

Spills In Lined Containment	
Measurements Of Standing Fluid	
Length(Ft)	72
Width(Ft)	54
Depth(in.)	1
tank displacements (bbls)	57.71
No. of 500 bbl Tanks In Standing Fluid	8
No. of Other Tanks In Standing Fluid	
OD Of Other Tanks In Standing Fluid(feet)	
Total Volume of standing fluid accounting for tank displacement.	35.31

Devon Energy Production Company, LP
6488 Seven Rivers Hwy
Artesia, NM 88210
575-748-0167

May 31, 2024

NMOCD District 1
1625 N French Dr.
Hobbs, NM, 88240

Bureau of Land Management
620 East Green St.
Carlsbad, NM 88220

**RE: Remediation Closure Report
Galapagos 14 CTB 2
Facility ID fAPP2123647067
GPS: Latitude 32.31038 Longitude -103.75497
ULSTR – D – 14 – 23S – 31E 450FSL 509FEL
Eddy County, NM
NMOCD Incident ID. nAPP2207536482**

This release was initially discovered on March 15, 2022. An initial Notice of Release (NOR) was submitted by Devon personnel on March 16, 2022, and approved by the NMOCD (OCD Online: Permitting – Application ID [90721]). An initial C-141 form was submitted on March 29, 2023, and approved by the NMOCD (OCD Online: Permitting – Application ID [93894]). This incident was assigned Incident ID nAPP2207536482, by the New Mexico Oil Conservation Division (NMOCD).

Site Information and Site Characterization

Site information and characterization documents can be found in the previously denied Remediation Closure Report located in OCD Online: Permitting – Action Status, under the Application ID: 203592.

Release Information

nAPP2207536482: On March 15, 2022, Lease Operator arrived at location and noticed water spraying out of the discharge side of the water transfer pump. There was a 3" nipple leaking. The operator shut off the water transfer pump, isolated the pump to stop the leak. A vacuum truck was dispatched to recover fluids. Fluids did not leave lined containment. Fluids did not impact the pad. Fluids did not leave the location.

Countermeasures due to Remediation Closure Report Denied

On August 14, 2023, the NMOCD denied the remediation closure report citing:

"The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action (C-141)*, for incident ID (n#) nAPP2207536482, for the following reasons:

- **The Closure Report is denied. Delineation sampling will need to be conducted in the location of the tear that was observed in the liner. Also, delineation samples will also need to be conducted around the outside of the lined containment.**

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 203592. Please review and make the required correction(s) prior to resubmitting. If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141."

On November 17, 2023, Pima personnel arrived on site to complete the delineation sampling event. Discreet samples were collected from the area in the liner where a tear was found, and around the outside of the metal wall containment. A total of 11 sample points were collected from depth intervals of 0 to 4 feet below grade surface (bgs). A background sample was also collected from just off the pad site to the south. A total of 46 samples were put on ice, jarred, and delivered to Envirotech Laboratories for official testing. All

samples were tested for all constituents. A sampling notification was not submitted for this sampling event, due to it was not required for delineation samples at the time these were collected. The results of the lab testing for this sampling event can be found in Figure 1. A corresponding Delineation Map can be found in Figure 2.

A complete laboratory report can be found in Appendix C. Photographic Documentation can be found in Appendix B.

Approval Request

The laboratory results of this sampling event show the contaminants in this release area to be under the regulatory limits as per Table 1 19.15.29 NMAC. On behalf of Devon, Pima requests that this Remediation Closure Report for incident ID# nAPP2207536482 be approved. Devon has complied with the applicable closure requirements outlined in rule 19.15.29.12 NMAC.

Should you have any questions or need additional information, please feel free to contact:

Devon Energy Production – Dale Woodall at 575-748-0167 or dale.woodall@devon.com.

Pima Environmental – Tom Bynum at 580-748-1613 or tom@pimaoil.com.

Attachments

Figures:

- 1- Lab Sample Results Data Table
- 2- Delineation Map

Appendices:

- Appendix A – NMOCD Correspondence
- Appendix B – Photographic Documentation
- Appendix C – Laboratory Report



Figures:

1 - Lab Sample Results Data Table

2 - Delineation Map

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
DEVON ENERGY - GALAPOGOS 14 CTB 2 - nAPP2207536482								
Date: 11/17/2023 NM Approved Laboratory Results								
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	CI mg/kg
S1 (0-6")	0-6"	ND	ND	ND	ND	ND	0	ND
S1-1'	1'	ND	ND	ND	ND	ND	0	ND
S1-2'	2'	ND	ND	ND	ND	ND	0	ND
S1-3'	3'	ND	ND	ND	ND	ND	0	ND
S1-4'	4'	ND	ND	ND	ND	ND	0	ND
S2-1'	1'	ND	ND	ND	ND	ND	0	ND
S2-2'	2'	ND	ND	ND	ND	ND	0	ND
S2-3'	3'	ND	ND	ND	ND	ND	0	ND
S2-4'	4'	ND	ND	ND	ND	ND	0	ND
S3-1'	1'	ND	ND	ND	ND	ND	0	ND
S3-2'	2'	ND	ND	ND	ND	ND	0	ND
S3-3'	3'	ND	ND	ND	ND	ND	0	ND
S3-4'	4'	ND	ND	ND	ND	ND	0	ND
S4-1'	1'	ND	ND	ND	ND	ND	0	ND
S4-2'	2'	ND	ND	ND	ND	ND	0	ND
S4-3'	3'	ND	ND	ND	ND	ND	0	ND
S4-4'	4'	ND	ND	ND	ND	ND	0	ND
S5-1'	1'	ND	ND	ND	ND	ND	0	ND
S5-2'	2'	ND	ND	ND	ND	ND	0	ND
S5-3'	3'	ND	ND	ND	ND	ND	0	ND
S5-4'	4'	ND	ND	ND	ND	ND	0	ND
S6-1'	1'	ND	ND	ND	ND	ND	0	ND
S6-2'	2'	ND	ND	ND	ND	ND	0	ND
S6-3'	3'	ND	ND	ND	ND	ND	0	ND
S6-4'	4'	ND	ND	ND	ND	ND	0	ND
S7-1'	1'	ND	ND	ND	ND	ND	0	ND
S7-2'	2'	ND	ND	ND	ND	ND	0	ND
S7-3'	3'	ND	ND	ND	ND	ND	0	ND
S7-4'	4'	ND	ND	ND	ND	ND	0	ND
S8-1'	1'	ND	ND	ND	ND	ND	0	ND
S8-2'	2'	ND	ND	ND	ND	ND	0	ND
S8-3'	3'	ND	ND	ND	ND	ND	0	ND
S8-4'	4'	ND	ND	ND	ND	ND	0	ND
S9-1'	1'	ND	ND	ND	ND	ND	0	ND
S9-2'	2'	ND	ND	ND	ND	ND	0	ND
S9-3'	3'	ND	ND	ND	ND	ND	0	ND
S9-4'	4'	ND	ND	ND	ND	ND	0	ND
S10-1'	1'	ND	ND	ND	ND	ND	0	ND
S10-2'	2'	ND	ND	ND	ND	ND	0	ND
S10-3'	3'	ND	ND	ND	ND	ND	0	ND
S10-4'	4'	ND	ND	ND	ND	ND	0	ND
S11-1'	1'	ND	ND	ND	ND	ND	0	ND
S11-2'	2'	ND	ND	ND	ND	ND	0	ND
S11-3'	3'	ND	ND	ND	ND	ND	0	ND
S11-4'	4'	ND	ND	ND	ND	ND	0	ND
BG 1	1'	ND	ND	ND	ND	ND	0	ND

Galapagos 14 CTB 2

Devon Energy
Facility ID fAPP2123647067
Eddy County, NM
nAPP2207536482
Delineation Map

Legend

- Background sample
- Delineation samples
- ↓ Rip in Liner
- Secondary Containment - 7,169 sqft

32.308684, -103.748387



100 ft

BG1

Google Earth



Appendix A

NMOCD Correspondence

OCD Permitting

Home Operator Data Action Status Action Search Results Action Status Item Details

[C-141] Release Corrective Action (C-141) Application

Submission Information

Submission ID:	203592	Districts:	Artesia
Operator:	[6137] DEVON ENERGY PRODUCTION COMPANY, LP	Counties:	Eddy
Description:	DEVON ENERGY PRODUCTION COMPANY, LP [6137] , GALAPAGOS 14 CTB 2 , nAPP2207536482		
Status:	REJECTED		
Status Date:	08/14/2023		
References (1):	nAPP2207536482		

Forms

Attachments:	C-141
	C-141
	Scaled Site Map

Questions

This submission type does not have questions, at this time.

Comments

No comments found for this submission.

Conditions

No conditions found for this submission.

Reasons

Summary: *rhamlet* (8/14/2023), The Closure Report is denied. Delineation sampling will need to be conducted in the location of the tear that was observed in the liner. Also, delineation samples will also need to be conducted around the outside of the lined containment.

Go Back



Appendix B

Photographic Documentation

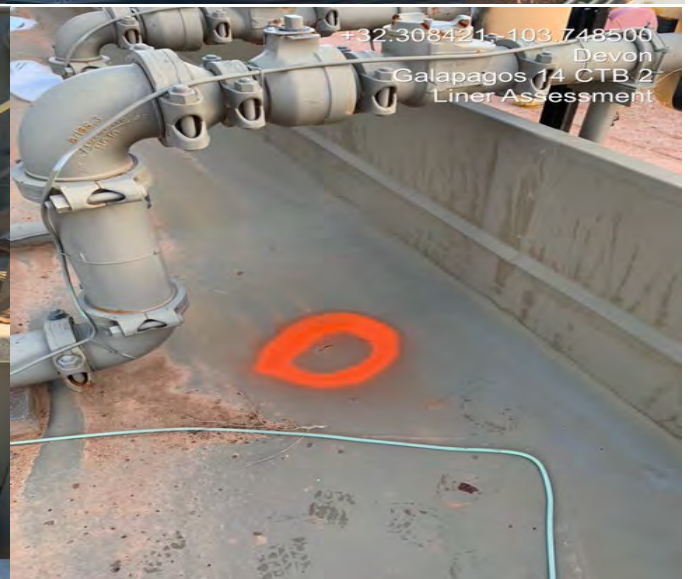


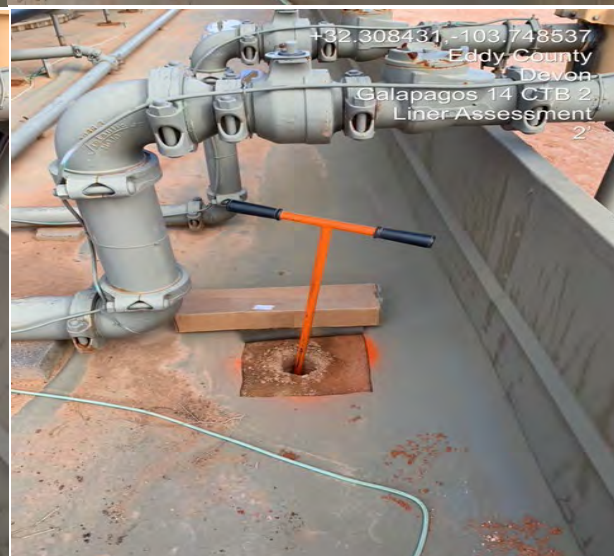
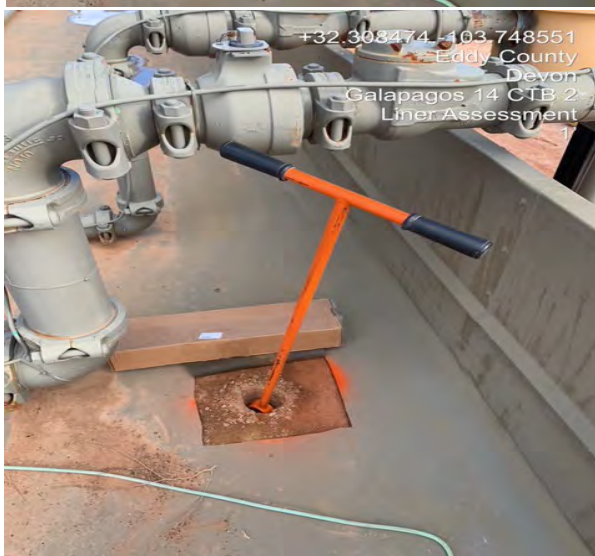
SITE PHOTOGRAPHS

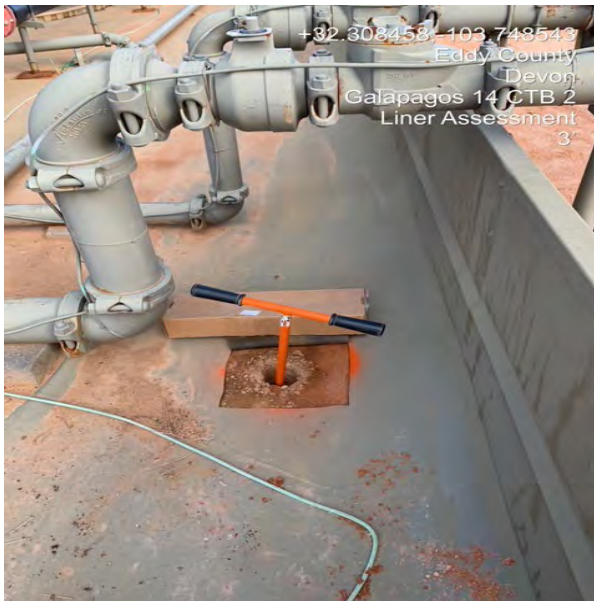
DEVON ENERGY

Galapagos 14 CTB 2













Appendix C

Laboratory Report

Report to:
Tom Bynum



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Galapagos 14 CTB 2

Work Order: E311193

Job Number: 01058-0007

Received: 11/22/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/30/23

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 11/30/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247



Project Name: Galapagos 14 CTB 2
Workorder: E311193
Date Received: 11/22/2023 7:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/22/2023 7:30:00AM, under the Project Name: Galapagos 14 CTB 2.

The analytical test results summarized in this report with the Project Name: Galapagos 14 CTB 2 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
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Sample Custody Officer
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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Galapagos 14 CTB 2	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/30/23 14:31

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1 (0-6")	E311193-01A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S1-1'	E311193-02A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S1-2'	E311193-03A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S1-3'	E311193-04A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S1-4'	E311193-05A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S2-1'	E311193-06A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S2-2'	E311193-07A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S2-3'	E311193-08A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S2-4'	E311193-09A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S3-1'	E311193-10A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S3-2'	E311193-11A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S3-3'	E311193-12A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S3-4'	E311193-13A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S4-1'	E311193-14A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S4-2'	E311193-15A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S4-3'	E311193-16A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S4-4'	E311193-17A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S5-1'	E311193-18A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S5-2'	E311193-19A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S5-3'	E311193-20A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/30/2023 2:31:01PM

S1 (0-6")

E311193-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
Surrogate: 4-Bromochlorobenzene-PID	95.9 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	93.9 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348006
Diesel Range Organics (C10-C28)	ND	25.0	1	11/27/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/27/23	11/29/23	
Surrogate: n-Nonane	94.4 %	50-200		11/27/23	11/29/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348026
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/30/2023 2:31:01PM

S1-1'

E311193-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.3 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.3 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348006
Diesel Range Organics (C10-C28)	ND	25.0	1	11/27/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/27/23	11/29/23	
<i>Surrogate: n-Nonane</i>						
	94.2 %	50-200		11/27/23	11/29/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348026
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/30/2023 2:31:01PM

S1-2'

E311193-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.8 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.2 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348006
Diesel Range Organics (C10-C28)	ND	25.0	1	11/27/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/27/23	11/29/23	
<i>Surrogate: n-Nonane</i>						
	90.2 %	50-200		11/27/23	11/29/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348026
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/30/2023 2:31:01PM

S1-3'

E311193-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.9 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.6 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348006
Diesel Range Organics (C10-C28)	ND	25.0	1	11/27/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/27/23	11/29/23	
<i>Surrogate: n-Nonane</i>						
	90.5 %	50-200		11/27/23	11/29/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348026
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/30/2023 2:31:01PM

S1-4'

E311193-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.7 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.3 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348006
Diesel Range Organics (C10-C28)	ND	25.0	1	11/27/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/27/23	11/29/23	
<i>Surrogate: n-Nonane</i>						
	93.7 %	50-200		11/27/23	11/29/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348026
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/30/2023 2:31:01PM

S2-1'

E311193-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.4 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.3 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348006
Diesel Range Organics (C10-C28)	ND	25.0	1	11/27/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/27/23	11/29/23	
<i>Surrogate: n-Nonane</i>						
	97.2 %	50-200		11/27/23	11/29/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348026
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/30/2023 2:31:01PM

S2-2'

E311193-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.1 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.7 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348006
Diesel Range Organics (C10-C28)	ND	25.0	1	11/27/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/27/23	11/29/23	
<i>Surrogate: n-Nonane</i>						
	95.7 %	50-200		11/27/23	11/29/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348026
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Galapagos 14 CTB 2	Reported: 11/30/2023 2:31:01PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

S2-3'

E311193-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2347087	
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
Surrogate: 4-Bromochlorobenzene-PID	97.4 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2347087	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	93.6 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2348006	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/27/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/27/23	11/29/23	
Surrogate: n-Nonane	99.3 %	50-200		11/27/23	11/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2348026	
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/30/2023 2:31:01PM

S2-4'

E311193-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2347087	
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	97.6 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2347087	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	92.7 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2348006	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/27/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/27/23	11/29/23	
<i>Surrogate: n-Nonane</i>	93.9 %	50-200		11/27/23	11/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2348026	
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/30/2023 2:31:01PM

S3-1'

E311193-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.9 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.7 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348006
Diesel Range Organics (C10-C28)	ND	25.0	1	11/27/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/27/23	11/29/23	
<i>Surrogate: n-Nonane</i>						
	95.1 %	50-200		11/27/23	11/29/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348026
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/30/2023 2:31:01PM

S3-2'

E311193-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.0 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.7 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348006
Diesel Range Organics (C10-C28)	ND	25.0	1	11/27/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/27/23	11/29/23	
<i>Surrogate: n-Nonane</i>						
	91.3 %	50-200		11/27/23	11/29/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348026
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/30/2023 2:31:01PM

S3-3'

E311193-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.0 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.6 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348006
Diesel Range Organics (C10-C28)	ND	25.0	1	11/27/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/27/23	11/29/23	
<i>Surrogate: n-Nonane</i>						
	92.1 %	50-200		11/27/23	11/29/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348026
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/30/2023 2:31:01PM

S3-4'

E311193-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.6 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.6 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348006
Diesel Range Organics (C10-C28)	ND	25.0	1	11/27/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/27/23	11/29/23	
<i>Surrogate: n-Nonane</i>						
	94.6 %	50-200		11/27/23	11/29/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348026
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/30/2023 2:31:01PM

S4-1'

E311193-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.7 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.3 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348006
Diesel Range Organics (C10-C28)	ND	25.0	1	11/27/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/27/23	11/29/23	
<i>Surrogate: n-Nonane</i>						
	91.2 %	50-200		11/27/23	11/29/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348026
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/30/2023 2:31:01PM

S4-2'

E311193-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.6 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.8 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348006
Diesel Range Organics (C10-C28)	ND	25.0	1	11/27/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/27/23	11/30/23	
<i>Surrogate: n-Nonane</i>						
	93.8 %	50-200		11/27/23	11/30/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348026
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/30/2023 2:31:01PM

S4-3'

E311193-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.6 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.3 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348006
Diesel Range Organics (C10-C28)	ND	25.0	1	11/27/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/27/23	11/30/23	
<i>Surrogate: n-Nonane</i>						
	93.5 %	50-200		11/27/23	11/30/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348026
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Galapagos 14 CTB 2	Reported: 11/30/2023 2:31:01PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

S4-4'

E311193-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2347087	
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
Surrogate: 4-Bromochlorobenzene-PID	98.1 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2347087	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.9 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2348006	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/27/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/27/23	11/30/23	
Surrogate: n-Nonane	92.3 %	50-200		11/27/23	11/30/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2348026	
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Galapagos 14 CTB 2	Reported: 11/30/2023 2:31:01PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

S5-1'

E311193-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2347087	
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
Surrogate: 4-Bromochlorobenzene-PID	97.6 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2347087	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.1 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2348006	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/27/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/27/23	11/30/23	
Surrogate: n-Nonane	90.0 %	50-200		11/27/23	11/30/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2348026	
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/30/2023 2:31:01PM

S5-2'

E311193-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.9 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.2 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348006
Diesel Range Organics (C10-C28)	ND	25.0	1	11/27/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/27/23	11/30/23	
<i>Surrogate: n-Nonane</i>						
	89.8 %	50-200		11/27/23	11/30/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348026
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/30/2023 2:31:01PM

S5-3'

E311193-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.2 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347087
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.9 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348006
Diesel Range Organics (C10-C28)	ND	25.0	1	11/27/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/27/23	11/30/23	
<i>Surrogate: n-Nonane</i>						
	98.5 %	50-200		11/27/23	11/30/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348026
Chloride	ND	20.0	1	11/27/23	11/28/23	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Galapagos 14 CTB 2	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/30/2023 2:31:01PM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2347087-BLK1) Prepared: 11/22/23 Analyzed: 11/29/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.76		8.00		97.0	70-130			

LCS (2347087-BS1) Prepared: 11/22/23 Analyzed: 11/29/23

Benzene	5.57	0.0250	5.00		111	70-130			
Ethylbenzene	5.50	0.0250	5.00		110	70-130			
Toluene	5.55	0.0250	5.00		111	70-130			
o-Xylene	5.49	0.0250	5.00		110	70-130			
p,m-Xylene	11.2	0.0500	10.0		112	70-130			
Total Xylenes	16.7	0.0250	15.0		111	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.62		8.00		95.2	70-130			

Matrix Spike (2347087-MS1) Source: E311193-06 Prepared: 11/22/23 Analyzed: 11/29/23

Benzene	5.15	0.0250	5.00	ND	103	54-133			
Ethylbenzene	5.07	0.0250	5.00	ND	101	61-133			
Toluene	5.12	0.0250	5.00	ND	102	61-130			
o-Xylene	5.06	0.0250	5.00	ND	101	63-131			
p,m-Xylene	10.3	0.0500	10.0	ND	103	63-131			
Total Xylenes	15.4	0.0250	15.0	ND	103	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.60		8.00		95.0	70-130			

Matrix Spike Dup (2347087-MSD1) Source: E311193-06 Prepared: 11/22/23 Analyzed: 11/29/23

Benzene	5.09	0.0250	5.00	ND	102	54-133	1.14	20	
Ethylbenzene	5.03	0.0250	5.00	ND	101	61-133	0.787	20	
Toluene	5.08	0.0250	5.00	ND	102	61-130	0.835	20	
o-Xylene	5.02	0.0250	5.00	ND	100	63-131	0.736	20	
p,m-Xylene	10.2	0.0500	10.0	ND	102	63-131	0.751	20	
Total Xylenes	15.3	0.0250	15.0	ND	102	63-131	0.746	20	
Surrogate: 4-Bromochlorobenzene-PID	7.57		8.00		94.7	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Galapagos 14 CTB 2	Reported: 11/30/2023 2:31:01PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2347087-BLK1) Prepared: 11/22/23 Analyzed: 11/29/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.38		8.00		92.2	70-130			

LCS (2347087-BS2) Prepared: 11/22/23 Analyzed: 11/29/23

Gasoline Range Organics (C6-C10)	53.8	20.0	50.0		108	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		8.00		94.2	70-130			

Matrix Spike (2347087-MS2) Source: E311193-06 Prepared: 11/22/23 Analyzed: 11/29/23

Gasoline Range Organics (C6-C10)	55.8	20.0	50.0	ND	112	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.65		8.00		95.6	70-130			

Matrix Spike Dup (2347087-MSD2) Source: E311193-06 Prepared: 11/22/23 Analyzed: 11/30/23

Gasoline Range Organics (C6-C10)	51.7	20.0	50.0	ND	103	70-130	7.62	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.67		8.00		95.9	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Galapagos 14 CTB 2	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/30/2023 2:31:01PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2348006-BLK1)					Prepared: 11/27/23 Analyzed: 11/29/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.4		50.0		98.8	50-200			

LCS (2348006-BS1)					Prepared: 11/27/23 Analyzed: 11/29/23				
Diesel Range Organics (C10-C28)	251	25.0	250		100	38-132			
Surrogate: n-Nonane	49.1		50.0		98.2	50-200			

Matrix Spike (2348006-MS1)					Source: E311193-10		Prepared: 11/27/23 Analyzed: 11/29/23		
Diesel Range Organics (C10-C28)	247	25.0	250	ND	98.8	38-132			
Surrogate: n-Nonane	47.9		50.0		95.9	50-200			

Matrix Spike Dup (2348006-MSD1)					Source: E311193-10		Prepared: 11/27/23 Analyzed: 11/29/23		
Diesel Range Organics (C10-C28)	259	25.0	250	ND	103	38-132	4.67	20	
Surrogate: n-Nonane	50.9		50.0		102	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Galapagos 14 CTB 2	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/30/2023 2:31:01PM

Anions by EPA 300.0/9056A

Analyst: BA

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

Blank (2348026-BLK1)					Prepared: 11/27/23 Analyzed: 11/28/23				
Chloride	ND	20.0							
LCS (2348026-BS1)					Prepared: 11/27/23 Analyzed: 11/30/23				
Chloride	254	20.0	250		101	90-110			
Matrix Spike (2348026-MS1)					Source: E311193-04		Prepared: 11/27/23 Analyzed: 11/30/23		
Chloride	248	20.0	250	ND	99.2	80-120			
Matrix Spike Dup (2348026-MSD1)					Source: E311193-04		Prepared: 11/27/23 Analyzed: 11/28/23		
Chloride	250	20.0	250	ND	100	80-120	0.886	20	

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



Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Galapagos 14 CTB 2	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/30/23 14:31

- ND Analyte NOT DETECTED at or above the reporting limit
 - NR Not Reported
 - RPD Relative Percent Difference
 - DNI Did Not Ignite
 - DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Chain of Custody



Project Information

Chain of Custody

Client: Pima Environmental Services Project: <u>Gala pagos 14 CTB 2</u> Project Manager: <u>Tom Bynum</u> Address: <u>5614 N. Lovington Hwy.</u> City, State, Zip: <u>Hobbs, NM, 88240</u> Phone: <u>580-748-1613</u> Email: <u>tom@pimaoil.com</u> Report due by:					Bill To Attention: <u>Devon</u> Address: City, State, Zip: Phone: Email: Pima Project # <u>8352-1</u>		Lab Use Only Lab WO# <u>E 311193</u> Job Number <u>01058-0007</u>		TAT 1D 2D 3D Standard <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>				EPA Program CWA SDWA RCRA	
Analysis and Method							State		NM CO UT AZ TX		Remarks			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NIM	BGDOC TX	
8:51	11/17	S		S3-2'	11							X		
8:53				S3-3'	12									
8:59				S3-4'	13									
9:04				S4-1'	14									
9:10				S4-2'	15									
9:17				S4-3'	16									
9:23				S4-4'	17									
9:31				S5-1'	18									
9:32				S5-2'	19									
9:35				S5-3'	20									
Additional Instructions: <u>B# 21211670</u>														
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.										Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 5 °C on subsequent days.				
Relinquished by: (Signature) <u>Karime Adams</u>		Date <u>11/21</u>	Time <u>1510</u>	Received by: (Signature) <u>[Signature]</u>		Date <u>11-21-23</u>	Time <u>1510</u>	Lab Use Only Received on ice: <u>(Y) N</u>						
Relinquished by: (Signature) <u>[Signature]</u>		Date <u>11-21-23</u>	Time <u>1740</u>	Received by: (Signature) <u>[Signature]</u>		Date <u>11/22/23</u>	Time <u>7:30</u>	T1 T2 T3						
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C <u>4</u>						
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other														
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA														
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.														



Envirotech Analytical Laboratory

Printed: 11/22/2023 8:40:27AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Pima Environmental Services-Carlsbad	Date Received:	11/21/23 00:00	Work Order ID:	E311193
Phone:	(575) 631-6977	Date Logged In:	11/21/23 16:20	Logged In By:	Jordan Montano
Email:	tom@pimaoil.com	Due Date:	11/29/23 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/Resolution

COC split into two work order due to the volume of samples.

E311193-E311194.

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? No
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Tom Bynum



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Galapagos 14 CTB 2

Work Order: E311194

Job Number: 01058-0007

Received: 11/22/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
12/4/23

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 12/4/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247



Project Name: Galapagos 14 CTB 2
Workorder: E311194
Date Received: 11/22/2023 7:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/22/2023 7:30:00AM, under the Project Name: Galapagos 14 CTB 2.

The analytical test results summarized in this report with the Project Name: Galapagos 14 CTB 2 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Galapagos 14 CTB 2	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	12/04/23 16:40

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S5-4'	E311194-01A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S6-1'	E311194-02A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S6-2'	E311194-03A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S6-3'	E311194-04A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S6-4'	E311194-05A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S7-1'	E311194-06A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S7-2'	E311194-07A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S7-3'	E311194-08A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S7-4'	E311194-09A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S8-1'	E311194-10A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S8-2'	E311194-11A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S8-3'	E311194-12A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S8-4'	E311194-13A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S9-1'	E311194-14A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S9-2'	E311194-15A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S9-3'	E311194-16A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S9-4'	E311194-17A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S10-1'	E311194-18A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S10-2'	E311194-19A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S10-3'	E311194-20A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S10-4'	E311194-21A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S11-1'	E311194-22A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S11-2'	E311194-23A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S11-3'	E311194-24A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
S11-4'	E311194-25A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.
BG1	E311194-26A	Soil	11/17/23	11/22/23	Glass Jar, 2 oz.



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/4/2023 4:40:52PM

S5-4'

E311194-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene	98.6 %	70-130		11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4	98.0 %	70-130		11/22/23	11/29/23	
Surrogate: Toluene-d8	111 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene	98.6 %	70-130		11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4	98.0 %	70-130		11/22/23	11/29/23	
Surrogate: Toluene-d8	111 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348032
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/23	11/30/23	
Surrogate: n-Nonane	87.8 %	50-200		11/28/23	11/30/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348027
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/4/2023 4:40:52PM

S6-1'

E311194-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene	99.4 %	70-130		11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		11/22/23	11/29/23	
Surrogate: Toluene-d8	112 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene	99.4 %	70-130		11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		11/22/23	11/29/23	
Surrogate: Toluene-d8	112 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348032
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/23	11/30/23	
Surrogate: n-Nonane	80.9 %	50-200		11/28/23	11/30/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348027
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/4/2023 4:40:52PM

S6-2'

E311194-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene	97.4 %	70-130		11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		11/22/23	11/29/23	
Surrogate: Toluene-d8	110 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene	97.4 %	70-130		11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		11/22/23	11/29/23	
Surrogate: Toluene-d8	110 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348032
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/23	11/30/23	
Surrogate: n-Nonane	77.5 %	50-200		11/28/23	11/30/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348027
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Galapagos 14 CTB 2	Reported: 12/4/2023 4:40:52PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

S6-3'

E311194-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2347088	
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene		101 %	70-130	11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	11/22/23	11/29/23	
Surrogate: Toluene-d8		110 %	70-130	11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2347088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene		101 %	70-130	11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	11/22/23	11/29/23	
Surrogate: Toluene-d8		110 %	70-130	11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2348032	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/23	11/30/23	
Surrogate: n-Nonane		80.2 %	50-200	11/28/23	11/30/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2348027	
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/4/2023 4:40:52PM

S6-4'

E311194-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene	98.4 %	70-130		11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		11/22/23	11/29/23	
Surrogate: Toluene-d8	114 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene	98.4 %	70-130		11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		11/22/23	11/29/23	
Surrogate: Toluene-d8	114 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348032
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/23	11/30/23	
Surrogate: n-Nonane	79.4 %	50-200		11/28/23	11/30/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348027
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Galapagos 14 CTB 2	Reported: 12/4/2023 4:40:52PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

S7-1'

E311194-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS		Batch: 2347088	
Benzene	ND	0.0250	1	11/22/23	11/30/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/30/23	
Toluene	ND	0.0250	1	11/22/23	11/30/23	
o-Xylene	ND	0.0250	1	11/22/23	11/30/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/30/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/30/23	
Surrogate: Bromofluorobenzene	96.9 %	70-130		11/22/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4	97.7 %	70-130		11/22/23	11/30/23	
Surrogate: Toluene-d8	115 %	70-130		11/22/23	11/30/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS		Batch: 2347088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/30/23	
Surrogate: Bromofluorobenzene	96.9 %	70-130		11/22/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4	97.7 %	70-130		11/22/23	11/30/23	
Surrogate: Toluene-d8	115 %	70-130		11/22/23	11/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2348032	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/23	11/30/23	
Surrogate: n-Nonane	62.4 %	50-200		11/28/23	11/30/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2348027	
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Galapagos 14 CTB 2	Reported: 12/4/2023 4:40:52PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

S7-2'

E311194-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS		Batch: 2347088	
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene		102 %	70-130	11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	11/22/23	11/29/23	
Surrogate: Toluene-d8		112 %	70-130	11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS		Batch: 2347088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene		102 %	70-130	11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	11/22/23	11/29/23	
Surrogate: Toluene-d8		112 %	70-130	11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2348032	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/23	11/30/23	
Surrogate: n-Nonane		72.3 %	50-200	11/28/23	11/30/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2348027	
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Galapagos 14 CTB 2	Reported: 12/4/2023 4:40:52PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

S7-3'

E311194-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene	99.6 %	70-130		11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		11/22/23	11/29/23	
Surrogate: Toluene-d8	110 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene	99.6 %	70-130		11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		11/22/23	11/29/23	
Surrogate: Toluene-d8	110 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348032
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/23	11/30/23	
Surrogate: n-Nonane	76.7 %	50-200		11/28/23	11/30/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348027
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/4/2023 4:40:52PM

S7-4'

E311194-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene		100 %	70-130	11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	11/22/23	11/29/23	
Surrogate: Toluene-d8		109 %	70-130	11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene		100 %	70-130	11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	11/22/23	11/29/23	
Surrogate: Toluene-d8		109 %	70-130	11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348032
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/23	11/30/23	
Surrogate: n-Nonane		79.0 %	50-200	11/28/23	11/30/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348027
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Galapagos 14 CTB 2	Reported: 12/4/2023 4:40:52PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

S8-1'

E311194-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS		Batch: 2347088	
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene	97.5 %	70-130		11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4	99.6 %	70-130		11/22/23	11/29/23	
Surrogate: Toluene-d8	111 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS		Batch: 2347088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene	97.5 %	70-130		11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4	99.6 %	70-130		11/22/23	11/29/23	
Surrogate: Toluene-d8	111 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2348032	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/23	11/30/23	
Surrogate: n-Nonane	78.4 %	50-200		11/28/23	11/30/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2348027	
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Galapagos 14 CTB 2	Reported: 12/4/2023 4:40:52PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

S8-2'

E311194-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene		101 %	70-130	11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130	11/22/23	11/29/23	
Surrogate: Toluene-d8		111 %	70-130	11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene		101 %	70-130	11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130	11/22/23	11/29/23	
Surrogate: Toluene-d8		111 %	70-130	11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348032
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/23	11/30/23	
Surrogate: n-Nonane		80.2 %	50-200	11/28/23	11/30/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348027
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Galapagos 14 CTB 2	Reported: 12/4/2023 4:40:52PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

S8-3'

E311194-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS		Batch: 2347088	
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene	97.3 %	70-130		11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4	99.4 %	70-130		11/22/23	11/29/23	
Surrogate: Toluene-d8	112 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS		Batch: 2347088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene	97.3 %	70-130		11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4	99.4 %	70-130		11/22/23	11/29/23	
Surrogate: Toluene-d8	112 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2348032	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/23	11/30/23	
Surrogate: n-Nonane	85.5 %	50-200		11/28/23	11/30/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2348027	
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/4/2023 4:40:52PM

S8-4'

E311194-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene	98.7 %	70-130		11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		11/22/23	11/29/23	
Surrogate: Toluene-d8	113 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene	98.7 %	70-130		11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		11/22/23	11/29/23	
Surrogate: Toluene-d8	113 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348032
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/23	11/30/23	
Surrogate: n-Nonane	79.2 %	50-200		11/28/23	11/30/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348027
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/4/2023 4:40:52PM

S9-1'

E311194-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene	98.3 %	70-130		11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4	99.9 %	70-130		11/22/23	11/29/23	
Surrogate: Toluene-d8	112 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene	98.3 %	70-130		11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4	99.9 %	70-130		11/22/23	11/29/23	
Surrogate: Toluene-d8	112 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348032
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/23	11/30/23	
Surrogate: n-Nonane	80.0 %	50-200		11/28/23	11/30/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348027
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/4/2023 4:40:52PM

S9-2'

E311194-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene	99.4 %	70-130		11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		11/22/23	11/29/23	
Surrogate: Toluene-d8	109 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene	99.4 %	70-130		11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		11/22/23	11/29/23	
Surrogate: Toluene-d8	109 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348032
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/23	11/30/23	
Surrogate: n-Nonane	78.7 %	50-200		11/28/23	11/30/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348027
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Galapagos 14 CTB 2	Reported: 12/4/2023 4:40:52PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

S9-3'

E311194-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Benzene	ND	0.0250	1	11/22/23	11/29/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/29/23	
Toluene	ND	0.0250	1	11/22/23	11/29/23	
o-Xylene	ND	0.0250	1	11/22/23	11/29/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/29/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene	97.7 %	70-130		11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4	98.8 %	70-130		11/22/23	11/29/23	
Surrogate: Toluene-d8	110 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/29/23	
Surrogate: Bromofluorobenzene	97.7 %	70-130		11/22/23	11/29/23	
Surrogate: 1,2-Dichloroethane-d4	98.8 %	70-130		11/22/23	11/29/23	
Surrogate: Toluene-d8	110 %	70-130		11/22/23	11/29/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348032
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/23	11/30/23	
Surrogate: n-Nonane	75.1 %	50-200		11/28/23	11/30/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348027
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/4/2023 4:40:52PM

S9-4'

E311194-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Benzene	ND	0.0250	1	11/22/23	11/30/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/30/23	
Toluene	ND	0.0250	1	11/22/23	11/30/23	
o-Xylene	ND	0.0250	1	11/22/23	11/30/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/30/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/30/23	
Surrogate: Bromofluorobenzene	98.0 %	70-130		11/22/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130		11/22/23	11/30/23	
Surrogate: Toluene-d8	112 %	70-130		11/22/23	11/30/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/30/23	
Surrogate: Bromofluorobenzene	98.0 %	70-130		11/22/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130		11/22/23	11/30/23	
Surrogate: Toluene-d8	112 %	70-130		11/22/23	11/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348032
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/23	11/30/23	
Surrogate: n-Nonane	76.4 %	50-200		11/28/23	11/30/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348027
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/4/2023 4:40:52PM

S10-1'

E311194-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Benzene	ND	0.0250	1	11/22/23	11/30/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/30/23	
Toluene	ND	0.0250	1	11/22/23	11/30/23	
o-Xylene	ND	0.0250	1	11/22/23	11/30/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/30/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/30/23	
Surrogate: Bromofluorobenzene	99.8 %	70-130		11/22/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4	97.5 %	70-130		11/22/23	11/30/23	
Surrogate: Toluene-d8	111 %	70-130		11/22/23	11/30/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/30/23	
Surrogate: Bromofluorobenzene	99.8 %	70-130		11/22/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4	97.5 %	70-130		11/22/23	11/30/23	
Surrogate: Toluene-d8	111 %	70-130		11/22/23	11/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348032
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/23	11/30/23	
Surrogate: n-Nonane	78.2 %	50-200		11/28/23	11/30/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348027
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Galapagos 14 CTB 2	Reported: 12/4/2023 4:40:52PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

S10-2'

E311194-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2347088	
Benzene	ND	0.0250	1	11/22/23	11/30/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/30/23	
Toluene	ND	0.0250	1	11/22/23	11/30/23	
o-Xylene	ND	0.0250	1	11/22/23	11/30/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/30/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/30/23	
Surrogate: Bromofluorobenzene	98.7 %	70-130		11/22/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4	97.2 %	70-130		11/22/23	11/30/23	
Surrogate: Toluene-d8	112 %	70-130		11/22/23	11/30/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2347088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/30/23	
Surrogate: Bromofluorobenzene	98.7 %	70-130		11/22/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4	97.2 %	70-130		11/22/23	11/30/23	
Surrogate: Toluene-d8	112 %	70-130		11/22/23	11/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2348032	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/23	11/30/23	
Surrogate: n-Nonane	75.1 %	50-200		11/28/23	11/30/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2348027	
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/4/2023 4:40:52PM

S10-3'

E311194-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Benzene	ND	0.0250	1	11/22/23	11/30/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/30/23	
Toluene	ND	0.0250	1	11/22/23	11/30/23	
o-Xylene	ND	0.0250	1	11/22/23	11/30/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/30/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/30/23	
Surrogate: Bromofluorobenzene	97.3 %	70-130		11/22/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		11/22/23	11/30/23	
Surrogate: Toluene-d8	111 %	70-130		11/22/23	11/30/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/30/23	
Surrogate: Bromofluorobenzene	97.3 %	70-130		11/22/23	11/30/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		11/22/23	11/30/23	
Surrogate: Toluene-d8	111 %	70-130		11/22/23	11/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348032
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/23	11/30/23	
Surrogate: n-Nonane	78.4 %	50-200		11/28/23	11/30/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348027
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Galapagos 14 CTB 2	Reported: 12/4/2023 4:40:52PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

S10-4'

E311194-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS		Batch: 2347082	
Benzene	ND	0.0250	1	11/22/23	11/23/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/23/23	
Toluene	ND	0.0250	1	11/22/23	11/23/23	
o-Xylene	ND	0.0250	1	11/22/23	11/23/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/23/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/23/23	
Surrogate: 4-Bromochlorobenzene-PID	89.7 %	70-130		11/22/23	11/23/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS		Batch: 2347082	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/23/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.0 %	70-130		11/22/23	11/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2348044	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/23	11/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/23	11/28/23	
Surrogate: n-Nonane	95.2 %	50-200		11/28/23	11/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2348025	
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/4/2023 4:40:52PM

S11-1'

E311194-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347082
Benzene	ND	0.0250	1	11/22/23	11/23/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/23/23	
Toluene	ND	0.0250	1	11/22/23	11/23/23	
o-Xylene	ND	0.0250	1	11/22/23	11/23/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/23/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/23/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.0 %	70-130		11/22/23	11/23/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347082
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/23/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.1 %	70-130		11/22/23	11/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348044
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/23	11/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/23	11/28/23	
<i>Surrogate: n-Nonane</i>						
	95.9 %	50-200		11/28/23	11/28/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348025
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Galapagos 14 CTB 2	Reported: 12/4/2023 4:40:52PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

S11-2'

E311194-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS		Batch: 2347082	
Benzene	ND	0.0250	1	11/22/23	11/23/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/23/23	
Toluene	ND	0.0250	1	11/22/23	11/23/23	
o-Xylene	ND	0.0250	1	11/22/23	11/23/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/23/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/23/23	
Surrogate: 4-Bromochlorobenzene-PID	89.5 %	70-130		11/22/23	11/23/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS		Batch: 2347082	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/23/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.5 %	70-130		11/22/23	11/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2348044	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/23	11/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/23	11/28/23	
Surrogate: n-Nonane	101 %	50-200		11/28/23	11/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2348025	
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/4/2023 4:40:52PM

S11-3'

E311194-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347082
Benzene	ND	0.0250	1	11/22/23	11/23/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/23/23	
Toluene	ND	0.0250	1	11/22/23	11/23/23	
o-Xylene	ND	0.0250	1	11/22/23	11/23/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/23/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/23/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.6 %	70-130		11/22/23	11/23/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347082
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/23/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.1 %	70-130		11/22/23	11/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348044
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/23	11/29/23	
<i>Surrogate: n-Nonane</i>						
	95.3 %	50-200		11/28/23	11/29/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348025
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Galapagos 14 CTB 2	Reported: 12/4/2023 4:40:52PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

S11-4'

E311194-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS		Batch: 2347082	
Benzene	ND	0.0250	1	11/22/23	11/23/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/23/23	
Toluene	ND	0.0250	1	11/22/23	11/23/23	
o-Xylene	ND	0.0250	1	11/22/23	11/23/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/23/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/23/23	
Surrogate: 4-Bromochlorobenzene-PID	90.4 %	70-130		11/22/23	11/23/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS		Batch: 2347082	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/23/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	94.8 %	70-130		11/22/23	11/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2348044	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/23	11/29/23	
Surrogate: n-Nonane	99.2 %	50-200		11/28/23	11/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2348025	
Chloride	ND	20.0	1	11/27/23	11/28/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Galapagos 14 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/4/2023 4:40:52PM

BG1

E311194-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347082
Benzene	ND	0.0250	1	11/22/23	11/23/23	
Ethylbenzene	ND	0.0250	1	11/22/23	11/23/23	
Toluene	ND	0.0250	1	11/22/23	11/23/23	
o-Xylene	ND	0.0250	1	11/22/23	11/23/23	
p,m-Xylene	ND	0.0500	1	11/22/23	11/23/23	
Total Xylenes	ND	0.0250	1	11/22/23	11/23/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.7 %	70-130		11/22/23	11/23/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347082
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/22/23	11/23/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.9 %	70-130		11/22/23	11/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348044
Diesel Range Organics (C10-C28)	ND	25.0	1	11/28/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/28/23	11/29/23	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		11/28/23	11/29/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348025
Chloride	ND	20.0	1	11/27/23	11/28/23	



Pima Environmental Services-Carlsbad	Project Name:	Galapagos 14 CTB 2	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	12/4/2023 4:40:52PM

Volatile Organic Compounds by EPA 8260B

Analyst: RAS

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

Blank (2347088-BLK1)

Prepared: 11/22/23 Analyzed: 11/30/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.493		0.500		98.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.505		0.500		101	70-130			
Surrogate: Toluene-d8	0.556		0.500		111	70-130			

LCS (2347088-BS1)

Prepared: 11/22/23 Analyzed: 11/30/23

Benzene	2.42	0.0250	2.50		96.9	70-130			
Ethylbenzene	2.62	0.0250	2.50		105	70-130			
Toluene	2.70	0.0250	2.50		108	70-130			
o-Xylene	2.48	0.0250	2.50		99.0	70-130			
p,m-Xylene	5.00	0.0500	5.00		100	70-130			
Total Xylenes	7.47	0.0250	7.50		99.7	70-130			
Surrogate: Bromofluorobenzene	0.475		0.500		94.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.469		0.500		93.7	70-130			
Surrogate: Toluene-d8	0.562		0.500		112	70-130			

Matrix Spike (2347088-MS1)

Source: E311194-06 Prepared: 11/22/23 Analyzed: 11/30/23

Benzene	2.31	0.0250	2.50	ND	92.3	48-131			
Ethylbenzene	2.53	0.0250	2.50	ND	101	45-135			
Toluene	2.54	0.0250	2.50	ND	102	48-130			
o-Xylene	2.43	0.0250	2.50	ND	97.1	43-135			
p,m-Xylene	4.90	0.0500	5.00	ND	98.0	43-135			
Total Xylenes	7.33	0.0250	7.50	ND	97.7	43-135			
Surrogate: Bromofluorobenzene	0.486		0.500		97.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		100	70-130			
Surrogate: Toluene-d8	0.543		0.500		109	70-130			

Matrix Spike Dup (2347088-MSD1)

Source: E311194-06 Prepared: 11/22/23 Analyzed: 11/30/23

Benzene	2.67	0.0250	2.50	ND	107	48-131	14.5	23	
Ethylbenzene	2.68	0.0250	2.50	ND	107	45-135	5.97	27	
Toluene	2.80	0.0250	2.50	ND	112	48-130	9.67	24	
o-Xylene	2.54	0.0250	2.50	ND	102	43-135	4.63	27	
p,m-Xylene	5.20	0.0500	5.00	ND	104	43-135	5.90	27	
Total Xylenes	7.74	0.0250	7.50	ND	103	43-135	5.48	27	
Surrogate: Bromofluorobenzene	0.483		0.500		96.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.8	70-130			
Surrogate: Toluene-d8	0.554		0.500		111	70-130			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Galapagos 14 CTB 2	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	12/4/2023 4:40:52PM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2347082-BLK1) Prepared: 11/22/23 Analyzed: 11/22/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.70		8.00		96.2	70-130			

LCS (2347082-BS1) Prepared: 11/22/23 Analyzed: 11/22/23

Benzene	5.01	0.0250	5.00		100	70-130			
Ethylbenzene	4.81	0.0250	5.00		96.2	70-130			
Toluene	5.00	0.0250	5.00		99.9	70-130			
o-Xylene	4.93	0.0250	5.00		98.5	70-130			
p,m-Xylene	9.94	0.0500	10.0		99.4	70-130			
Total Xylenes	14.9	0.0250	15.0		99.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.82		8.00		97.7	70-130			

Matrix Spike (2347082-MS1) Source: E311191-01 Prepared: 11/22/23 Analyzed: 11/22/23

Benzene	5.12	0.0250	5.00	ND	102	54-133			
Ethylbenzene	4.91	0.0250	5.00	ND	98.2	61-133			
Toluene	5.11	0.0250	5.00	ND	102	61-130			
o-Xylene	5.03	0.0250	5.00	ND	101	63-131			
p,m-Xylene	10.1	0.0500	10.0	ND	101	63-131			
Total Xylenes	15.2	0.0250	15.0	ND	101	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.77		8.00		97.2	70-130			

Matrix Spike Dup (2347082-MSD1) Source: E311191-01 Prepared: 11/22/23 Analyzed: 11/22/23

Benzene	5.04	0.0250	5.00	ND	101	54-133	1.66	20	
Ethylbenzene	4.84	0.0250	5.00	ND	96.8	61-133	1.42	20	
Toluene	5.03	0.0250	5.00	ND	101	61-130	1.52	20	
o-Xylene	4.96	0.0250	5.00	ND	99.3	63-131	1.33	20	
p,m-Xylene	9.99	0.0500	10.0	ND	99.9	63-131	1.52	20	
Total Xylenes	15.0	0.0250	15.0	ND	99.7	63-131	1.46	20	
Surrogate: 4-Bromochlorobenzene-PID	7.78		8.00		97.3	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Galapagos 14 CTB 2	Reported: 12/4/2023 4:40:52PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2347082-BLK1) Prepared: 11/22/23 Analyzed: 11/22/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.40		8.00		92.5	70-130			

LCS (2347082-BS2) Prepared: 11/22/23 Analyzed: 11/22/23

Gasoline Range Organics (C6-C10)	49.5	20.0	50.0		99.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.47		8.00		93.4	70-130			

Matrix Spike (2347082-MS2) Source: E311191-01 Prepared: 11/22/23 Analyzed: 11/22/23

Gasoline Range Organics (C6-C10)	48.9	20.0	50.0	ND	97.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		8.00		94.2	70-130			

Matrix Spike Dup (2347082-MSD2) Source: E311191-01 Prepared: 11/22/23 Analyzed: 11/22/23

Gasoline Range Organics (C6-C10)	48.5	20.0	50.0	ND	97.0	70-130	0.931	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.47		8.00		93.3	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Galapagos 14 CTB 2	Reported: 12/4/2023 4:40:52PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2347088-BLK1) Prepared: 11/22/23 Analyzed: 11/30/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.493		0.500		98.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.505		0.500		101	70-130			
Surrogate: Toluene-d8	0.556		0.500		111	70-130			

LCS (2347088-BS2) Prepared: 11/22/23 Analyzed: 11/30/23

Gasoline Range Organics (C6-C10)	56.8	20.0	50.0		114	70-130			
Surrogate: Bromofluorobenzene	0.511		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.4	70-130			
Surrogate: Toluene-d8	0.568		0.500		114	70-130			

Matrix Spike (2347088-MS2) Source: E311194-06 Prepared: 11/22/23 Analyzed: 11/30/23

Gasoline Range Organics (C6-C10)	56.4	20.0	50.0	ND	113	70-130			
Surrogate: Bromofluorobenzene	0.505		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.503		0.500		101	70-130			
Surrogate: Toluene-d8	0.572		0.500		114	70-130			

Matrix Spike Dup (2347088-MSD2) Source: E311194-06 Prepared: 11/22/23 Analyzed: 11/30/23

Gasoline Range Organics (C6-C10)	56.3	20.0	50.0	ND	113	70-130	0.0790	20	
Surrogate: Bromofluorobenzene	0.507		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.506		0.500		101	70-130			
Surrogate: Toluene-d8	0.563		0.500		113	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Galapagos 14 CTB 2	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	12/4/2023 4:40:52PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2348032-BLK1)					Prepared: 11/28/23 Analyzed: 11/30/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	41.7		50.0		83.4	50-200			

LCS (2348032-BS1)					Prepared: 11/28/23 Analyzed: 11/30/23				
Diesel Range Organics (C10-C28)	239	25.0	250		95.7	38-132			
Surrogate: n-Nonane	42.5		50.0		84.9	50-200			

Matrix Spike (2348032-MS1)					Source: E311194-10		Prepared: 11/28/23 Analyzed: 11/30/23		
Diesel Range Organics (C10-C28)	235	25.0	250	ND	94.1	38-132			
Surrogate: n-Nonane	41.5		50.0		83.0	50-200			

Matrix Spike Dup (2348032-MSD1)					Source: E311194-10		Prepared: 11/28/23 Analyzed: 11/30/23		
Diesel Range Organics (C10-C28)	240	25.0	250	ND	96.0	38-132	1.95	20	
Surrogate: n-Nonane	42.4		50.0		84.8	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Galapagos 14 CTB 2	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	12/4/2023 4:40:52PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2348044-BLK1)					Prepared: 11/28/23 Analyzed: 11/28/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.4		50.0		96.9	50-200			

LCS (2348044-BS1)					Prepared: 11/28/23 Analyzed: 11/28/23				
Diesel Range Organics (C10-C28)	247	25.0	250		98.7	38-132			
Surrogate: n-Nonane	49.9		50.0		99.9	50-200			

Matrix Spike (2348044-MS1)					Source: E311208-01		Prepared: 11/28/23 Analyzed: 11/28/23		
Diesel Range Organics (C10-C28)	244	25.0	250	ND	97.6	38-132			
Surrogate: n-Nonane	48.6		50.0		97.2	50-200			

Matrix Spike Dup (2348044-MSD1)					Source: E311208-01		Prepared: 11/28/23 Analyzed: 11/28/23		
Diesel Range Organics (C10-C28)	243	25.0	250	ND	97.4	38-132	0.204	20	
Surrogate: n-Nonane	48.5		50.0		97.0	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Galapagos 14 CTB 2	Reported: 12/4/2023 4:40:52PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2348025-BLK1)						Prepared: 11/27/23 Analyzed: 11/28/23			
Chloride	ND	20.0							
LCS (2348025-BS1)						Prepared: 11/27/23 Analyzed: 11/28/23			
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2348025-MS1)				Source: E311176-43		Prepared: 11/27/23 Analyzed: 11/28/23			
Chloride	239	200	250	ND	95.7	80-120			
Matrix Spike Dup (2348025-MSD1)				Source: E311176-43		Prepared: 11/27/23 Analyzed: 11/28/23			
Chloride	244	200	250	ND	97.5	80-120	1.84	20	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Galapagos 14 CTB 2	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	12/4/2023 4:40:52PM

Anions by EPA 300.0/9056A

Analyst: BA

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

Blank (2348027-BLK1)					Prepared: 11/27/23 Analyzed: 11/28/23				
Chloride	ND	20.0							
LCS (2348027-BS1)					Prepared: 11/27/23 Analyzed: 11/28/23				
Chloride	247	20.0	250		98.8	90-110			
Matrix Spike (2348027-MS1)					Source: E311194-04		Prepared: 11/27/23 Analyzed: 11/28/23		
Chloride	249	20.0	250	ND	99.7	80-120			
Matrix Spike Dup (2348027-MSD1)					Source: E311194-04		Prepared: 11/27/23 Analyzed: 11/28/23		
Chloride	247	20.0	250	ND	99.0	80-120	0.709	20	

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



Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Galapagos 14 CTB 2	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	12/04/23 16:40

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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

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



Project Information

Chain of Custody

Client: Pima Environmental Services Project: Galapagos 14 CTB2 Project Manager: Tom Bynum Address: 5614 N. Lovington Hwy. City, State, Zip: Hobbs, NM, 88240 Phone: 580-748-1613 Email: tom@pimaoil.com Report due by:					Bill To Attention: Devon Address: City, State, Zip: Phone: Email: Pima Project # R352-1					Lab Use Only Lab WO# E31194 Job Number 01058-0007 Analysis and Method DRO/ORO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX					TAT 1D 2D 3D Standard X				EPA Program CWA SDWA RCRA State NM CO UT AZ TX X	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number														Remarks	
9:41	11/17	S		S5-4'	1										X					
9:43				S6-1'	2															
9:51				S6-2'	3															
10:09				S6-3'	4															
10:15				S6-4'	5															
10:18				S7-1'	6															
10:21				S7-2'	7															
10:25				S7-3'	8															
10:31				S7-4'	9															
10:38				S8-1'	10															
Additional Instructions: B# 21211670																				
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.										Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.										
Relinquished by: (Signature) Karime Adame		Date 11/21/23		Time 1510		Received by: (Signature) Jordan Mufw		Date 11/21/23		Time 1510		Received on ice: Y/N								
Relinquished by: (Signature)		Date 11-21-23		Time 1740		Received by: (Signature)		Date 11/22/23		Time 7:30		T1 T2 T3								
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		AVG Temp °C 4								
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA										
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																				



Client: Pima Environmental Services		Bill To		Lab Use Only		TAT				EPA Program				
Project: Galapagos HCTB2		Attention: Devon		Lab WCH		Job Number		1D	2D	3D	Standard	CWA	SDWA	
Project Manager: Tom Bynum		Address:		E31194		01058-0007					Y			
Address: 5614 N. Lovington Hwy.		City, State, Zip		Analysis and Method										
City, State, Zip Hobbs, NM, 88240		Phone:												
Phone: 580-748-1613		Email:												
Email: tom@pimaoil.com		Pima Project # R352-1												
Report due by:														
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
11:39	11/17	S		S10-4'	21							X		
11:43				S11-1'	22									
11:47				S11-2'	23									
11:51				S11-3'	24									
11:53				S11-4'	25									
11:59				BG1	26									
Additional Instructions:														
B# 21211670														
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.														
Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.														
Relinquished by: (Signature) Karime Adame														
Relinquished by: (Signature) 11/21/23 1510														
Relinquished by: (Signature) 11/21/23 1740														
Relinquished by: (Signature)														
Received by: (Signature) 11/21/23 1510														
Received by: (Signature) 11/22/23 7:30														
Received by: (Signature)														
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other														
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA														
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.														

Envirotech Analytical Laboratory

Printed: 11/22/2023 9:03:36AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Pima Environmental Services-Carlsbad	Date Received:	11/21/23 07:30	Work Order ID:	E311194
Phone:	(575) 631-6977	Date Logged In:	11/21/23 16:20	Logged In By:	Jordan Montano
Email:	tom@pimaoil.com	Due Date:	11/29/23 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/Resolution

COC spilt into two work orders due to the volume of samples.

E311193-E311194.

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:

Sample ID?	Yes
Date/Time Collected?	No
Collectors name?	No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

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 350223

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:
	6137
	Action Number:
	350223
Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2207536482
Incident Name	NAPP2207536482 GALAPAGOS 14 CTB 2 @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received

Location of Release Source*Please answer all the questions in this group.*

Site Name	GALAPAGOS 14 CTB 2
Date Release Discovered	03/15/2022
Surface Owner	Federal

Incident Details*Please answer all the questions in this group.*

Incident Type	Produced Water Release
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	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Pump Produced Water Released: 35 BBL Recovered: 35 BBL Lost: 0 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)	Lease Operator arrived at location and noticed water spraying out of the discharge side of the water transfer pump. There was a 3" nipple leaking. The operator shut off the water transfer pump, isolated the pump to stop the leak. A vacuum truck was dispatched to recover fluids. Fluids did not leave lined containment. Fluids did not impact the pad. Fluids did not leave the location.

District I

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District III

1000 Rio Brazos Rd., Aztec, NM 87410
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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, Page 2

Action 350223

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	350223
	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	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
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: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmv.com Date: 06/03/2024
--	--

District I

1625 N. French Dr., Hobbs, NM 88240
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District II

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QUESTIONS, Page 3

Action 350223

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 350223
	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 26 and 50 (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	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 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	Between 1 and 5 (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
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
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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	11/17/2023
On what date will (or did) the final sampling or liner inspection occur	11/17/2023
On what date will (or was) the remediation complete(d)	11/17/2023
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	0
What is the estimated volume (in cubic yards) that will be remediated	0

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 350223

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 350223
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>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.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	<i>Not answered.</i>
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	<i>Not answered.</i>
(In Situ) Soil Vapor Extraction	<i>Not answered.</i>
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	<i>Not answered.</i>
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	<i>Not answered.</i>
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	<i>Not answered.</i>
Ground Water Abatement pursuant to 19.15.30 NMAC	<i>Not answered.</i>
OTHER (Non-listed remedial process)	Yes
Other Non-listed Remedial Process. Please specify	samples were collected from beneath tears and the liner and submitted to laboratory for analysis.
<i>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>	
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: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 06/03/2024
<i>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.</i>	

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QUESTIONS, Page 5

Action 350223

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 350223
	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 350223

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 350223
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	350261
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/17/2023
What was the (estimated) number of samples that were to be gathered	5
What was the sampling surface area in square feet	5

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	0
What was the total volume (cubic yards) remediated	0
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)	liner inspection indicated tears in the liner. Samples were collected beneath the liner and were non-detect. Liner was subsequently patched.

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: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 06/03/2024
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QUESTIONS, Page 7

Action 350223

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 350223
	Action Type: [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 350223

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:
	6137
	Action Number:
	350223
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

CONDITIONS

Created By	Condition	Condition Date
amaxwell	Remediation approved.	6/10/2024
amaxwell	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	6/10/2024