Benzene	0.100	0.09005		mg/Kg		90	70 - 130	1	35	

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QC Sample Results

Client: Charger Rentals
Project/Site: Byers 8605 JV-P #001

Job ID: 880-42771-1
SDG: ID nRM1927059983

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-79530/2-A

Matrix: Solid

Analysis Batch: 79486

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 79530

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits	RPD		
Toluene	0.100	0.08507		mg/Kg		85	70 - 130	5		35
Ethylbenzene	0.100	0.09031		mg/Kg		90	70 - 130	1		35
m,p-Xylenes	0.200	0.1794		mg/Kg		90	70 - 130	2		35
o-Xylene	0.100	0.08803		mg/Kg		88	70 - 130	3		35

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	93		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: 880-42795-A-1-C MS

Matrix: Solid

Analysis Batch: 79486

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 79530

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	RPD
Benzene	<0.00200	U	0.100	0.08416		mg/Kg		84	70 - 130	
Toluene	<0.00200	U	0.100	0.07111		mg/Kg		71	70 - 130	
Ethylbenzene	<0.00200	U	0.100	0.06966		mg/Kg		70	70 - 130	
m,p-Xylenes	<0.00401	U F1	0.200	0.1381	F1	mg/Kg		69	70 - 130	
o-Xylene	<0.00200	U F1	0.100	0.06835	F1	mg/Kg		68	70 - 130	

Surrogate	MS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	87		70 - 130
1,4-Difluorobenzene (Surr)	116		70 - 130

Lab Sample ID: 880-42795-A-1-D MSD

Matrix: Solid

Analysis Batch: 79486

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 79530

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec	
									Limits	RPD
Benzene	<0.00200	U	0.100	0.07938		mg/Kg		79	70 - 130	6
Toluene	<0.00200	U	0.100	0.07310		mg/Kg		73	70 - 130	3
Ethylbenzene	<0.00200	U	0.100	0.07076		mg/Kg		71	70 - 130	2
m,p-Xylenes	<0.00401	U F1	0.200	0.1397		mg/Kg		70	70 - 130	1
o-Xylene	<0.00200	U F1	0.100	0.06885	F1	mg/Kg		69	70 - 130	1

Surrogate	MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	85		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-79467/1-A

Matrix: Solid

Analysis Batch: 79470

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 79467

Analyte	MB		RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/26/24 17:12	04/27/24 18:19	1

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QC Sample Results

Client: Charger Rentals
Project/Site: Byers 8605 JV-P #001

Job ID: 880-42771-1
SDG: ID nRM1927059983

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-79467/1-A
Matrix: Solid
Analysis Batch: 79470

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 79467

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/26/24 17:12	04/27/24 18:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/26/24 17:12	04/27/24 18:19	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	109		70 - 130	04/26/24 17:12	04/27/24 18:19	1
o-Terphenyl (Surr)	98		70 - 130	04/26/24 17:12	04/27/24 18:19	1

Lab Sample ID: LCS 880-79467/2-A
Matrix: Solid
Analysis Batch: 79470

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 79467

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1045		mg/Kg		105	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1088		mg/Kg		109	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	128		70 - 130
o-Terphenyl (Surr)	124		70 - 130

Lab Sample ID: LCSD 880-79467/3-A
Matrix: Solid
Analysis Batch: 79470

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 79467

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	936.7		mg/Kg		94	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	1000	911.9		mg/Kg		91	70 - 130	18	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	95		70 - 130
o-Terphenyl (Surr)	95		70 - 130

Lab Sample ID: 880-42771-1 MS
Matrix: Solid
Analysis Batch: 79470

Client Sample ID: BH6-001
Prep Type: Total/NA
Prep Batch: 79467

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	1047		mg/Kg		103	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	998	967.8		mg/Kg		93	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	100		70 - 130
o-Terphenyl (Surr)	74		70 - 130

QC Sample Results

Client: Charger Rentals
Project/Site: Byers 8605 JV-P #001

Job ID: 880-42771-1
SDG: ID nRM1927059983

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-42771-1 MSD

Matrix: Solid

Analysis Batch: 79470

Client Sample ID: BH6-001

Prep Type: Total/NA

Prep Batch: 79467

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	912.5		mg/Kg		89	70 - 130	14	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	1039		mg/Kg		100	70 - 130	7	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane (Surr)	106		70 - 130								
o-Terphenyl (Surr)	77		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-79524/1-A

Matrix: Solid

Analysis Batch: 79565

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			04/30/24 05:25	1

Lab Sample ID: LCS 880-79524/2-A

Matrix: Solid

Analysis Batch: 79565

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	247.8		mg/Kg		99	90 - 110

Lab Sample ID: LCSD 880-79524/3-A

Matrix: Solid

Analysis Batch: 79565

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	252.8		mg/Kg		101	90 - 110	2	20

Lab Sample ID: 880-42771-1 MS

Matrix: Solid

Analysis Batch: 79565

Client Sample ID: BH6-001

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.75		251	247.7		mg/Kg		96	90 - 110

Lab Sample ID: 880-42771-1 MSD

Matrix: Solid

Analysis Batch: 79565

Client Sample ID: BH6-001

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	5.75		251	250.4		mg/Kg		97	90 - 110	1	20

Eurofins Midland

QC Association Summary

Client: Charger Rentals
Project/Site: Byers 8605 JV-P #001

Job ID: 880-42771-1
SDG: ID nRM1927059983

GC VOA

Analysis Batch: 79486

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42771-1	BH6-001	Total/NA	Solid	8021B	79530
880-42771-2	BH7-001	Total/NA	Solid	8021B	79530
880-42771-3	BH8-001	Total/NA	Solid	8021B	79530
MB 880-79509/5-A	Method Blank	Total/NA	Solid	8021B	79509
MB 880-79530/5-A	Method Blank	Total/NA	Solid	8021B	79530
LCS 880-79530/1-A	Lab Control Sample	Total/NA	Solid	8021B	79530
LCSD 880-79530/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	79530
880-42795-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	79530
880-42795-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	79530

Prep Batch: 79509

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-79509/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 79530

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42771-1	BH6-001	Total/NA	Solid	5035	
880-42771-2	BH7-001	Total/NA	Solid	5035	
880-42771-3	BH8-001	Total/NA	Solid	5035	
MB 880-79530/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-79530/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-79530/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-42795-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
880-42795-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 79666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42771-1	BH6-001	Total/NA	Solid	Total BTEX	
880-42771-2	BH7-001	Total/NA	Solid	Total BTEX	
880-42771-3	BH8-001	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 79467

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42771-1	BH6-001	Total/NA	Solid	8015NM Prep	
880-42771-2	BH7-001	Total/NA	Solid	8015NM Prep	
880-42771-3	BH8-001	Total/NA	Solid	8015NM Prep	
MB 880-79467/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-79467/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-79467/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-42771-1 MS	BH6-001	Total/NA	Solid	8015NM Prep	
880-42771-1 MSD	BH6-001	Total/NA	Solid	8015NM Prep	

Analysis Batch: 79470

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42771-1	BH6-001	Total/NA	Solid	8015B NM	79467
880-42771-2	BH7-001	Total/NA	Solid	8015B NM	79467
880-42771-3	BH8-001	Total/NA	Solid	8015B NM	79467
MB 880-79467/1-A	Method Blank	Total/NA	Solid	8015B NM	79467
LCS 880-79467/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	79467

Eurofins Midland

QC Association Summary

Client: Charger Rentals
Project/Site: Byers 8605 JV-P #001

Job ID: 880-42771-1
SDG: ID nRM1927059983

GC Semi VOA (Continued)

Analysis Batch: 79470 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-79467/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	79467
880-42771-1 MS	BH6-001	Total/NA	Solid	8015B NM	79467
880-42771-1 MSD	BH6-001	Total/NA	Solid	8015B NM	79467

Analysis Batch: 79592

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42771-1	BH6-001	Total/NA	Solid	8015 NM	
880-42771-2	BH7-001	Total/NA	Solid	8015 NM	
880-42771-3	BH8-001	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 79524

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42771-1	BH6-001	Soluble	Solid	DI Leach	
880-42771-2	BH7-001	Soluble	Solid	DI Leach	
880-42771-3	BH8-001	Soluble	Solid	DI Leach	
MB 880-79524/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-79524/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-79524/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-42771-1 MS	BH6-001	Soluble	Solid	DI Leach	
880-42771-1 MSD	BH6-001	Soluble	Solid	DI Leach	

Analysis Batch: 79565

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-42771-1	BH6-001	Soluble	Solid	300.0	79524
880-42771-2	BH7-001	Soluble	Solid	300.0	79524
880-42771-3	BH8-001	Soluble	Solid	300.0	79524
MB 880-79524/1-A	Method Blank	Soluble	Solid	300.0	79524
LCS 880-79524/2-A	Lab Control Sample	Soluble	Solid	300.0	79524
LCSD 880-79524/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	79524
880-42771-1 MS	BH6-001	Soluble	Solid	300.0	79524
880-42771-1 MSD	BH6-001	Soluble	Solid	300.0	79524

Lab Chronicle

Client: Charger Rentals
Project/Site: Byers 8605 JV-P #001

Job ID: 880-42771-1
SDG: ID nRM1927059983

Client Sample ID: BH6-001

Lab Sample ID: 880-42771-1

Date Collected: 04/24/24 09:15

Matrix: Solid

Date Received: 04/26/24 12:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	79530	04/29/24 11:54	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	79486	04/30/24 08:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			79666	04/30/24 08:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			79592	04/27/24 19:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	79467	04/26/24 17:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	79470	04/27/24 19:23	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	79524	04/29/24 11:46	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	79565	04/30/24 05:44	SMC	EET MID

Client Sample ID: BH7-001

Lab Sample ID: 880-42771-2

Date Collected: 04/24/24 09:22

Matrix: Solid

Date Received: 04/26/24 12:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	79530	04/29/24 11:54	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	79486	04/30/24 09:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			79666	04/30/24 09:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			79592	04/27/24 20:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	79467	04/26/24 17:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	79470	04/27/24 20:28	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	79524	04/29/24 11:46	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	79565	04/30/24 06:03	SMC	EET MID

Client Sample ID: BH8-001

Lab Sample ID: 880-42771-3

Date Collected: 04/24/24 09:36

Matrix: Solid

Date Received: 04/26/24 12:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	79530	04/29/24 11:54	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	79486	04/30/24 09:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			79666	04/30/24 09:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			79592	04/27/24 20:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	79467	04/26/24 17:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	79470	04/27/24 20:49	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	79524	04/29/24 11:46	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	79565	04/30/24 06:09	SMC	EET MID

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Charger Rentals
Project/Site: Byers 8605 JV-P #001

Job ID: 880-42771-1
SDG: ID nRM1927059983

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-23-26	06-30-24
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Charger Rentals
Project/Site: Byers 8605 JV-P #001

Job ID: 880-42771-1
SDG: ID nRM1927059983

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

- EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Charger Rentals
Project/Site: Byers 8605 JV-P #001

Job ID: 880-42771-1
SDG: ID nRM1927059983

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-42771-1	BH6-001	Solid	04/24/24 09:15	04/26/24 12:08	0-6"
880-42771-2	BH7-001	Solid	04/24/24 09:22	04/26/24 12:08	0-6"
880-42771-3	BH8-001	Solid	04/24/24 09:36	04/26/24 12:08	0-6"

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Revised Date: 08/25/2020 Rev. 2020.2

Login Sample Receipt Checklist

Client: Charger Rentals

Job Number: 880-42771-1
SDG Number: ID nRM1927059983

Login Number: 42771
List Number: 1
Creator: Vasquez, Julisa

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	
Cooler Temperature is acceptable.	False	Refer to Job Narrative for details.
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



Appendix F

Executed C-138 Solid Waste
Acceptance Form

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

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

Form C-138
Revised August 1, 2011

*Surface Waste Management Facility Operator
and Generator shall maintain and make this
documentation available for Division inspection.

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. Generator Name and Address:
BTA Oil Producers, LLC, 104 S. Pecos Street; Midland, Texas
2. Originating Site:
Byers, 8605 JV-P #001
3. Location of Material (Street Address, City, State or ULSTR):
H-23-20S-35E
4. Source and Description of Waste:
Estimated Volume <u>100</u> yd ³ / bbls Known Volume (to be entered by the operator at the end of the haul) <u>100</u> yd ³ / bbls
5. GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS
I, <u>Marcus Gipson</u> , representative or authorized agent for <u>BTA Oil Producers, LLC</u> do hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: (Check the appropriate classification)
<input checked="" type="checkbox"/> RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. <i>Operator Use Only: Waste Acceptance Frequency</i> <input type="checkbox"/> Monthly <input type="checkbox"/> Weekly <input type="checkbox"/> Per Load
<input type="checkbox"/> RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items)
<input type="checkbox"/> MSDS Information <input type="checkbox"/> RCRA Hazardous Waste Analysis <input type="checkbox"/> Process Knowledge <input type="checkbox"/> Other (Provide description in Box 4)
GENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEMENT FOR LANDFARMS
I, <u></u> , representative for <u></u> do hereby certify that representative samples of the oil field waste have been subjected to the paint filter test and tested for chloride content and that the samples have been found to conform to the specific requirements applicable to landfarms pursuant to Section 15 of 19.15.36 NMAC. The results of the representative samples are attached to demonstrate the above-described waste conform to the requirements of Section 15 of 19.15.36 NMAC.
5. Transporter:

OCD Permitted Surface Waste Management Facility

Name and Facility Permit #: Lea Land, LLC Permit #: NM-1-0035

Address of Facility: MM 64 Hwy 62/180 East, Carlsbad, NM 88220

Method of Treatment and/or Disposal:

☐ Evaporation ☐ Injection ☐ Treating Plant ☐ Landfarm ☒ Landfill ☐ Other

Waste Acceptance Status:

☒ **APPROVED**

☐ **DENIED** (Must Be Maintained As Permanent Record)

PRINT NAME:

TITLE:

DATE:

SIGNATURE:

TELEPHONE NO.:

Surface Waste Management Facility Authorized Agent

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

QUESTIONS

Action 354635

QUESTIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 354635
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nRM1927059983
Incident Name	NRM1927059983 BYERS #1 TANK BATTERY @ 30-025-29773
Incident Type	Release Other
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-29773] BYERS, 8605 JV-P #001

Location of Release Source	
Please answer all the questions in this group.	
Site Name	BYERS #1 TANK BATTERY
Date Release Discovered	09/01/2019
Surface Owner	Private

Incident Details	
Please answer all the questions in this group.	
Incident Type	Release Other
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Equipment Failure Pipeline (Any) Crude Oil Released: 15 BBL Recovered: 0 BBL Lost: 15 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure Pipeline (Any) Produced Water Released: 6 BBL Recovered: 0 BBL Lost: 6 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
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QUESTIONS, Page 2

Action 354635

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID:	260297
	Action Number:	354635
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

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	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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.

I hereby agree and sign off to the above statement	Name: Ray Ramos Email: rramos@btaoil.com Date: 06/17/2024
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QUESTIONS, Page 3

Action 354635

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID:
	260297
	Action Number:
	354635
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). 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 in feet below ground surface (ft bgs)	Between 75 and 100 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	None
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride	(EPA 300.0 or SM4500 Cl B)	0
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	0
GRO+DRO	(EPA SW-846 Method 8015M)	0
BTEX	(EPA SW-846 Method 8021B or 8260B)	0
Benzene	(EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	02/07/2024
On what date will (or did) the final sampling or liner inspection occur	05/08/2024
On what date will (or was) the remediation complete(d)	05/20/2024
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	1000
What is the estimated volume (in cubic yards) that will be remediated	100

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 354635

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID:	260297
	Action Number:	354635
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS**Remediation Plan (continued)**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	LEA LAND LANDFILL [fEEM0112342028]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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.

I hereby agree and sign off to the above statement	Name: Ray Ramos Email: rramos@btaoil.com Date: 06/17/2024
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The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 354635

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 354635
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 354635

QUESTIONS (continued)

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	Action Number:	354635
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	340970
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/08/2024
What was the (estimated) number of samples that were to be gathered	5
What was the sampling surface area in square feet	1000

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	1000
What was the total volume (cubic yards) remediated	100
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	No additional information.

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 (in .pdf format) 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.

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.

I hereby agree and sign off to the above statement	Name: Ray Ramos Email: rramos@btaoil.com Date: 06/17/2024
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QUESTIONS, Page 7

Action 354635

QUESTIONS (continued)

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[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 354635

CONDITIONS

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CONDITIONS

Created By	Condition	Condition Date
nvelez	None	8/12/2024