

Incident ID	nAPP2230425901
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<50 (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

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

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

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Closure

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

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

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

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

Printed Name: Dale Woodall Title: EHS Professional

Signature: Dale Woodall Date: 2/22/2023

email: dale.woodall@dnv.com Telephone: 575-748-1838

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

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Printed Name: Dale Woodall Title: EHS Professional
Signature: Dale Woodall Date: 2/22/2023
email: dale.woodall@dvn.com Telephone: 575-748-1838

OCD Only

Received by: Robert Hamlet Date: 6/23/2023

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

Closure Approved by: Robert Hamlet Date: 6/23/2023
Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced



Pima Environmental Services
5614 N. Lovington Highway
Hobbs, NM 88240
575-964-7740

February 21, 2023

NMOCD District 2
 811 S. First Street
 Artesia, NM 88210

Re: Site Assessment, Remediation, and Closure Report
Bellatrix 28 Fed Com 8H
API No. 30-015-42371
GPS: Latitude 32.627869 Longitude -103.883354
UL -- I, 29, T19S, R31E
Eddy County, NM
NMOCD Ref. No. NAPP2230425901

Pima Environmental Services, LLC. (Pima) has been contracted by Devon Energy Production Company, LP (Devon) to perform a spill assessment, remediation activities, and submit this closure report for a Crude oil release that occurred at the Bellatrix 28 Fed Com 8H (Bellatrix). The initial C-141 was submitted on November 10, 2022 (Appendix C). This incident was assigned Incident ID NAPP2230425901 by the New Mexico Oil Conservation Division (NMOCD).

Site Characterization

The Bellatrix is located approximately fourteen (14) miles south of Loco Hills, NM. This spill site is in Unit I, Section 29, Township 19S, Range 31E, Latitude 32.627869 Longitude -103.883354, Eddy County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is made up of Interlayered eolian sands and piedmont-slope deposits along the eastern flank of the Pecos River valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits. The soil in this area is made up of Simona and Wink fine sands, 0 to 3 percent slopes according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage class in this area is well drained. There is a low potential for karst geology to be present around the Bellatrix (Figure 3).

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is 140 feet below grade surface (BGS). According to the United States Geological Survey (USGS), the nearest groundwater is 188 feet BGS. The closest waterway is a pond located approximately 4.28 miles to the southwest of this location. See Appendix A for referenced water surveys.

Table 1 NMAC and Closure Criteria 19.15.29

Depth to Groundwater (Appendix A)	Constituent & Limits				
	Chlorides	Total TPH	GRO+DRO	BTEX	Benzene
<50' (Lack of GW data)	600 mg/kg	100 mg/kg		50 mg/kg	10 mg/kg
51-100'	10,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg
>100'	20,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg

Reference Figure 2 for a Topographic Map.

Bellatrix 28 Fed Com 8H|Devon Energy

Release Information

NAPP2230425901: On October 30, 2022, A flowline caused fluid released on to pad. The released fluids were calculated to be approximately 5.88 barrels (bbls) of crude oil. Vacuum truck was able to recover approximately 4 bbls of standing fluid.

Remediation Activities, Site Assessment, and Soil Sampling Results

On November 4, 2022, Pima mobilized personnel to the site to begin collecting soil samples from spill area. The laboratory results of this sampling event can be found in the following data table. A Site Map can be found in Figure 4.

11-4-22 and 11-15-22 Soil Sample Results									
NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')									
DEVON ENERGY -BELLATRIX 28 FED COM 8H									
NM Approved Laboratory Results									
Sample ID	Sample Date	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
S-1	11/4/2022	1'	ND	ND	ND	134	61.2	195.2	22000
		2'	ND	ND	ND	38.1	ND	38.1	26200
		3'	ND	ND	ND	ND	ND	0	31800
		4'	ND	ND	ND	ND	ND	0	4870
	11/15/2022	5'	ND	ND	ND	ND	ND	0	ND
		6'	ND	ND	ND	ND	ND	0	ND
S-2	11/4/2022	1'	ND	ND	ND	ND	ND	0	12300
		2'	ND	ND	ND	ND	ND	0	4530
		3'	ND	ND	ND	ND	ND	0	28200
		4'	ND	ND	ND	ND	ND	0	7540
	11/15/2022	5'	ND	ND	ND	ND	ND	0	ND
		6'	ND	ND	ND	ND	ND	0	ND
S-3	11/4/2022	1'	ND	ND	ND	ND	ND	0	3380
		2'	ND	ND	ND	ND	ND	0	2000
		3'	ND	ND	ND	383	153	536	20000
		4'	ND	ND	ND	33.5	ND	33.5	4860
	11/15/2022	5'	ND	ND	ND	ND	ND	0	ND
		6'	ND	ND	ND	ND	ND	0	ND
SW-1	11/4/2022	6"	0.512	ND	ND	ND	ND	0.512	ND
SW-2		6"	0.399	ND	ND	ND	ND	0.399	ND
SW-3		6"	ND	ND	ND	ND	ND	0	ND
SW-4		6"	ND	ND	ND	ND	ND	0	ND
SW-5		6"	ND	ND	ND	ND	ND	0	ND
BG 1		6"	ND	ND	ND	ND	ND	0	ND
BG 2		6"	ND	ND	ND	ND	ND	0	ND

ND- Analyte Not Detected

On January 23, 2023, the Devon Construction Department mobilized personnel and equipment to begin immediate remediation activities. They began excavating the area to a depth of 5' BGS. The contaminated soil was hauled to an approved, lined disposal facility and clean backfill material was brought in.

On January 29, 2023, after sending a 48-hour notification (Appendix C), Pima returned to the site to collect confirmation samples of the excavation. The results of this sampling event can be found in the following table. A Confirmation Sample Map can be found in Figure 5.

1-29-23 Confirmation Sample Results									
NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')									
DEVON ENERGY -BELLATRIX 28 FED COM 8H									
Sample Date: 1/29/2023		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	Cl mg/kg	
CS-1	5'	ND	ND	ND	ND	ND	ND	ND	
CS-2	5'	ND	ND	ND	ND	ND	ND	ND	
CS-3	5'	ND	ND	ND	ND	ND	ND	ND	
CS-4	5'	ND	ND	ND	ND	ND	ND	ND	
CS-5	5'	ND	ND	ND	ND	ND	ND	ND	
CS-6	5'	ND	ND	ND	ND	ND	ND	ND	
CS-7	5'	ND	ND	ND	ND	ND	ND	ND	
CS-8	5'	ND	ND	ND	ND	ND	ND	ND	
CSW-1	5'	ND	ND	ND	ND	ND	ND	ND	
CSW-2	5'	ND	ND	ND	ND	ND	ND	ND	
CSW-3	5'	ND	ND	ND	ND	ND	ND	ND	
CSW-4	5'	ND	ND	ND	ND	ND	ND	ND	
CSW-5	5'	ND	ND	ND	ND	ND	ND	ND	
CSW-6	5'	ND	ND	ND	ND	ND	ND	ND	
CSW-7	5'	ND	ND	ND	ND	ND	ND	ND	
CSW-8	5'	ND	ND	ND	ND	ND	ND	ND	
CSW-9	5'	ND	ND	ND	ND	ND	ND	ND	
CSW-10	5'	ND	ND	ND	ND	ND	ND	ND	
CSW-11	5'	ND	ND	ND	ND	ND	ND	ND	
CSW-12	5'	ND	ND	ND	ND	ND	ND	ND	
CSW-13	5'	ND	ND	ND	ND	ND	ND	ND	
CSW-14	5'	ND	ND	ND	ND	ND	ND	ND	
CSW-15	5'	ND	ND	ND	ND	ND	ND	ND	
CSW-16	5'	ND	ND	ND	ND	ND	ND	ND	

ND- Analyte Not Detected

Complete laboratory reports can be found in Appendix E.

Based on the sample results, the bottoms and sidewalls were below NMOCD Closure Criteria 19.15.29 NMAC. The contaminated material was sufficiently removed then transported to an NMOCD approved disposal site. The excavation was then backfilled with clean like material, machine compacted and returned to its previous state. See Appendix D for Photographic Documentation.

Closure Request

After careful review, Pima requests that this incident, NAPP2230425901 be closed. Devon has complied with the applicable closure requirements set forth in rule 19.15.19.12 NMAC.

Should you have any questions or need additional information, please feel free to contact Gio Gomez at 806-782-1151 or gio@pimaoil.com.

Respectfully,



Gio Gomez

Project Manager

Pima Environmental Services, LLC

Attachments

Figures:

- 1- Location Map
- 2- Topographic Map
- 3- Karst Map
- 4- Site Map
- 5- Confirmation Sample Map

Appendices:

- Appendix A – Referenced Water Surveys
- Appendix B – Soil Survey and Geological Data
- Appendix C – C-141 Form and 48 Hour Notification
- Appendix D – Photographic Documentation
- Appendix E – Laboratory Reports



Pima Environmental Services

Figures:

1-Location Map

2-Topographic Map

3-Karst Map


4-Site Map

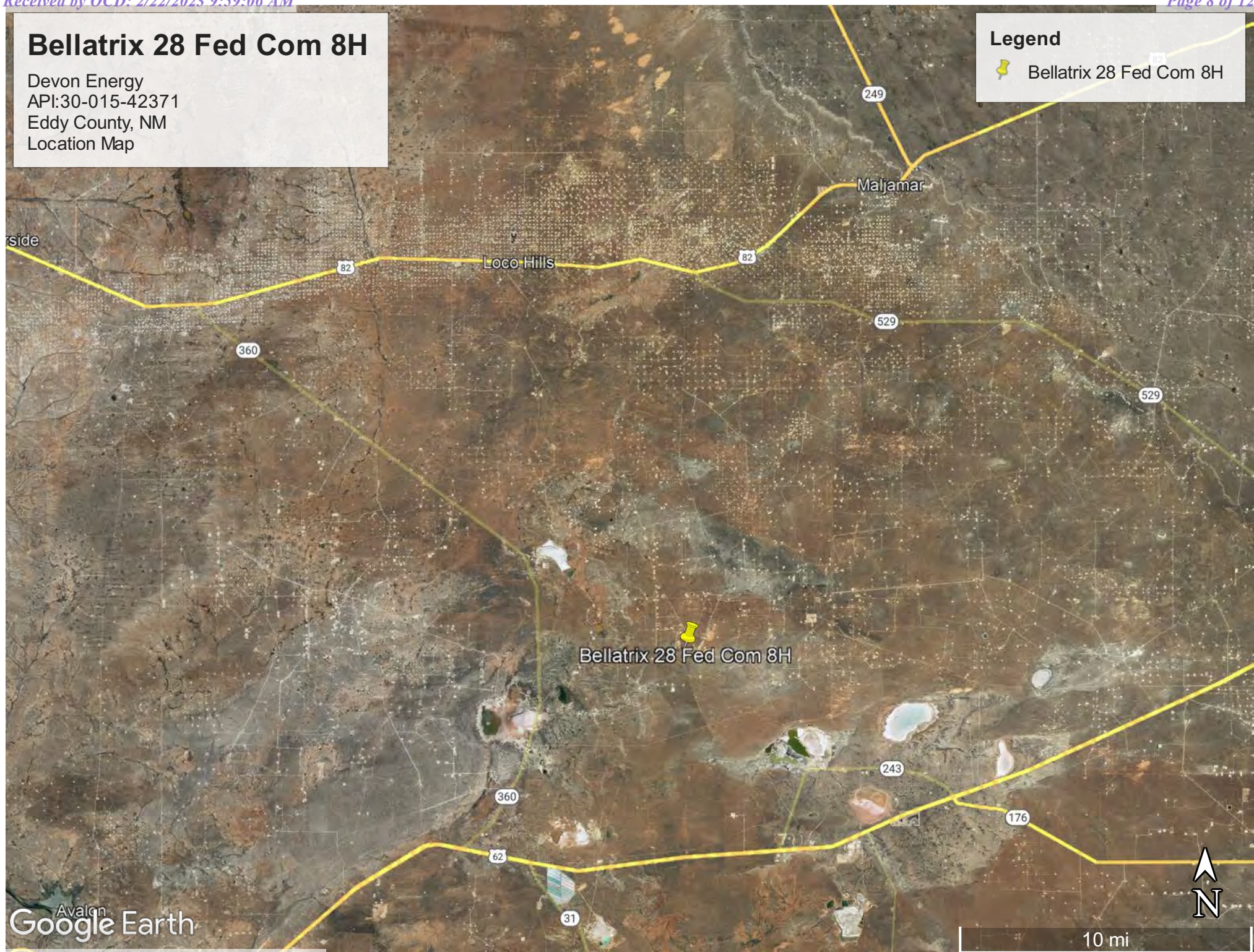
5-Confirmation Site Map

Bellatrix 28 Fed Com 8H

Devon Energy
API:30-015-42371
Eddy County, NM
Location Map

Legend


 Bellatrix 28 Fed Com 8H

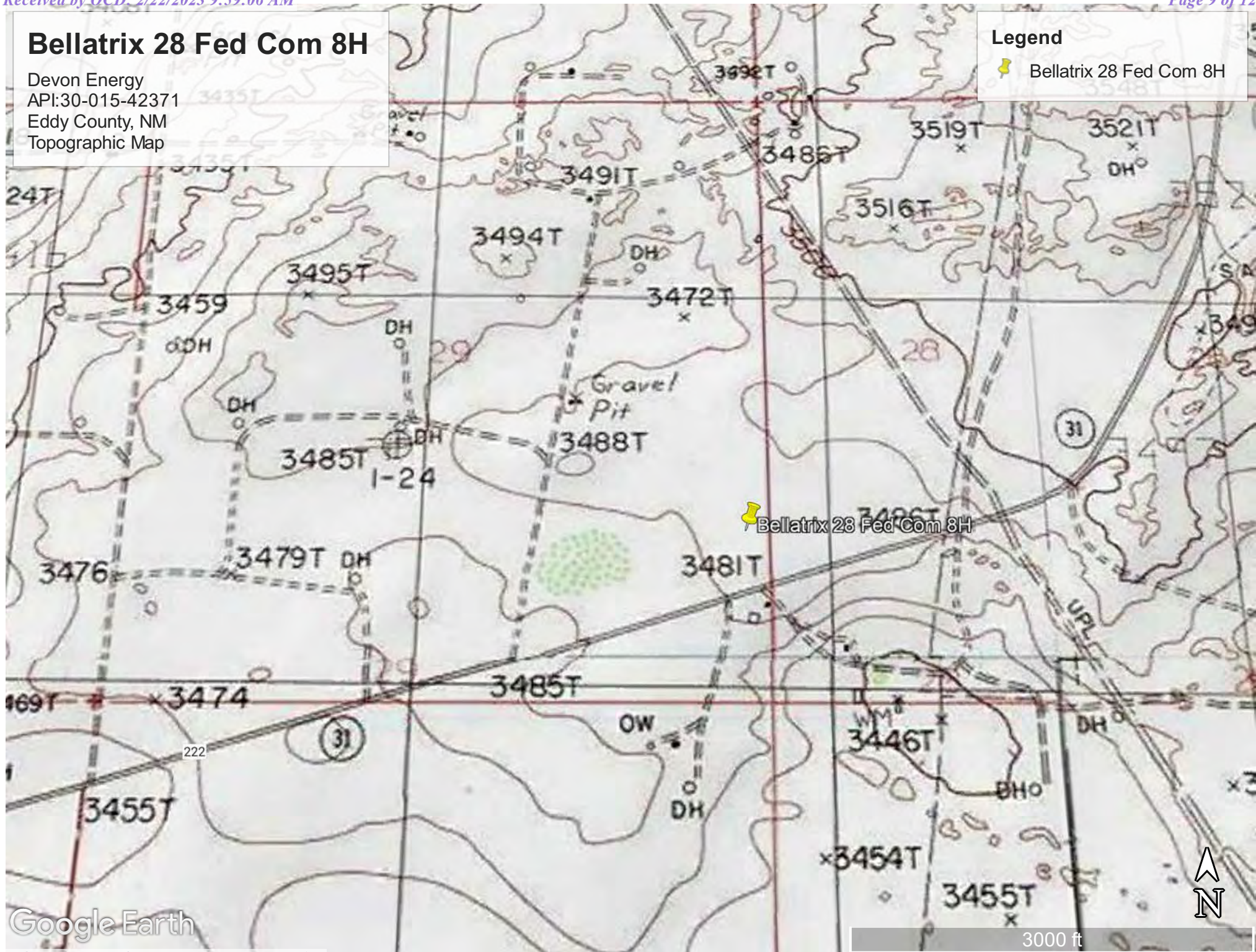


Bellatrix 28 Fed Com 8H

Devon Energy
API:30-015-42371
Eddy County, NM
Topographic Map

Legend





 Bellatrix 28 Fed Com 8H

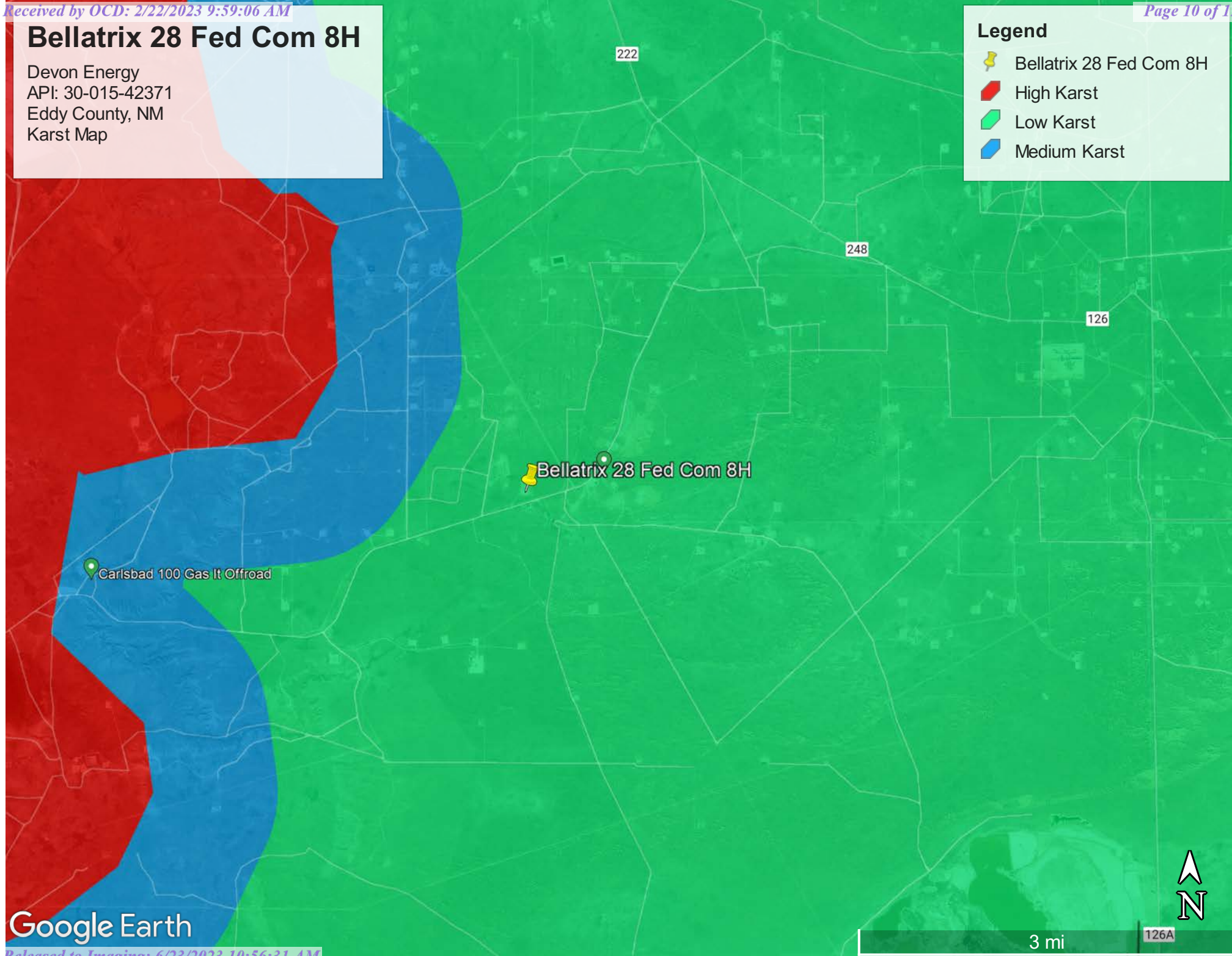


Bellatrix 28 Fed Com 8H

Devon Energy
API: 30-015-42371
Eddy County, NM
Karst Map

Legend

-  Bellatrix 28 Fed Com 8H
-  High Karst
-  Low Karst
-  Medium Karst







Google Earth

Bellatrix 28 Fed Com 8H

Devon Energy
AP#30-015-42371
Eddy County, NM
Site Map

Legend

-  Bellatrix 28 Fed Com 8H
-  Background/Sidewalls
-  Samples
-  Spill Area 1,545 sqft

 Bellatrix 28 Fed Com 8H

SW1
SW2 S1
S2 SW5
SW3 S3
SW4

BG1

BG2






100 ft

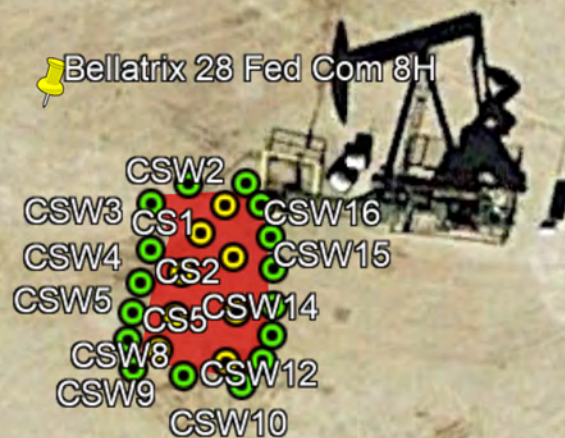
Google Earth

Bellatrix 28 Fed Com 8H

Devon Energy
API: 30-015-42371
Eddy County, NM
Confirmation Sample Map

Legend

-  Bellatrix 28 Fed Com 8H
-  Confirmation Samples
-  Confirmation Sidewalls



100 ft



Pima Environmental Services

Appendix A

Water Surveys:

OSE

USGS

Surface Water Map



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
CP 00725 POD1		CP	ED	1	3	3	28	19S	31E	604906	3610473*	189	231		
CP 00722 POD1		CP	LE	4	3	3	28	19S	31E	605106	3610273*	471	200		
CP 00722 POD1	R	CP	LE	4	3	3	28	19S	31E	605106	3610273*	471	200		
CP 00723 POD1		CP	ED	2	1	1	33	19S	31E	605111	3610071*	625	139		
CP 00722 POD3		CP	LE	2	4	1	33	19S	31E	605519	3609673*	1190	220	140	80
CP 01864 POD1		CP	ED	4	2	1	34	19S	31E	607068	3609824	2437	110		
CP 01554 POD2		CP	LE	2	2	1	22	19S	31E	607165	3613322	3650	400		
CP 01554 POD1		CP	LE	2	2	1	22	19S	31E	607166	3613354	3675	400		
CP 00829 POD1		CP	LE		2	4	16	19S	31E	606165	3614009*	3705	120		
CP 00873 POD1		CP	LE		1	1	19	19S	31E	601772	3613147*	3930	340	180	160
CP 01907 POD1		CP	ED	4	2	2	18	19S	31E	603017	3614737	4501			
CP 00357 POD1		CP	ED	4	4	1	24	19S	30E	600667	3612631*	4569	630		
CP 00722 POD2		CP	ED	2	1	1	25	19S	30E	600276	3611620*	4594	350	65	285
CP 00357 POD2		CP	ED	4	3	1	24	19S	30E	600265	3612627*	4930	630		
CP 00520		CP	ED	4	4	1	10	20S	31E	607163	3606278*	4934	280	130	150

Average Depth to Water: **128 feet**

Minimum Depth: **65 feet**

Maximum Depth: **180 feet**

Record Count: 15

UTMNAD83 Radius Search (in meters):

Easting (X): 604751.76

Northing (Y): 3610583.48

Radius: 5000

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

11/1/22 10:33 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



[USGS Home](#)
[Contact USGS](#)
[Search USGS](#)

National Water Information System: Web Interface

USGS Water Resources

Data Category:


Groundwater

Geographic Area:

United States

GO

Click to hide News Bulletins

- Effective October 24, 2022 hyperlinks to legacy Current Condition pages will automatically redirect users to the corresponding Monitoring Location page. Please see the [Water Data For The Nation Blog](#) for full details, including how to navigate back to the legacy Current Condition page, if desired.
- Explore the *NEW* [USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.
- [Full News](#) 

Groundwater levels for the Nation



Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

site_no list =

- 323734103523901

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 323734103523901 19S.31E.28.33124

Available data for this site

Groundwater: Field measurements



GO

Eddy County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°37'34", Longitude 103°52'39" NAD27

Land-surface elevation 3,473 feet above NAVD88

The depth of the well is 230 feet below land surface.

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Rustler Formation (312RSLR) local aquifer.

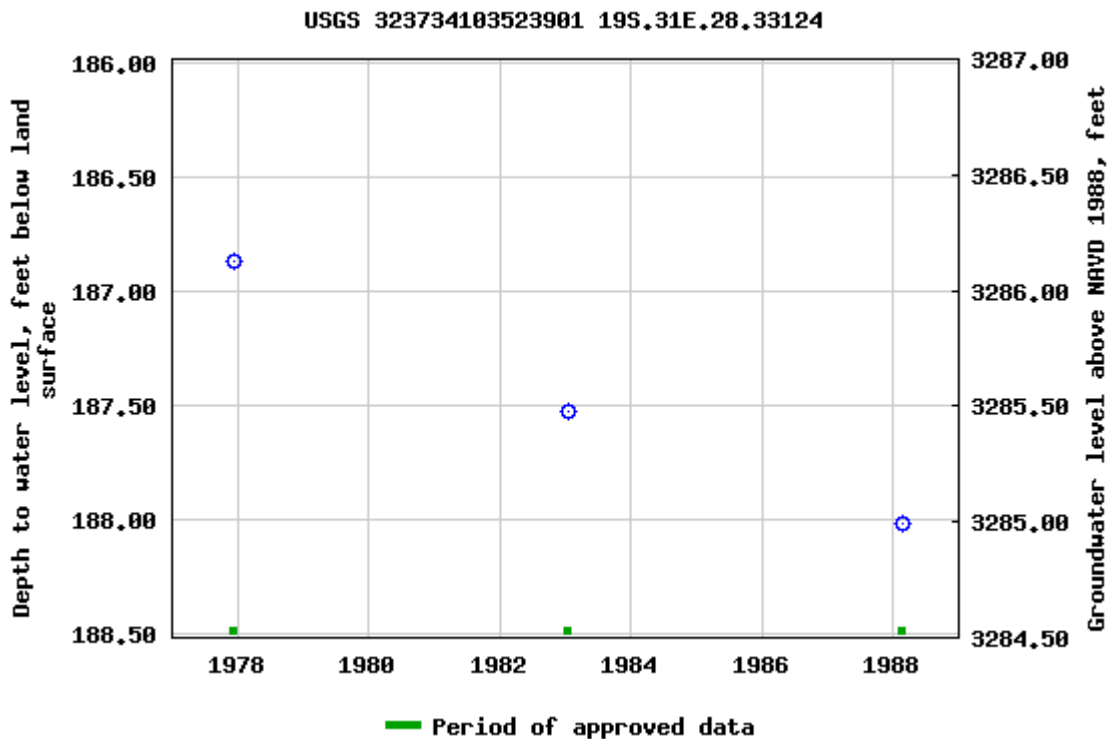
Output formats

[Table of data](#)

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Breaks in the plot represent a gap of at least one year between field measurements.

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Title: Groundwater for USA: Water Levels

URL: <https://nwis.waterdata.usgs.gov/nwis/gwlevels?>



Page Contact Information: [USGS Water Data Support Team](#)



Page Last Modified: 2022-11-01 12:30:34 EDT

0.68 0.5 nadww01

Bellatrix 28 Fed Com 8H

Devon Energy
API:30-015-42371
Eddy County, NM
Surface Water Map

Legend

-  4.28 Miles
-  Bellatrix 28 Fed Com 8H



Google Earth



Pima Environmental Services

Appendix B

Soil Survey & Geological Data

FEMA Flood Map

Wetlands Map

Map Unit Description: Simona and Wink fine sandy loams, 0 to 3 percent slopes, eroded---
Eddy Area, New Mexico

Eddy Area, New Mexico

SN—Simona and Wink fine sandy loams, 0 to 3 percent slopes, eroded

Map Unit Setting

National map unit symbol: 1w5y
Elevation: 3,000 to 4,200 feet
Mean annual precipitation: 10 to 14 inches
Mean annual air temperature: 60 to 64 degrees F
Frost-free period: 200 to 220 days
Farmland classification: Not prime farmland

Map Unit Composition

Simona and similar soils: 45 percent
Wink and similar soils: 40 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Simona

Setting

Landform: Plains, alluvial fans
Landform position (three-dimensional): Rise
Down-slope shape: Convex, linear
Across-slope shape: Linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 19 inches: fine sandy loam
H2 - 19 to 23 inches: indurated

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 7 to 20 inches to petrocalcic
Drainage class: Well drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 15 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Very low (about 2.5 inches)

Interpretive groups

Land capability classification (irrigated): 4s
Land capability classification (nonirrigated): 7e

Map Unit Description: Simona and Wink fine sandy loams, 0 to 3 percent slopes, eroded---
Eddy Area, New Mexico

Hydrologic Soil Group: D
Ecological site: R070BD002NM - Shallow Sandy
Hydric soil rating: No

Description of Wink

Setting

Landform: Swales, depressions
Landform position (three-dimensional): Talf
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 8 inches: fine sandy loam
H2 - 8 to 38 inches: fine sandy loam
H3 - 38 to 60 inches: stratified gravelly variable

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): High
(2.00 to 6.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 30 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0
mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Low (about 6.0 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: A
Ecological site: R070BD004NM - Sandy
Hydric soil rating: No

Minor Components

Dune land

Percent of map unit: 15 percent
Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 18, Sep 8, 2022

National Flood Hazard Layer FIRMette



103°53'19"W 32°37'56"N



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D

OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D

GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall

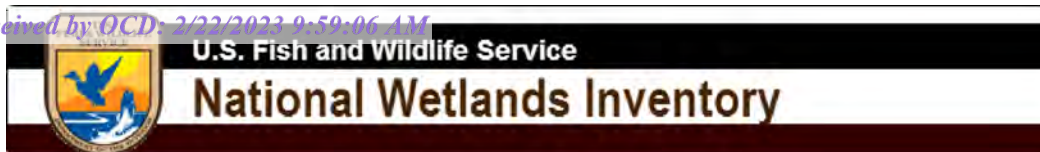
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

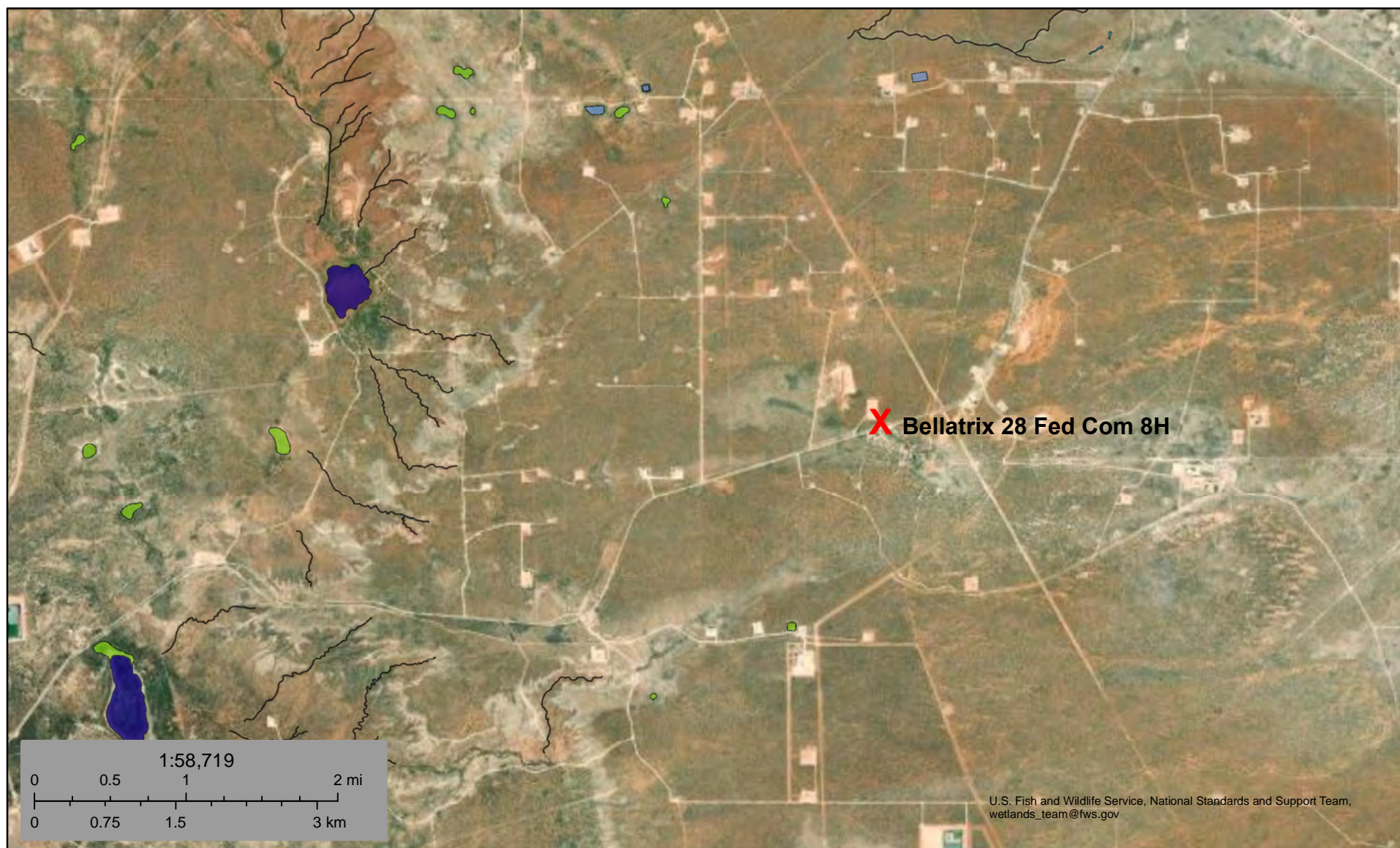
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 11/1/2022 at 12:38 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



Wetlands Map



November 1, 2022

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.



Pima Environmental Services

Appendix C

C-141 Form

48-Hour Notification

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

State of New Mexico
Energy Minerals and Natural
Resources Department

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

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

Incident ID	nAPP2230425901
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Devon Energy Production Company	OGRID 6137
Contact Name Dale Woodall	Contact Telephone
Contact email Dale.Woodall@dvn.com	Incident # (assigned by OCD)
Contact mailing address 6488 Seven Rivers Hwy Artesia, NM 88210	

Location of Release Source

Latitude 32.627869 Longitude -103.883354
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Bellatrix 28 Fed Com 8H	Site Type Oil
Date Release Discovered 10/30/2022	API# (if applicable) 30-015-42371

Unit Letter	Section	Township	Range	County
I	29	19S	31E	Eddy

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

Nature and Volume of Release

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

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 5.88 BBLS	Volume Recovered (bbls) 4 BBLS
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release Fluid released from flow line on well.

Incident ID	nAPP2230425901
District RP	
Facility ID	
Application ID	

<p>Was this a major release as defined by 19.15.29.7(A) NMAC?</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>If YES, for what reason(s) does the responsible party consider this a major release?</p>
<p>If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?</p>	

Initial Response

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

<input type="checkbox"/> The source of the release has been stopped. <input type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>Kendra Ruiz</u> Signature: <u><i>Kendra Ruiz</i></u> email: <u>Kendra.Ruiz@dvn.com</u>	Title: <u>EHS Associate</u> Date: <u>11/10/2022</u> Telephone: <u>575-748-0167</u>
<u>OCD Only</u>	
Received by: <u>Jocelyn Harimon</u>	Date: <u>11/10/2022</u>

NAPP2230425901

Spill Volume(Bbls) Calculator	
<i>Inputs in blue, Outputs in red</i>	
Contaminated Soil measurement	
Area (square feet)	Depth(inches)
<u>1511</u>	<u>0.250</u>
Cubic Feet of Soil Impacted	<u>31.479</u>
Barrels of Soil Impacted	<u>5.61</u>
Soil Type	Clay/Sand
Barrels of Oil Assuming 100% Saturation	<u>0.84</u>
Saturation	Fluid present with shovel/backhoe
Estimated Barrels of Oil Released	0.84
Free Standing Fluid Only	
Area (square feet)	Depth(inches)
<u>1358</u>	<u>0.250</u>
Standing fluid	<u>5.043</u>
Total fluids spilled	5.885

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 157684

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 157684
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	None	11/10/2022

Incident ID	nAPP2230425901
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<50 (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

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

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

Incident ID	nAPP2230425901
District RP	
Facility ID	
Application ID	

Closure

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

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

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

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

Printed Name: Dale Woodall Title: EHS Professional

Signature: Dale Woodall Date: 2/22/2023

email: dale.woodall@dnv.com Telephone: 575-748-1838

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____



Pima Environmental Services

Appendix D

Photographic Documentation



**SITE PHOTOGRAPHS
DEVON ENERGY
BELLATRIX 28 FED COM 8H**

Site Assessment







Excavation





Post Excavation







Pima Environmental Services

Appendix E

Laboratory Reports

Report to:
Tom Bynum



5796 U.S. Hwy 64
Farmington, NM 87401

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



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Bella Trix Fed Com 8H

Work Order: E211038

Job Number: 01058-0007

Received: 11/8/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/15/22

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

Date Reported: 11/15/22



Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Bella Trix Fed Com 8H
Workorder: E211038
Date Received: 11/8/2022 11:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/8/2022 11:00:00AM, under the Project Name: Bella Trix Fed Com 8H.

The analytical test results summarized in this report with the Project Name: Bella Trix Fed Com 8H 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
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

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

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

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
S1 1'	6
S1 2'	7
S1 3'	8
S1 4'	9
S2 1'	10
S2 2'	11
S2 3'	12
S2 4'	13
S3 1'	14
S3 2'	15
S3 3'	16
S3 4'	17
SW1	18
SW2	19
SW3	20
SW4	21
SW5	22
BG1	23
BG2	24
QC Summary Data	25

Table of Contents (continued)

QC - Volatile Organics by EPA 8021B	25
QC - Nonhalogenated Organics by EPA 8015D - GRO	26
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	27
QC - Anions by EPA 300.0/9056A	28
Definitions and Notes	29
Chain of Custody etc.	30

Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Bella Trix Fed Com 8H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/15/22 13:13

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1 1'	E211038-01A	Soil	11/04/22	11/08/22	Glass Jar, 4 oz.
S1 2'	E211038-02A	Soil	11/04/22	11/08/22	Glass Jar, 4 oz.
S1 3'	E211038-03A	Soil	11/04/22	11/08/22	Glass Jar, 4 oz.
S1 4'	E211038-04A	Soil	11/04/22	11/08/22	Glass Jar, 4 oz.
S2 1'	E211038-05A	Soil	11/04/22	11/08/22	Glass Jar, 4 oz.
S2 2'	E211038-06A	Soil	11/04/22	11/08/22	Glass Jar, 4 oz.
S2 3'	E211038-07A	Soil	11/04/22	11/08/22	Glass Jar, 4 oz.
S2 4'	E211038-08A	Soil	11/04/22	11/08/22	Glass Jar, 4 oz.
S3 1'	E211038-09A	Soil	11/04/22	11/08/22	Glass Jar, 4 oz.
S3 2'	E211038-10A	Soil	11/04/22	11/08/22	Glass Jar, 4 oz.
S3 3'	E211038-11A	Soil	11/04/22	11/08/22	Glass Jar, 4 oz.
S3 4'	E211038-12A	Soil	11/04/22	11/08/22	Glass Jar, 4 oz.
SW1	E211038-13A	Soil	11/04/22	11/08/22	Glass Jar, 4 oz.
SW2	E211038-14A	Soil	11/04/22	11/08/22	Glass Jar, 4 oz.
SW3	E211038-15A	Soil	11/04/22	11/08/22	Glass Jar, 4 oz.
SW4	E211038-16A	Soil	11/04/22	11/08/22	Glass Jar, 4 oz.
SW5	E211038-17A	Soil	11/04/22	11/08/22	Glass Jar, 4 oz.
BG1	E211038-18A	Soil	11/04/22	11/08/22	Glass Jar, 4 oz.
BG2	E211038-19A	Soil	11/04/22	11/08/22	Glass Jar, 4 oz.



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Bella Trix Fed Com 8H Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 11/15/2022 1:13:12PM
---	---	--

S1 1'

E211038-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246024
Benzene	ND	0.0250	1	11/08/22	11/11/22	
Ethylbenzene	ND	0.0250	1	11/08/22	11/11/22	
Toluene	ND	0.0250	1	11/08/22	11/11/22	
o-Xylene	ND	0.0250	1	11/08/22	11/11/22	
p,m-Xylene	ND	0.0500	1	11/08/22	11/11/22	
Total Xylenes	ND	0.0250	1	11/08/22	11/11/22	
Surrogate: 4-Bromochlorobenzene-PID	100 %	70-130		11/08/22	11/11/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246024
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/08/22	11/11/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	83.6 %	70-130		11/08/22	11/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246029
Diesel Range Organics (C10-C28)	134	25.0	1	11/09/22	11/09/22	
Oil Range Organics (C28-C36)	61.2	50.0	1	11/09/22	11/09/22	
Surrogate: n-Nonane	105 %	50-200		11/09/22	11/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2246040
Chloride	22000	1000	50	11/09/22	11/09/22	



Sample Data

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

Project Name: Bella Trix Fed Com 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/15/2022 1:13:12PM

S1 2'

E211038-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2246024
Benzene	ND	0.0250	1	11/08/22	11/11/22	
Ethylbenzene	ND	0.0250	1	11/08/22	11/11/22	
Toluene	ND	0.0250	1	11/08/22	11/11/22	
o-Xylene	ND	0.0250	1	11/08/22	11/11/22	
p,m-Xylene	ND	0.0500	1	11/08/22	11/11/22	
Total Xylenes	ND	0.0250	1	11/08/22	11/11/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	11/08/22	11/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2246024
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/08/22	11/11/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		85.0 %	70-130	11/08/22	11/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2246029
Diesel Range Organics (C10-C28)	38.1	25.0	1	11/09/22	11/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/09/22	11/09/22	
<i>Surrogate: n-Nonane</i>						
		112 %	50-200	11/09/22	11/09/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2246040
Chloride	26200	1000	50	11/09/22	11/09/22	



Sample Data

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

Project Name: Bella Trix Fed Com 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/15/2022 1:13:12PM

S1 3'

E211038-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2246024
Benzene	ND	0.0250	1	11/08/22	11/11/22	
Ethylbenzene	ND	0.0250	1	11/08/22	11/11/22	
Toluene	ND	0.0250	1	11/08/22	11/11/22	
o-Xylene	ND	0.0250	1	11/08/22	11/11/22	
p,m-Xylene	ND	0.0500	1	11/08/22	11/11/22	
Total Xylenes	ND	0.0250	1	11/08/22	11/11/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	11/08/22	11/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2246024
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/08/22	11/11/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		83.9 %	70-130	11/08/22	11/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2246029
Diesel Range Organics (C10-C28)	ND	25.0	1	11/09/22	11/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/09/22	11/09/22	
<i>Surrogate: n-Nonane</i>						
		111 %	50-200	11/09/22	11/09/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2246040
Chloride	31800	1000	50	11/09/22	11/09/22	



Sample Data

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

Project Name: Bella Trix Fed Com 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/15/2022 1:13:12PM

S1 4'

E211038-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2246024
Benzene	ND	0.0250	1	11/08/22	11/11/22	
Ethylbenzene	ND	0.0250	1	11/08/22	11/11/22	
Toluene	ND	0.0250	1	11/08/22	11/11/22	
o-Xylene	ND	0.0250	1	11/08/22	11/11/22	
p,m-Xylene	ND	0.0500	1	11/08/22	11/11/22	
Total Xylenes	ND	0.0250	1	11/08/22	11/11/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	11/08/22	11/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2246024
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/08/22	11/11/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		83.3 %	70-130	11/08/22	11/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2246029
Diesel Range Organics (C10-C28)	39.8	25.0	1	11/09/22	11/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/09/22	11/09/22	
<i>Surrogate: n-Nonane</i>						
		110 %	50-200	11/09/22	11/09/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2246040
Chloride	4870	100	5	11/09/22	11/09/22	



Sample Data

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

Project Name: Bella Trix Fed Com 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/15/2022 1:13:12PM

S2 1'

E211038-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2246024
Benzene	ND	0.0250	1	11/08/22	11/11/22	
Ethylbenzene	ND	0.0250	1	11/08/22	11/11/22	
Toluene	ND	0.0250	1	11/08/22	11/11/22	
o-Xylene	ND	0.0250	1	11/08/22	11/11/22	
p,m-Xylene	ND	0.0500	1	11/08/22	11/11/22	
Total Xylenes	ND	0.0250	1	11/08/22	11/11/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.8 %	70-130		11/08/22	11/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2246024
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/08/22	11/11/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.4 %	70-130		11/08/22	11/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2246029
Diesel Range Organics (C10-C28)	ND	25.0	1	11/09/22	11/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/09/22	11/09/22	
<i>Surrogate: n-Nonane</i>						
	109 %	50-200		11/09/22	11/09/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2246040
Chloride	12300	400	20	11/09/22	11/09/22	



Sample Data

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

Project Name: Bella Trix Fed Com 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/15/2022 1:13:12PM

S2 2'

E211038-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2246024
Benzene	ND	0.0250	1	11/08/22	11/11/22	
Ethylbenzene	ND	0.0250	1	11/08/22	11/11/22	
Toluene	ND	0.0250	1	11/08/22	11/11/22	
o-Xylene	ND	0.0250	1	11/08/22	11/11/22	
p,m-Xylene	ND	0.0500	1	11/08/22	11/11/22	
Total Xylenes	ND	0.0250	1	11/08/22	11/11/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	11/08/22	11/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2246024
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/08/22	11/11/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		80.9 %	70-130	11/08/22	11/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2246029
Diesel Range Organics (C10-C28)	ND	25.0	1	11/09/22	11/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/09/22	11/09/22	
<i>Surrogate: n-Nonane</i>						
		111 %	50-200	11/09/22	11/09/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2246040
Chloride	4530	40.0	2	11/09/22	11/09/22	



Sample Data

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

Project Name: Bella Trix Fed Com 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/15/2022 1:13:12PM

S2 3'

E211038-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2246024
Benzene	ND	0.0250	1	11/08/22	11/11/22	
Ethylbenzene	ND	0.0250	1	11/08/22	11/11/22	
Toluene	ND	0.0250	1	11/08/22	11/11/22	
o-Xylene	ND	0.0250	1	11/08/22	11/11/22	
p,m-Xylene	ND	0.0500	1	11/08/22	11/11/22	
Total Xylenes	ND	0.0250	1	11/08/22	11/11/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	11/08/22	11/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2246024
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/08/22	11/11/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		82.1 %	70-130	11/08/22	11/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2246029
Diesel Range Organics (C10-C28)	84.6	25.0	1	11/09/22	11/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/09/22	11/09/22	
<i>Surrogate: n-Nonane</i>						
		111 %	50-200	11/09/22	11/09/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2246040
Chloride	28200	1000	50	11/09/22	11/09/22	



Sample Data

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

Project Name: Bella Trix Fed Com 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/15/2022 1:13:12PM

S2 4'

E211038-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2246024
Benzene	ND	0.0250	1	11/08/22	11/11/22	
Ethylbenzene	ND	0.0250	1	11/08/22	11/11/22	
Toluene	ND	0.0250	1	11/08/22	11/11/22	
o-Xylene	ND	0.0250	1	11/08/22	11/11/22	
p,m-Xylene	ND	0.0500	1	11/08/22	11/11/22	
Total Xylenes	ND	0.0250	1	11/08/22	11/11/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	11/08/22	11/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2246024
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/08/22	11/11/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		83.0 %	70-130	11/08/22	11/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2246029
Diesel Range Organics (C10-C28)	ND	25.0	1	11/09/22	11/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/09/22	11/09/22	
<i>Surrogate: n-Nonane</i>						
		107 %	50-200	11/09/22	11/09/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2246040
Chloride	7540	100	5	11/09/22	11/09/22	



Sample Data

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

Project Name: Bella Trix Fed Com 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/15/2022 1:13:12PM

S3 1'

E211038-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2246024
Benzene	ND	0.0250	1	11/08/22	11/11/22	
Ethylbenzene	ND	0.0250	1	11/08/22	11/11/22	
Toluene	ND	0.0250	1	11/08/22	11/11/22	
o-Xylene	ND	0.0250	1	11/08/22	11/11/22	
p,m-Xylene	ND	0.0500	1	11/08/22	11/11/22	
Total Xylenes	ND	0.0250	1	11/08/22	11/11/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	11/08/22	11/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2246024
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/08/22	11/11/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		81.9 %	70-130	11/08/22	11/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2246029
Diesel Range Organics (C10-C28)	ND	25.0	1	11/09/22	11/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/09/22	11/09/22	
<i>Surrogate: n-Nonane</i>						
		114 %	50-200	11/09/22	11/09/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2246040
Chloride	3380	40.0	2	11/09/22	11/09/22	



Sample Data

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

Project Name: Bella Trix Fed Com 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/15/2022 1:13:12PM

S3 2'

E211038-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2246024
Benzene	ND	0.0250	1	11/08/22	11/11/22	
Ethylbenzene	ND	0.0250	1	11/08/22	11/11/22	
Toluene	ND	0.0250	1	11/08/22	11/11/22	
o-Xylene	ND	0.0250	1	11/08/22	11/11/22	
p,m-Xylene	ND	0.0500	1	11/08/22	11/11/22	
Total Xylenes	ND	0.0250	1	11/08/22	11/11/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	11/08/22	11/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2246024
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/08/22	11/11/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		83.4 %	70-130	11/08/22	11/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2246029
Diesel Range Organics (C10-C28)	ND	25.0	1	11/09/22	11/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/09/22	11/09/22	
<i>Surrogate: n-Nonane</i>						
		113 %	50-200	11/09/22	11/09/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2246040
Chloride	2000	20.0	1	11/09/22	11/09/22	



Sample Data

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

Project Name: Bella Trix Fed Com 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/15/2022 1:13:12PM

S3 3'

E211038-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2246024
Benzene	ND	0.0250	1	11/08/22	11/11/22	
Ethylbenzene	ND	0.0250	1	11/08/22	11/11/22	
Toluene	ND	0.0250	1	11/08/22	11/11/22	
o-Xylene	ND	0.0250	1	11/08/22	11/11/22	
p,m-Xylene	ND	0.0500	1	11/08/22	11/11/22	
Total Xylenes	ND	0.0250	1	11/08/22	11/11/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		105 %	70-130	11/08/22	11/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2246024
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/08/22	11/11/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		82.4 %	70-130	11/08/22	11/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2246029
Diesel Range Organics (C10-C28)	383	25.0	1	11/09/22	11/09/22	
Oil Range Organics (C28-C36)	153	50.0	1	11/09/22	11/09/22	
<i>Surrogate: n-Nonane</i>						
		111 %	50-200	11/09/22	11/09/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2246040
Chloride	20000	200	10	11/09/22	11/09/22	



Sample Data

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

Project Name: Bella Trix Fed Com 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/15/2022 1:13:12PM

S3 4'

E211038-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2246024
Benzene	ND	0.0250	1	11/08/22	11/11/22	
Ethylbenzene	ND	0.0250	1	11/08/22	11/11/22	
Toluene	ND	0.0250	1	11/08/22	11/11/22	
o-Xylene	ND	0.0250	1	11/08/22	11/11/22	
p,m-Xylene	ND	0.0500	1	11/08/22	11/11/22	
Total Xylenes	ND	0.0250	1	11/08/22	11/11/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	11/08/22	11/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2246024
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/08/22	11/11/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		81.4 %	70-130	11/08/22	11/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2246029
Diesel Range Organics (C10-C28)	33.5	25.0	1	11/09/22	11/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/09/22	11/10/22	
<i>Surrogate: n-Nonane</i>						
		105 %	50-200	11/09/22	11/10/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2246040
Chloride	4860	100	5	11/09/22	11/09/22	



Sample Data

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

Project Name: Bella Trix Fed Com 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/15/2022 1:13:12PM

SW1

E211038-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2246024
Benzene	ND	0.0250	1	11/08/22	11/11/22	
Ethylbenzene	ND	0.0250	1	11/08/22	11/11/22	
Toluene	0.0539	0.0250	1	11/08/22	11/11/22	
o-Xylene	0.512	0.0250	1	11/08/22	11/11/22	
p,m-Xylene	ND	0.0500	1	11/08/22	11/11/22	
Total Xylenes	0.512	0.0250	1	11/08/22	11/11/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	11/08/22	11/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2246024
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/08/22	11/11/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		80.9 %	70-130	11/08/22	11/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2246029
Diesel Range Organics (C10-C28)	ND	25.0	1	11/09/22	11/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/09/22	11/10/22	
<i>Surrogate: n-Nonane</i>						
		109 %	50-200	11/09/22	11/10/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2246040
Chloride	ND	20.0	1	11/09/22	11/09/22	



Sample Data

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

Project Name: Bella Trix Fed Com 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/15/2022 1:13:12PM

SW2

E211038-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2246024
Benzene	ND	0.0250	1	11/08/22	11/11/22	
Ethylbenzene	ND	0.0250	1	11/08/22	11/11/22	
Toluene	ND	0.0250	1	11/08/22	11/11/22	
o-Xylene	0.329	0.0250	1	11/08/22	11/11/22	
p,m-Xylene	0.0701	0.0500	1	11/08/22	11/11/22	
Total Xylenes	0.399	0.0250	1	11/08/22	11/11/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	11/08/22	11/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2246024
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/08/22	11/11/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		79.4 %	70-130	11/08/22	11/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2246029
Diesel Range Organics (C10-C28)	ND	25.0	1	11/09/22	11/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/09/22	11/10/22	
<i>Surrogate: n-Nonane</i>						
		110 %	50-200	11/09/22	11/10/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2246040
Chloride	ND	20.0	1	11/09/22	11/09/22	



Sample Data

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

Project Name: Bella Trix Fed Com 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/15/2022 1:13:12PM

SW3

E211038-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2246024
Benzene	ND	0.0250	1	11/08/22	11/11/22	
Ethylbenzene	ND	0.0250	1	11/08/22	11/11/22	
Toluene	ND	0.0250	1	11/08/22	11/11/22	
o-Xylene	ND	0.0250	1	11/08/22	11/11/22	
p,m-Xylene	ND	0.0500	1	11/08/22	11/11/22	
Total Xylenes	ND	0.0250	1	11/08/22	11/11/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		111 %	70-130	11/08/22	11/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2246024
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/08/22	11/11/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		80.6 %	70-130	11/08/22	11/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2246029
Diesel Range Organics (C10-C28)	ND	25.0	1	11/09/22	11/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/09/22	11/10/22	
<i>Surrogate: n-Nonane</i>						
		110 %	50-200	11/09/22	11/10/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2246040
Chloride	ND	20.0	1	11/09/22	11/09/22	



Sample Data

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

Project Name: Bella Trix Fed Com 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/15/2022 1:13:12PM

SW4

E211038-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2246024
Benzene	ND	0.0250	1	11/08/22	11/11/22	
Ethylbenzene	ND	0.0250	1	11/08/22	11/11/22	
Toluene	ND	0.0250	1	11/08/22	11/11/22	
o-Xylene	ND	0.0250	1	11/08/22	11/11/22	
p,m-Xylene	ND	0.0500	1	11/08/22	11/11/22	
Total Xylenes	ND	0.0250	1	11/08/22	11/11/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		106 %	70-130	11/08/22	11/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2246024
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/08/22	11/11/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		78.1 %	70-130	11/08/22	11/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2246029
Diesel Range Organics (C10-C28)	ND	25.0	1	11/09/22	11/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/09/22	11/10/22	
<i>Surrogate: n-Nonane</i>						
		99.5 %	50-200	11/09/22	11/10/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2246040
Chloride	ND	20.0	1	11/09/22	11/10/22	



Sample Data

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

Project Name: Bella Trix Fed Com 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/15/2022 1:13:12PM

SW5

E211038-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2246024
Benzene	ND	0.0250	1	11/08/22	11/11/22	
Ethylbenzene	ND	0.0250	1	11/08/22	11/11/22	
Toluene	ND	0.0250	1	11/08/22	11/11/22	
o-Xylene	ND	0.0250	1	11/08/22	11/11/22	
p,m-Xylene	ND	0.0500	1	11/08/22	11/11/22	
Total Xylenes	ND	0.0250	1	11/08/22	11/11/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		106 %	70-130	11/08/22	11/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2246024
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/08/22	11/11/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		80.1 %	70-130	11/08/22	11/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2246029
Diesel Range Organics (C10-C28)	ND	25.0	1	11/09/22	11/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/09/22	11/10/22	
<i>Surrogate: n-Nonane</i>						
		110 %	50-200	11/09/22	11/10/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2246040
Chloride	ND	20.0	1	11/09/22	11/10/22	



Sample Data

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

Project Name: Bella Trix Fed Com 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/15/2022 1:13:12PM

BG1

E211038-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2246024
Benzene	ND	0.0250	1	11/08/22	11/11/22	
Ethylbenzene	ND	0.0250	1	11/08/22	11/11/22	
Toluene	ND	0.0250	1	11/08/22	11/11/22	
o-Xylene	ND	0.0250	1	11/08/22	11/11/22	
p,m-Xylene	ND	0.0500	1	11/08/22	11/11/22	
Total Xylenes	ND	0.0250	1	11/08/22	11/11/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		106 %	70-130	11/08/22	11/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2246024
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/08/22	11/11/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		82.1 %	70-130	11/08/22	11/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2246029
Diesel Range Organics (C10-C28)	ND	25.0	1	11/09/22	11/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/09/22	11/10/22	
<i>Surrogate: n-Nonane</i>						
		108 %	50-200	11/09/22	11/10/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2246040
Chloride	ND	20.0	1	11/09/22	11/10/22	



Sample Data

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

Project Name: Bella Trix Fed Com 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/15/2022 1:13:12PM

BG2

E211038-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2246024
Benzene	ND	0.0250	1	11/08/22	11/11/22	
Ethylbenzene	ND	0.0250	1	11/08/22	11/11/22	
Toluene	ND	0.0250	1	11/08/22	11/11/22	
o-Xylene	ND	0.0250	1	11/08/22	11/11/22	
p,m-Xylene	ND	0.0500	1	11/08/22	11/11/22	
Total Xylenes	ND	0.0250	1	11/08/22	11/11/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	11/08/22	11/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2246024
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/08/22	11/11/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		80.0 %	70-130	11/08/22	11/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2246029
Diesel Range Organics (C10-C28)	ND	25.0	1	11/09/22	11/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/09/22	11/10/22	
<i>Surrogate: n-Nonane</i>						
		110 %	50-200	11/09/22	11/10/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2246040
Chloride	ND	20.0	1	11/09/22	11/10/22	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bella Trix Fed Com 8H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/15/2022 1:13:12PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2246024-BLK1)

Prepared: 11/08/22 Analyzed: 11/09/22

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	8.05		8.00		101	70-130			

LCS (2246024-BS1)

Prepared: 11/08/22 Analyzed: 11/11/22

Benzene	5.87	0.0250	5.00		117	70-130			
Ethylbenzene	4.58	0.0250	5.00		91.5	70-130			
Toluene	4.94	0.0250	5.00		98.9	70-130			
o-Xylene	4.67	0.0250	5.00		93.4	70-130			
p,m-Xylene	9.29	0.0500	10.0		92.9	70-130			
Total Xylenes	14.0	0.0250	15.0		93.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.07		8.00		101	70-130			

Matrix Spike (2246024-MS1)

Source: E211038-01

Prepared: 11/08/22 Analyzed: 11/11/22

Benzene	5.75	0.0250	5.00	ND	115	54-133			
Ethylbenzene	4.52	0.0250	5.00	ND	90.4	61-133			
Toluene	4.86	0.0250	5.00	ND	97.1	61-130			
o-Xylene	4.59	0.0250	5.00	ND	91.8	63-131			
p,m-Xylene	9.20	0.0500	10.0	ND	92.0	63-131			
Total Xylenes	13.8	0.0250	15.0	ND	92.0	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.22		8.00		103	70-130			

Matrix Spike Dup (2246024-MSD1)

Source: E211038-01

Prepared: 11/08/22 Analyzed: 11/11/22

Benzene	5.51	0.0250	5.00	ND	110	54-133	4.24	20	
Ethylbenzene	4.31	0.0250	5.00	ND	86.2	61-133	4.75	20	
Toluene	4.65	0.0250	5.00	ND	92.9	61-130	4.40	20	
o-Xylene	4.39	0.0250	5.00	ND	87.8	63-131	4.49	20	
p,m-Xylene	8.76	0.0500	10.0	ND	87.6	63-131	4.95	20	
Total Xylenes	13.1	0.0250	15.0	ND	87.6	63-131	4.80	20	
Surrogate: 4-Bromochlorobenzene-PID	8.05		8.00		101	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bella Trix Fed Com 8H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/15/2022 1:13:12PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2246024-BLK1)

Prepared: 11/08/22 Analyzed: 11/09/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.08		8.00		101	70-130			

LCS (2246024-BS2)

Prepared: 11/08/22 Analyzed: 11/09/22

Gasoline Range Organics (C6-C10)	47.1	20.0	50.0		94.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.67		8.00		121	70-130			

Matrix Spike (2246024-MS2)

Source: E211038-01

Prepared: 11/08/22 Analyzed: 11/14/22

Gasoline Range Organics (C6-C10)	52.4	20.0	50.0	ND	105	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.68		8.00		83.6	70-130			

Matrix Spike Dup (2246024-MSD2)

Source: E211038-01

Prepared: 11/08/22 Analyzed: 11/14/22

Gasoline Range Organics (C6-C10)	53.2	20.0	50.0	ND	106	70-130	1.48	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.99		8.00		87.3	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bella Trix Fed Com 8H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/15/2022 1:13:12PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

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 (2246029-BLK1)

Prepared: 11/09/22 Analyzed: 11/09/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.2		50.0		104	50-200			

LCS (2246029-BS1)

Prepared: 11/09/22 Analyzed: 11/09/22

Diesel Range Organics (C10-C28)	250	25.0	250		100	38-132			
Surrogate: n-Nonane	54.4		50.0		109	50-200			

Matrix Spike (2246029-MS1)

Source: E211038-11

Prepared: 11/09/22 Analyzed: 11/10/22

Diesel Range Organics (C10-C28)	408	25.0	250	383	10.3	38-132			M2
Surrogate: n-Nonane	59.4		50.0		119	50-200			

Matrix Spike Dup (2246029-MSD1)

Source: E211038-11

Prepared: 11/09/22 Analyzed: 11/09/22

Diesel Range Organics (C10-C28)	571	25.0	250	383	75.2	38-132	33.1	20	R4
Surrogate: n-Nonane	55.6		50.0		111	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bella Trix Fed Com 8H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/15/2022 1:13:12PM

Anions by EPA 300.0/9056A

Analyst: KL

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 (2246040-BLK1)

Prepared: 11/09/22 Analyzed: 11/09/22

Chloride ND 20.0

LCS (2246040-BS1)

Prepared: 11/09/22 Analyzed: 11/09/22

Chloride 240 20.0 250 96.1 90-110

Matrix Spike (2246040-MS1)

Source: E211038-01

Prepared: 11/09/22 Analyzed: 11/10/22

Chloride 38400 1000 250 22000 NR 80-120 M4

Matrix Spike Dup (2246040-MSD1)

Source: E211038-01

Prepared: 11/09/22 Analyzed: 11/10/22

Chloride 16300 1000 250 22000 NR 80-120 80.9 20 M4, R3

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:	Bella Trix Fed Com 8H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/15/22 13:13

M2	Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
M4	Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
R3	The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria.
R4	The RPD exceeded the acceptance limit. Sample visually appears to be non-homogenous.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

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

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



Client: PIMA Environmental
Project: Bella Trx Fd Pom BH
Project Manager: TOM RYNUM
Address: 5614 N. Lovington Hwy
City, State, Zip: Hobbs, NM 88240
Phone: 580-748-1163
Email: tom@pinaoil.com
Report due by:

Bill To
Attention: Devon Energy
Address:
City, State, Zip
Phone:
Email:
Project #: 1-211

Lab Use Only
Lab WO# E211038 Job Number 01058-0007
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	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BDOC - NM	TCEQ 1005 TX-TPH	Remarks
8:00	11/4/22	S		S1 1'	1							X		
8:05				S1 2'	2									
8:10				S1 3'	3									
8:15				S1 4'	4									
8:20				S2 1'	5									
8:25				S2 2'	6									
8:30				S2 3'	7									
8:35				S2 4'	8									
8:40				S3 1'	9									
8:45				S3 2'	10									

Additional Instructions:

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

Billing# 21091502

Sampled by: Scott Henson

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only
Scott Henson	11/7/22		Scott Henson	11-7-22	3:00	Received on ice: 0/ N
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	T1 T2 T3
Scott Henson	11-7-22	4:15	Scott Henson	11/8/22	11:00	
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
 Project: Bella Tris Fed Com BH
 Project Manager: Tom Bynum
 Address: 51614 N Livingston Hwy
 City, State, Zip: Holbrook, NM, 88740
 Phone: 505-748-1163
 Email: tom@pimadil.com
 Report due by: _____

Bill To
 Attention: Devon Energy
 Address: _____
 City, State, Zip: _____
 Phone: _____
 Email: _____
 Project #: 1-211

Lab Use Only		TAT				EPA Program	
Lab WO#	Job Number	1D	2D	3D	Standard	CWA	SDWA
<u>E211038</u>	<u>01058-0007</u>				<u>X</u>		
Analysis and Method							
DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC - NM	TCEQ 1005 TX-TPH

State				
NM	CO	UT	AZ	TX

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	TCEQ 1005 TX-TPH	Remarks
8:50	11/4/22	S		S3 3'	11							<u>X</u>		
8:55				S3.4'	12									
9:00				SW1	13									
9:05				SW2	14									
9:10				SW3	15									
9:15				SW4	16									
9:20				SW5	17									
9:25				BG1	18									
9:30				BG2	19									
					<u>2</u>									

Additional Instructions:

Billing# 21091502

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) <u>Alexandra Sanders</u>	Date <u>11/7/22</u>	Time <u>3:00</u>	Received by: (Signature) <u>Scott Henson</u>	Date <u>11-7-22</u>	Time <u>3:00</u>	Lab Use Only
Relinquished by: (Signature) <u>[Signature]</u>	Date <u>11-7-22</u>	Time <u>4:15</u>	Received by: (Signature) <u>Chitra Chitra</u>	Date <u>11/8/22</u>	Time <u>11:00</u>	Received on ice: <u>N</u>
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	T1 _____ T2 _____ T3 _____
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: 11/8/2022 11:18:38AM

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:	11/08/22 11:00	Work Order ID:	E211038
Phone:	(575) 631-6977	Date Logged In:	11/08/22 09:23	Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	11/14/22 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? Yes
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: UPSComments/ResolutionSample 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? Yes
 - 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: Bella Trix Fed Com 8H

Work Order: E211096

Job Number: 01058-0007

Received: 11/17/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/28/22

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.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 11/28/22



Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Bella Trix Fed Com 8H
Workorder: E211096
Date Received: 11/17/2022 10:35:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/17/2022 10:35:00AM, under the Project Name: Bella Trix Fed Com 8H.

The analytical test results summarized in this report with the Project Name: Bella Trix Fed Com 8H 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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Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
S1 5'	5
S1 6'	6
S2 5'	7
S2 6'	8
S3 5'	9
S3 6'	10
QC Summary Data	11
QC - Volatile Organic Compounds by EPA 8260B	11
QC - Nonhalogenated Organics by EPA 8015D - GRO	12
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	13
QC - Anions by EPA 300.0/9056A	14
Definitions and Notes	15
Chain of Custody etc.	16

Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Bella Trix Fed Com 8H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/28/22 17:41

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1 5'	E211096-01A	Soil	11/15/22	11/17/22	Glass Jar, 4 oz.
S1 6'	E211096-02A	Soil	11/15/22	11/17/22	Glass Jar, 4 oz.
S2 5'	E211096-03A	Soil	11/15/22	11/17/22	Glass Jar, 4 oz.
S2 6'	E211096-04A	Soil	11/15/22	11/17/22	Glass Jar, 4 oz.
S3 5'	E211096-05A	Soil	11/15/22	11/17/22	Glass Jar, 4 oz.
S3 6'	E211096-06A	Soil	11/15/22	11/17/22	Glass Jar, 4 oz.



Sample Data

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

Project Name: Bella Trix Fed Com 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/28/2022 5:41:40PM

S1 5'

E211096-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247065
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
o-Xylene	ND	0.0250	1	11/17/22	11/18/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene	96.6 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4	97.2 %	70-130		11/17/22	11/18/22	
Surrogate: Toluene-d8	98.5 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247065
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene	96.6 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4	97.2 %	70-130		11/17/22	11/18/22	
Surrogate: Toluene-d8	98.5 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2248005
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/22	11/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/22	11/22/22	
Surrogate: n-Nonane	101 %	50-200		11/21/22	11/22/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2248011
Chloride	ND	20.0	1	11/21/22	11/28/22	



Sample Data

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

Project Name: Bella Trix Fed Com 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/28/2022 5:41:40PM

S1 6'

E211096-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247065
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
o-Xylene	ND	0.0250	1	11/17/22	11/18/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene	97.4 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4	99.2 %	70-130		11/17/22	11/18/22	
Surrogate: Toluene-d8	99.5 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247065
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene	97.4 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4	99.2 %	70-130		11/17/22	11/18/22	
Surrogate: Toluene-d8	99.5 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2248005
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/22	11/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/22	11/22/22	
Surrogate: n-Nonane	103 %	50-200		11/21/22	11/22/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2248011
Chloride	ND	20.0	1	11/21/22	11/28/22	



Sample Data

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

Project Name: Bella Trix Fed Com 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/28/2022 5:41:40PM

S2 5'

E211096-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247065
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
o-Xylene	ND	0.0250	1	11/17/22	11/18/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene	98.6 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4	93.3 %	70-130		11/17/22	11/18/22	
Surrogate: Toluene-d8	98.9 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247065
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene	98.6 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4	93.3 %	70-130		11/17/22	11/18/22	
Surrogate: Toluene-d8	98.9 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2248005
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/22	11/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/22	11/22/22	
Surrogate: n-Nonane	101 %	50-200		11/21/22	11/22/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2248011
Chloride	ND	20.0	1	11/21/22	11/28/22	



Sample Data

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

Project Name: Bella Trix Fed Com 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/28/2022 5:41:40PM

S2 6'

E211096-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247065
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
o-Xylene	ND	0.0250	1	11/17/22	11/18/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene	99.4 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4	96.3 %	70-130		11/17/22	11/18/22	
Surrogate: Toluene-d8	101 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247065
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene	99.4 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4	96.3 %	70-130		11/17/22	11/18/22	
Surrogate: Toluene-d8	101 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2248005
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/22	11/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/22	11/22/22	
Surrogate: n-Nonane	103 %	50-200		11/21/22	11/22/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2248011
Chloride	ND	20.0	1	11/21/22	11/28/22	



Sample Data

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

Project Name: Bella Trix Fed Com 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/28/2022 5:41:40PM

S3 5'

E211096-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247065
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
o-Xylene	ND	0.0250	1	11/17/22	11/18/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene	97.2 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4	98.2 %	70-130		11/17/22	11/18/22	
Surrogate: Toluene-d8	101 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247065
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene	97.2 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4	98.2 %	70-130		11/17/22	11/18/22	
Surrogate: Toluene-d8	101 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2248005
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/22	11/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/22	11/22/22	
Surrogate: n-Nonane	102 %	50-200		11/21/22	11/22/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2248011
Chloride	ND	20.0	1	11/21/22	11/28/22	



Sample Data

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

Project Name: Bella Trix Fed Com 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
11/28/2022 5:41:40PM

S3 6'

E211096-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247065
Benzene	ND	0.0250	1	11/17/22	11/18/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/18/22	
Toluene	ND	0.0250	1	11/17/22	11/18/22	
o-Xylene	ND	0.0250	1	11/17/22	11/18/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/18/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene	97.4 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4	97.6 %	70-130		11/17/22	11/18/22	
Surrogate: Toluene-d8	99.8 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247065
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/18/22	
Surrogate: Bromofluorobenzene	97.4 %	70-130		11/17/22	11/18/22	
Surrogate: 1,2-Dichloroethane-d4	97.6 %	70-130		11/17/22	11/18/22	
Surrogate: Toluene-d8	99.8 %	70-130		11/17/22	11/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2248005
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/22	11/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/22	11/22/22	
Surrogate: n-Nonane	102 %	50-200		11/21/22	11/22/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2248011
Chloride	ND	20.0	1	11/21/22	11/28/22	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bella Trix Fed Com 8H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/28/2022 5:41:40PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2247065-BLK1)

Prepared: 11/17/22 Analyzed: 11/18/22

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	0.495		0.500		98.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.461		0.500		92.2	70-130			
Surrogate: Toluene-d8	0.505		0.500		101	70-130			

LCS (2247065-BS1)

Prepared: 11/17/22 Analyzed: 11/18/22

Benzene	2.51	0.0250	2.50		100	70-130			
Ethylbenzene	2.41	0.0250	2.50		96.5	70-130			
Toluene	2.38	0.0250	2.50		95.0	70-130			
o-Xylene	2.32	0.0250	2.50		92.8	70-130			
p,m-Xylene	4.54	0.0500	5.00		90.8	70-130			
Total Xylenes	6.86	0.0250	7.50		91.5	70-130			
Surrogate: Bromofluorobenzene	0.513		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.4	70-130			
Surrogate: Toluene-d8	0.508		0.500		102	70-130			

LCS Dup (2247065-BSD1)

Prepared: 11/17/22 Analyzed: 11/18/22

Benzene	2.53	0.0250	2.50		101	70-130	0.655	23	
Ethylbenzene	2.43	0.0250	2.50		97.0	70-130	0.475	27	
Toluene	2.38	0.0250	2.50		95.4	70-130	0.378	24	
o-Xylene	2.31	0.0250	2.50		92.5	70-130	0.237	27	
p,m-Xylene	4.56	0.0500	5.00		91.2	70-130	0.472	27	
Total Xylenes	6.88	0.0250	7.50		91.7	70-130	0.233	27	
Surrogate: Bromofluorobenzene	0.515		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.476		0.500		95.2	70-130			
Surrogate: Toluene-d8	0.502		0.500		100	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bella Trix Fed Com 8H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/28/2022 5:41:40PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2247065-BLK1)

Prepared: 11/17/22 Analyzed: 11/18/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.495		0.500		98.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.461		0.500		92.2	70-130			
Surrogate: Toluene-d8	0.505		0.500		101	70-130			

LCS (2247065-BS2)

Prepared: 11/17/22 Analyzed: 11/18/22

Gasoline Range Organics (C6-C10)	49.1	20.0	50.0		98.2	70-130			
Surrogate: Bromofluorobenzene	0.497		0.500		99.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.478		0.500		95.5	70-130			
Surrogate: Toluene-d8	0.511		0.500		102	70-130			

LCS Dup (2247065-BSD2)

Prepared: 11/17/22 Analyzed: 11/18/22

Gasoline Range Organics (C6-C10)	49.7	20.0	50.0		99.3	70-130	1.16	20	
Surrogate: Bromofluorobenzene	0.496		0.500		99.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.447		0.500		89.4	70-130			
Surrogate: Toluene-d8	0.507		0.500		101	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Bella Trix Fed Com 8H Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 11/28/2022 5:41:40PM
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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 (2248005-BLK1)

Prepared: 11/21/22 Analyzed: 11/22/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.6		50.0		105	50-200			

LCS (2248005-BS1)

Prepared: 11/21/22 Analyzed: 11/22/22

Diesel Range Organics (C10-C28)	272	25.0	250		109	38-132			
Surrogate: n-Nonane	49.3		50.0		98.6	50-200			

Matrix Spike (2248005-MS1)

Source: E211117-01

Prepared: 11/21/22 Analyzed: 11/22/22

Diesel Range Organics (C10-C28)	284	25.0	250	ND	114	38-132			
Surrogate: n-Nonane	49.4		50.0		98.7	50-200			

Matrix Spike Dup (2248005-MSD1)

Source: E211117-01

Prepared: 11/21/22 Analyzed: 11/22/22

Diesel Range Organics (C10-C28)	331	25.0	250	ND	132	38-132	15.1	20	
Surrogate: n-Nonane	48.6		50.0		97.1	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bella Trix Fed Com 8H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/28/2022 5:41:40PM

Anions by EPA 300.0/9056A

Analyst: KL

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

Blank (2248011-BLK1)					Prepared: 11/21/22 Analyzed: 11/28/22				
Chloride	ND	20.0							
LCS (2248011-BS1)					Prepared: 11/21/22 Analyzed: 11/28/22				
Chloride	271	20.0	250		109	90-110			
Matrix Spike (2248011-MS1)					Source: E211096-01		Prepared: 11/21/22 Analyzed: 11/28/22		
Chloride	290	20.0	250	ND	116	80-120			
Matrix Spike Dup (2248011-MSD1)					Source: E211096-01		Prepared: 11/21/22 Analyzed: 11/28/22		
Chloride	295	20.0	250	ND	118	80-120	1.49	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:	Bella Trix Fed Com 8H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/28/22 17:41

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

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

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



Client: <u>Pima Environmental</u>		Bill To		Lab Use Only		TAT		EPA Program					
Project: <u>Bella Triv Fed Com 8H</u>		Attention: _____		Lab WO# <u>E211094</u>		Job Number <u>01058-0007</u>		1D	2D	3D	Standard	CWA	SDWA
Project Manager: <u>Tom Bynum</u>		Address: _____		Analysis and Method							X		
Address: <u>5614 N. Livingston Hwy</u>		City, State, Zip _____											RCRA
City, State, Zip <u>Holbrook, NM, 88240</u>		Phone: _____											
Phone: <u>505-748-1613</u>		Email: _____											
Email: <u>tom@pimabil.com</u>		Project # <u>1-211</u>											
Report due by: _____													

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BDOC - NM	TCEQ 1005 TX-TPH	Remarks
8:00	11/15/22	S	1	S1 5'	1									X		
8:05				S1 6'	2											
8:10				S2 5'	3											
8:15				S2 6'	4											
8:20				S3 5'	5											
8:25				S3 6'	6											

Additional Instructions:

Billing # 21091502

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

Sampled by: Scott Henson

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) <u>Michelle K. Gips</u>	Date <u>11/16/22</u>	Time <u>1300</u>	Received by: (Signature) <u>Michelle K. Gips</u>	Date <u>11-16-22</u>	Time <u>1300</u>	Lab Use Only Received on ice: <u>(Y)</u> / N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature) <u>Michelle K. Gips</u>	Date <u>11-16-22</u>	Time <u>1530</u>	Received by: (Signature) <u>Michelle K. Gips</u>	Date <u>11/17/22</u>	Time <u>10:35</u>	
Relinquished by: (Signature) _____	Date _____	Time _____	Received by: (Signature) _____	Date _____	Time _____	

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: 11/17/2022 11:57:20AM

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:	11/17/22 10:35	Work Order ID:	E211096
Phone:	(575) 631-6977	Date Logged In:	11/17/22 09:27	Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	11/23/22 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? Yes
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: UPSComments/ResolutionSample 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? Yes
 - 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



5796 U.S. Hwy 64
Farmington, NM 87401

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



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Bellatrix 28 Fed Com 8H

Work Order: E301151

Job Number: 01058-0007

Received: 1/31/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/1/23

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

Date Reported: 2/1/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247



Project Name: Bellatrix 28 Fed Com 8H
Workorder: E301151
Date Received: 1/31/2023 8:15:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/31/2023 8:15:00AM, under the Project Name: Bellatrix 28 Fed Com 8H.

The analytical test results summarized in this report with the Project Name: Bellatrix 28 Fed Com 8H 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
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Cell: 775-287-1762
whinchman@envirotech-inc.com

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Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
CS-1	6
CS-2	7
CS-3	8
CS-4	9
CS-5	10
CS-6	11
CS-7	12
CS-8	13
CSW-1	14
CSW-2	15
CSW-3	16
CSW-4	17
CSW-5	18
CSW-6	19
CSW-7	20
CSW-8	21
CSW-9	22
CSW-10	23
CSW-11	24
CSW-12	25

Table of Contents (continued)

CSW-13	26
CSW-14	27
CSW-15	28
CSW-16	29
QC Summary Data	30
QC - Volatile Organic Compounds by EPA 8260B	30
QC - Volatile Organics by EPA 8021B	31
QC - Nonhalogenated Organics by EPA 8015D - GRO	32
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	34
QC - Anions by EPA 300.0/9056A	36
Definitions and Notes	38
Chain of Custody etc.	39

Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Bellatrix 28 Fed Com 8H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	02/01/23 15:26

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-1	E301151-01A	Soil	01/29/23	01/31/23	Glass Jar, 2 oz.
CS-2	E301151-02A	Soil	01/29/23	01/31/23	Glass Jar, 2 oz.
CS-3	E301151-03A	Soil	01/29/23	01/31/23	Glass Jar, 2 oz.
CS-4	E301151-04A	Soil	01/29/23	01/31/23	Glass Jar, 2 oz.
CS-5	E301151-05A	Soil	01/29/23	01/31/23	Glass Jar, 2 oz.
CS-6	E301151-06A	Soil	01/29/23	01/31/23	Glass Jar, 2 oz.
CS-7	E301151-07A	Soil	01/29/23	01/31/23	Glass Jar, 2 oz.
CS-8	E301151-08A	Soil	01/29/23	01/31/23	Glass Jar, 2 oz.
CSW-1	E301151-09A	Soil	01/29/23	01/31/23	Glass Jar, 2 oz.
CSW-2	E301151-10A	Soil	01/29/23	01/31/23	Glass Jar, 2 oz.
CSW-3	E301151-11A	Soil	01/29/23	01/31/23	Glass Jar, 2 oz.
CSW-4	E301151-12A	Soil	01/29/23	01/31/23	Glass Jar, 2 oz.
CSW-5	E301151-13A	Soil	01/29/23	01/31/23	Glass Jar, 2 oz.
CSW-6	E301151-14A	Soil	01/29/23	01/31/23	Glass Jar, 2 oz.
CSW-7	E301151-15A	Soil	01/29/23	01/31/23	Glass Jar, 2 oz.
CSW-8	E301151-16A	Soil	01/29/23	01/31/23	Glass Jar, 2 oz.
CSW-9	E301151-17A	Soil	01/29/23	01/31/23	Glass Jar, 2 oz.
CSW-10	E301151-18A	Soil	01/29/23	01/31/23	Glass Jar, 2 oz.
CSW-11	E301151-19A	Soil	01/29/23	01/31/23	Glass Jar, 2 oz.
CSW-12	E301151-20A	Soil	01/29/23	01/31/23	Glass Jar, 2 oz.
CSW-13	E301151-21A	Soil	01/29/23	01/31/23	Glass Jar, 2 oz.
CSW-14	E301151-22A	Soil	01/29/23	01/31/23	Glass Jar, 2 oz.
CSW-15	E301151-23A	Soil	01/29/23	01/31/23	Glass Jar, 2 oz.
CSW-16	E301151-24A	Soil	01/29/23	01/31/23	Glass Jar, 2 oz.



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Bellatrix 28 Fed Com 8H Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 2/1/2023 3:26:14PM
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CS-1

E301151-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2305021
Benzene	ND	0.0250	1	01/30/23	01/31/23	
Ethylbenzene	ND	0.0250	1	01/30/23	01/31/23	
Toluene	ND	0.0250	1	01/30/23	01/31/23	
o-Xylene	ND	0.0250	1	01/30/23	01/31/23	
p,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Total Xylenes	ND	0.0250	1	01/30/23	01/31/23	
Surrogate: Bromofluorobenzene	90.5 %	70-130		01/30/23	01/31/23	
Surrogate: 1,2-Dichloroethane-d4	90.9 %	70-130		01/30/23	01/31/23	
Surrogate: Toluene-d8	102 %	70-130		01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2305021
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
Surrogate: Bromofluorobenzene	90.5 %	70-130		01/30/23	01/31/23	
Surrogate: 1,2-Dichloroethane-d4	90.9 %	70-130		01/30/23	01/31/23	
Surrogate: Toluene-d8	102 %	70-130		01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2305025
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/23	01/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/31/23	
Surrogate: n-Nonane	86.1 %	50-200		01/30/23	01/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2305030
Chloride	ND	20.0	1	01/31/23	01/31/23	



Sample Data

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

Project Name: Bellatrix 28 Fed Com 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/1/2023 3:26:14PM

CS-2

E301151-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2305021
Benzene	ND	0.0250	1	01/30/23	01/31/23	
Ethylbenzene	ND	0.0250	1	01/30/23	01/31/23	
Toluene	ND	0.0250	1	01/30/23	01/31/23	
o-Xylene	ND	0.0250	1	01/30/23	01/31/23	
p,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Total Xylenes	ND	0.0250	1	01/30/23	01/31/23	
Surrogate: Bromofluorobenzene	92.4 %	70-130		01/30/23	01/31/23	
Surrogate: 1,2-Dichloroethane-d4	94.0 %	70-130		01/30/23	01/31/23	
Surrogate: Toluene-d8	102 %	70-130		01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2305021
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
Surrogate: Bromofluorobenzene	92.4 %	70-130		01/30/23	01/31/23	
Surrogate: 1,2-Dichloroethane-d4	94.0 %	70-130		01/30/23	01/31/23	
Surrogate: Toluene-d8	102 %	70-130		01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2305025
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/23	01/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/31/23	
Surrogate: n-Nonane	88.7 %	50-200		01/30/23	01/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2305030
Chloride	ND	20.0	1	01/31/23	01/31/23	



Sample Data

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

Project Name: Bellatrix 28 Fed Com 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/1/2023 3:26:14PM

CS-3

E301151-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2305021
Benzene	ND	0.0250	1	01/30/23	01/31/23	
Ethylbenzene	ND	0.0250	1	01/30/23	01/31/23	
Toluene	ND	0.0250	1	01/30/23	01/31/23	
o-Xylene	ND	0.0250	1	01/30/23	01/31/23	
p,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Total Xylenes	ND	0.0250	1	01/30/23	01/31/23	
Surrogate: Bromofluorobenzene	94.2 %	70-130		01/30/23	01/31/23	
Surrogate: 1,2-Dichloroethane-d4	97.5 %	70-130		01/30/23	01/31/23	
Surrogate: Toluene-d8	102 %	70-130		01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2305021
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
Surrogate: Bromofluorobenzene	94.2 %	70-130		01/30/23	01/31/23	
Surrogate: 1,2-Dichloroethane-d4	97.5 %	70-130		01/30/23	01/31/23	
Surrogate: Toluene-d8	102 %	70-130		01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2305025
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/23	01/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/31/23	
Surrogate: n-Nonane	87.8 %	50-200		01/30/23	01/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2305030
Chloride	ND	20.0	1	01/31/23	01/31/23	



Sample Data

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

Project Name: Bellatrix 28 Fed Com 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/1/2023 3:26:14PM

CS-4

E301151-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2305021
Benzene	ND	0.0250	1	01/30/23	01/31/23	
Ethylbenzene	ND	0.0250	1	01/30/23	01/31/23	
Toluene	ND	0.0250	1	01/30/23	01/31/23	
o-Xylene	ND	0.0250	1	01/30/23	01/31/23	
p,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Total Xylenes	ND	0.0250	1	01/30/23	01/31/23	
Surrogate: Bromofluorobenzene	93.3 %	70-130		01/30/23	01/31/23	
Surrogate: 1,2-Dichloroethane-d4	95.9 %	70-130		01/30/23	01/31/23	
Surrogate: Toluene-d8	102 %	70-130		01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2305021
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
Surrogate: Bromofluorobenzene	93.3 %	70-130		01/30/23	01/31/23	
Surrogate: 1,2-Dichloroethane-d4	95.9 %	70-130		01/30/23	01/31/23	
Surrogate: Toluene-d8	102 %	70-130		01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2305025
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/23	01/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/31/23	
Surrogate: n-Nonane	98.4 %	50-200		01/30/23	01/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2305030
Chloride	ND	20.0	1	01/31/23	01/31/23	



Sample Data

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

Project Name: Bellatrix 28 Fed Com 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/1/2023 3:26:14PM

CS-5

E301151-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2305021
Benzene	ND	0.0250	1	01/30/23	01/31/23	
Ethylbenzene	ND	0.0250	1	01/30/23	01/31/23	
Toluene	ND	0.0250	1	01/30/23	01/31/23	
o-Xylene	ND	0.0250	1	01/30/23	01/31/23	
p,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Total Xylenes	ND	0.0250	1	01/30/23	01/31/23	
Surrogate: Bromofluorobenzene	93.3 %	70-130		01/30/23	01/31/23	
Surrogate: 1,2-Dichloroethane-d4	96.0 %	70-130		01/30/23	01/31/23	
Surrogate: Toluene-d8	103 %	70-130		01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2305021
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
Surrogate: Bromofluorobenzene	93.3 %	70-130		01/30/23	01/31/23	
Surrogate: 1,2-Dichloroethane-d4	96.0 %	70-130		01/30/23	01/31/23	
Surrogate: Toluene-d8	103 %	70-130		01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2305025
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/23	01/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/31/23	
Surrogate: n-Nonane	98.3 %	50-200		01/30/23	01/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2305030
Chloride	ND	20.0	1	01/31/23	01/31/23	



Sample Data

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

Project Name: Bellatrix 28 Fed Com 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/1/2023 3:26:14PM

CS-6

E301151-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2305021
Benzene	ND	0.0250	1	01/30/23	01/31/23	
Ethylbenzene	ND	0.0250	1	01/30/23	01/31/23	
Toluene	ND	0.0250	1	01/30/23	01/31/23	
o-Xylene	ND	0.0250	1	01/30/23	01/31/23	
p,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Total Xylenes	ND	0.0250	1	01/30/23	01/31/23	
Surrogate: Bromofluorobenzene	92.9 %	70-130		01/30/23	01/31/23	
Surrogate: 1,2-Dichloroethane-d4	96.0 %	70-130		01/30/23	01/31/23	
Surrogate: Toluene-d8	102 %	70-130		01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2305021
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
Surrogate: Bromofluorobenzene	92.9 %	70-130		01/30/23	01/31/23	
Surrogate: 1,2-Dichloroethane-d4	96.0 %	70-130		01/30/23	01/31/23	
Surrogate: Toluene-d8	102 %	70-130		01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2305025
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/23	01/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/31/23	
Surrogate: n-Nonane	103 %	50-200		01/30/23	01/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2305030
Chloride	ND	20.0	1	01/31/23	01/31/23	



Sample Data

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

Project Name: Bellatrix 28 Fed Com 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/1/2023 3:26:14PM

CS-7

E301151-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2305021
Benzene	ND	0.0250	1	01/30/23	01/31/23	
Ethylbenzene	ND	0.0250	1	01/30/23	01/31/23	
Toluene	ND	0.0250	1	01/30/23	01/31/23	
o-Xylene	ND	0.0250	1	01/30/23	01/31/23	
p,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Total Xylenes	ND	0.0250	1	01/30/23	01/31/23	
Surrogate: Bromofluorobenzene	92.8 %	70-130		01/30/23	01/31/23	
Surrogate: 1,2-Dichloroethane-d4	98.3 %	70-130		01/30/23	01/31/23	
Surrogate: Toluene-d8	101 %	70-130		01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2305021
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
Surrogate: Bromofluorobenzene	92.8 %	70-130		01/30/23	01/31/23	
Surrogate: 1,2-Dichloroethane-d4	98.3 %	70-130		01/30/23	01/31/23	
Surrogate: Toluene-d8	101 %	70-130		01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2305025
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/23	01/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/31/23	
Surrogate: n-Nonane	98.4 %	50-200		01/30/23	01/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2305030
Chloride	ND	20.0	1	01/31/23	01/31/23	



Sample Data

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

Project Name: Bellatrix 28 Fed Com 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/1/2023 3:26:14PM

CS-8

E301151-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2305021
Benzene	ND	0.0250	1	01/30/23	01/31/23	
Ethylbenzene	ND	0.0250	1	01/30/23	01/31/23	
Toluene	ND	0.0250	1	01/30/23	01/31/23	
o-Xylene	ND	0.0250	1	01/30/23	01/31/23	
p,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Total Xylenes	ND	0.0250	1	01/30/23	01/31/23	
Surrogate: Bromofluorobenzene	94.7 %	70-130		01/30/23	01/31/23	
Surrogate: 1,2-Dichloroethane-d4	96.1 %	70-130		01/30/23	01/31/23	
Surrogate: Toluene-d8	104 %	70-130		01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2305021
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
Surrogate: Bromofluorobenzene	94.7 %	70-130		01/30/23	01/31/23	
Surrogate: 1,2-Dichloroethane-d4	96.1 %	70-130		01/30/23	01/31/23	
Surrogate: Toluene-d8	104 %	70-130		01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2305025
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/23	01/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/31/23	
Surrogate: n-Nonane	101 %	50-200		01/30/23	01/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2305030
Chloride	ND	20.0	1	01/31/23	01/31/23	



Sample Data

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

Project Name: Bellatrix 28 Fed Com 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/1/2023 3:26:14PM

CSW-1

E301151-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2305021
Benzene	ND	0.0250	1	01/30/23	01/31/23	
Ethylbenzene	ND	0.0250	1	01/30/23	01/31/23	
Toluene	ND	0.0250	1	01/30/23	01/31/23	
o-Xylene	ND	0.0250	1	01/30/23	01/31/23	
p,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Total Xylenes	ND	0.0250	1	01/30/23	01/31/23	
Surrogate: Bromofluorobenzene	92.5 %	70-130		01/30/23	01/31/23	
Surrogate: 1,2-Dichloroethane-d4	98.8 %	70-130		01/30/23	01/31/23	
Surrogate: Toluene-d8	103 %	70-130		01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2305021
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
Surrogate: Bromofluorobenzene	92.5 %	70-130		01/30/23	01/31/23	
Surrogate: 1,2-Dichloroethane-d4	98.8 %	70-130		01/30/23	01/31/23	
Surrogate: Toluene-d8	103 %	70-130		01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2305025
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/23	01/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/31/23	
Surrogate: n-Nonane	101 %	50-200		01/30/23	01/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2305030
Chloride	ND	20.0	1	01/31/23	01/31/23	



Sample Data

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

Project Name: Bellatrix 28 Fed Com 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/1/2023 3:26:14PM

CSW-2

E301151-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2305021
Benzene	ND	0.0250	1	01/30/23	01/31/23	
Ethylbenzene	ND	0.0250	1	01/30/23	01/31/23	
Toluene	ND	0.0250	1	01/30/23	01/31/23	
o-Xylene	ND	0.0250	1	01/30/23	01/31/23	
p,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Total Xylenes	ND	0.0250	1	01/30/23	01/31/23	
Surrogate: Bromofluorobenzene	92.4 %	70-130		01/30/23	01/31/23	
Surrogate: 1,2-Dichloroethane-d4	97.1 %	70-130		01/30/23	01/31/23	
Surrogate: Toluene-d8	101 %	70-130		01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2305021
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
Surrogate: Bromofluorobenzene	92.4 %	70-130		01/30/23	01/31/23	
Surrogate: 1,2-Dichloroethane-d4	97.1 %	70-130		01/30/23	01/31/23	
Surrogate: Toluene-d8	101 %	70-130		01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2305025
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/23	01/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/31/23	
Surrogate: n-Nonane	102 %	50-200		01/30/23	01/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2305030
Chloride	ND	20.0	1	01/31/23	01/31/23	



Sample Data

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

Project Name: Bellatrix 28 Fed Com 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/1/2023 3:26:14PM

CSW-3

E301151-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2305021
Benzene	ND	0.0250	1	01/30/23	01/31/23	
Ethylbenzene	ND	0.0250	1	01/30/23	01/31/23	
Toluene	ND	0.0250	1	01/30/23	01/31/23	
o-Xylene	ND	0.0250	1	01/30/23	01/31/23	
p,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Total Xylenes	ND	0.0250	1	01/30/23	01/31/23	
Surrogate: Bromofluorobenzene	94.5 %	70-130		01/30/23	01/31/23	
Surrogate: 1,2-Dichloroethane-d4	96.5 %	70-130		01/30/23	01/31/23	
Surrogate: Toluene-d8	103 %	70-130		01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2305021
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
Surrogate: Bromofluorobenzene	94.5 %	70-130		01/30/23	01/31/23	
Surrogate: 1,2-Dichloroethane-d4	96.5 %	70-130		01/30/23	01/31/23	
Surrogate: Toluene-d8	103 %	70-130		01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2305025
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/23	01/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/31/23	
Surrogate: n-Nonane	101 %	50-200		01/30/23	01/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2305030
Chloride	ND	20.0	1	01/31/23	01/31/23	



Sample Data

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

Project Name: Bellatrix 28 Fed Com 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/1/2023 3:26:14PM

CSW-4

E301151-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2305021
Benzene	ND	0.0250	1	01/30/23	01/31/23	
Ethylbenzene	ND	0.0250	1	01/30/23	01/31/23	
Toluene	ND	0.0250	1	01/30/23	01/31/23	
o-Xylene	ND	0.0250	1	01/30/23	01/31/23	
p,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Total Xylenes	ND	0.0250	1	01/30/23	01/31/23	
Surrogate: Bromofluorobenzene		108 %	70-130	01/30/23	01/31/23	
Surrogate: 1,2-Dichloroethane-d4		117 %	70-130	01/30/23	01/31/23	
Surrogate: Toluene-d8		92.0 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2305021
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
Surrogate: Bromofluorobenzene		108 %	70-130	01/30/23	01/31/23	
Surrogate: 1,2-Dichloroethane-d4		117 %	70-130	01/30/23	01/31/23	
Surrogate: Toluene-d8		92.0 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2305025
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/23	01/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/31/23	
Surrogate: n-Nonane		101 %	50-200	01/30/23	01/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2305030
Chloride	ND	20.0	1	01/31/23	01/31/23	



Sample Data

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

Project Name: Bellatrix 28 Fed Com 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/1/2023 3:26:14PM

CSW-5

E301151-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2305021
Benzene	ND	0.0250	1	01/30/23	01/31/23	
Ethylbenzene	ND	0.0250	1	01/30/23	01/31/23	
Toluene	ND	0.0250	1	01/30/23	01/31/23	
o-Xylene	ND	0.0250	1	01/30/23	01/31/23	
p,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Total Xylenes	ND	0.0250	1	01/30/23	01/31/23	
Surrogate: Bromofluorobenzene		105 %	70-130	01/30/23	01/31/23	
Surrogate: 1,2-Dichloroethane-d4		115 %	70-130	01/30/23	01/31/23	
Surrogate: Toluene-d8		90.6 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2305021
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
Surrogate: Bromofluorobenzene		105 %	70-130	01/30/23	01/31/23	
Surrogate: 1,2-Dichloroethane-d4		115 %	70-130	01/30/23	01/31/23	
Surrogate: Toluene-d8		90.6 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2305025
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/23	01/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/31/23	
Surrogate: n-Nonane		99.6 %	50-200	01/30/23	01/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2305030
Chloride	ND	20.0	1	01/31/23	01/31/23	



Sample Data

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

Project Name: Bellatrix 28 Fed Com 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/1/2023 3:26:14PM

CSW-6

E301151-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2305021
Benzene	ND	0.0250	1	01/30/23	01/31/23	
Ethylbenzene	ND	0.0250	1	01/30/23	01/31/23	
Toluene	ND	0.0250	1	01/30/23	01/31/23	
o-Xylene	ND	0.0250	1	01/30/23	01/31/23	
p,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Total Xylenes	ND	0.0250	1	01/30/23	01/31/23	
Surrogate: Bromofluorobenzene		103 %	70-130	01/30/23	01/31/23	
Surrogate: 1,2-Dichloroethane-d4		121 %	70-130	01/30/23	01/31/23	
Surrogate: Toluene-d8		90.0 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2305021
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
Surrogate: Bromofluorobenzene		103 %	70-130	01/30/23	01/31/23	
Surrogate: 1,2-Dichloroethane-d4		121 %	70-130	01/30/23	01/31/23	
Surrogate: Toluene-d8		90.0 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2305025
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/23	01/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/31/23	
Surrogate: n-Nonane		98.8 %	50-200	01/30/23	01/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2305030
Chloride	ND	20.0	1	01/31/23	01/31/23	



Sample Data

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

Project Name: Bellatrix 28 Fed Com 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/1/2023 3:26:14PM

CSW-7

E301151-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2305021
Benzene	ND	0.0250	1	01/30/23	01/31/23	
Ethylbenzene	ND	0.0250	1	01/30/23	01/31/23	
Toluene	ND	0.0250	1	01/30/23	01/31/23	
o-Xylene	ND	0.0250	1	01/30/23	01/31/23	
p,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Total Xylenes	ND	0.0250	1	01/30/23	01/31/23	
Surrogate: Bromofluorobenzene	99.3 %	70-130		01/30/23	01/31/23	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		01/30/23	01/31/23	
Surrogate: Toluene-d8	95.6 %	70-130		01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2305021
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
Surrogate: Bromofluorobenzene	99.3 %	70-130		01/30/23	01/31/23	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		01/30/23	01/31/23	
Surrogate: Toluene-d8	95.6 %	70-130		01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2305025
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/23	01/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/31/23	
Surrogate: n-Nonane	99.9 %	50-200		01/30/23	01/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2305030
Chloride	ND	20.0	1	01/31/23	01/31/23	



Sample Data

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

Project Name: Bellatrix 28 Fed Com 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/1/2023 3:26:14PM

CSW-8

E301151-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2305021
Benzene	ND	0.0250	1	01/30/23	01/31/23	
Ethylbenzene	ND	0.0250	1	01/30/23	01/31/23	
Toluene	ND	0.0250	1	01/30/23	01/31/23	
o-Xylene	ND	0.0250	1	01/30/23	01/31/23	
p,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Total Xylenes	ND	0.0250	1	01/30/23	01/31/23	
Surrogate: Bromofluorobenzene	97.1 %	70-130		01/30/23	01/31/23	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		01/30/23	01/31/23	
Surrogate: Toluene-d8	94.4 %	70-130		01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2305021
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
Surrogate: Bromofluorobenzene	97.1 %	70-130		01/30/23	01/31/23	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		01/30/23	01/31/23	
Surrogate: Toluene-d8	94.4 %	70-130		01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2305025
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/23	01/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/31/23	
Surrogate: n-Nonane	100 %	50-200		01/30/23	01/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2305030
Chloride	ND	20.0	1	01/31/23	01/31/23	



Sample Data

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

Project Name: Bellatrix 28 Fed Com 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/1/2023 3:26:14PM

CSW-9

E301151-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2305021
Benzene	ND	0.0250	1	01/30/23	01/31/23	
Ethylbenzene	ND	0.0250	1	01/30/23	01/31/23	
Toluene	ND	0.0250	1	01/30/23	01/31/23	
o-Xylene	ND	0.0250	1	01/30/23	01/31/23	
p,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Total Xylenes	ND	0.0250	1	01/30/23	01/31/23	
Surrogate: Bromofluorobenzene	96.5 %	70-130		01/30/23	01/31/23	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		01/30/23	01/31/23	
Surrogate: Toluene-d8	93.7 %	70-130		01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2305021
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
Surrogate: Bromofluorobenzene	96.5 %	70-130		01/30/23	01/31/23	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		01/30/23	01/31/23	
Surrogate: Toluene-d8	93.7 %	70-130		01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2305025
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/23	01/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/31/23	
Surrogate: n-Nonane	100 %	50-200		01/30/23	01/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2305030
Chloride	ND	20.0	1	01/31/23	01/31/23	



Sample Data

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

Project Name: Bellatrix 28 Fed Com 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/1/2023 3:26:14PM

CSW-10
E301151-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2305021
Benzene	ND	0.0250	1	01/30/23	01/31/23	
Ethylbenzene	ND	0.0250	1	01/30/23	01/31/23	
Toluene	ND	0.0250	1	01/30/23	01/31/23	
o-Xylene	ND	0.0250	1	01/30/23	01/31/23	
p,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Total Xylenes	ND	0.0250	1	01/30/23	01/31/23	
Surrogate: Bromofluorobenzene	97.2 %	70-130		01/30/23	01/31/23	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		01/30/23	01/31/23	
Surrogate: Toluene-d8	94.7 %	70-130		01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2305021
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
Surrogate: Bromofluorobenzene	97.2 %	70-130		01/30/23	01/31/23	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		01/30/23	01/31/23	
Surrogate: Toluene-d8	94.7 %	70-130		01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2305025
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/23	01/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/31/23	
Surrogate: n-Nonane	102 %	50-200		01/30/23	01/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2305030
Chloride	ND	20.0	1	01/31/23	01/31/23	



Sample Data

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

Project Name: Bellatrix 28 Fed Com 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/1/2023 3:26:14PM

CSW-11

E301151-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2305021
Benzene	ND	0.0250	1	01/30/23	01/31/23	
Ethylbenzene	ND	0.0250	1	01/30/23	01/31/23	
Toluene	ND	0.0250	1	01/30/23	01/31/23	
o-Xylene	ND	0.0250	1	01/30/23	01/31/23	
p,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Total Xylenes	ND	0.0250	1	01/30/23	01/31/23	
Surrogate: Bromofluorobenzene	97.4 %	70-130		01/30/23	01/31/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		01/30/23	01/31/23	
Surrogate: Toluene-d8	96.0 %	70-130		01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2305021
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
Surrogate: Bromofluorobenzene	97.4 %	70-130		01/30/23	01/31/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		01/30/23	01/31/23	
Surrogate: Toluene-d8	96.0 %	70-130		01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2305025
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/23	01/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/31/23	
Surrogate: n-Nonane	101 %	50-200		01/30/23	01/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2305030
Chloride	ND	20.0	1	01/31/23	01/31/23	



Sample Data

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

Project Name: Bellatrix 28 Fed Com 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/1/2023 3:26:14PM

CSW-12

E301151-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2305021
Benzene	ND	0.0250	1	01/30/23	01/31/23	
Ethylbenzene	ND	0.0250	1	01/30/23	01/31/23	
Toluene	ND	0.0250	1	01/30/23	01/31/23	
o-Xylene	ND	0.0250	1	01/30/23	01/31/23	
p,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Total Xylenes	ND	0.0250	1	01/30/23	01/31/23	
Surrogate: Bromofluorobenzene	96.3 %	70-130		01/30/23	01/31/23	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		01/30/23	01/31/23	
Surrogate: Toluene-d8	95.8 %	70-130		01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2305021
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
Surrogate: Bromofluorobenzene	96.3 %	70-130		01/30/23	01/31/23	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		01/30/23	01/31/23	
Surrogate: Toluene-d8	95.8 %	70-130		01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2305025
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/23	01/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/31/23	
Surrogate: n-Nonane	105 %	50-200		01/30/23	01/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2305030
Chloride	ND	20.0	1	01/31/23	01/31/23	



Sample Data

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

Project Name: Bellatrix 28 Fed Com 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/1/2023 3:26:14PM

CSW-13

E301151-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2305022	
Benzene	ND	0.0250	1	01/30/23	01/31/23	
Ethylbenzene	ND	0.0250	1	01/30/23	01/31/23	
Toluene	ND	0.0250	1	01/30/23	01/31/23	
o-Xylene	ND	0.0250	1	01/30/23	01/31/23	
p,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Total Xylenes	ND	0.0250	1	01/30/23	01/31/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2305022	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.7 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2305027	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/23	01/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/31/23	
<i>Surrogate: n-Nonane</i>						
		81.6 %	50-200	01/30/23	01/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2305033	
Chloride	ND	20.0	1	01/31/23	01/31/23	



Sample Data

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

Project Name: Bellatrix 28 Fed Com 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/1/2023 3:26:14PM

CSW-14

E301151-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2305022
Benzene	ND	0.0250	1	01/30/23	01/31/23	
Ethylbenzene	ND	0.0250	1	01/30/23	01/31/23	
Toluene	ND	0.0250	1	01/30/23	01/31/23	
o-Xylene	ND	0.0250	1	01/30/23	01/31/23	
p,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Total Xylenes	ND	0.0250	1	01/30/23	01/31/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2305022
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.7 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2305027
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/23	01/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/31/23	
<i>Surrogate: n-Nonane</i>						
		83.2 %	50-200	01/30/23	01/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2305033
Chloride	ND	20.0	1	01/31/23	01/31/23	



Sample Data

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

Project Name: Bellatrix 28 Fed Com 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/1/2023 3:26:14PM

CSW-15

E301151-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2305022
Benzene	ND	0.0250	1	01/30/23	01/31/23	
Ethylbenzene	ND	0.0250	1	01/30/23	01/31/23	
Toluene	ND	0.0250	1	01/30/23	01/31/23	
o-Xylene	ND	0.0250	1	01/30/23	01/31/23	
p,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Total Xylenes	ND	0.0250	1	01/30/23	01/31/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		106 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2305022
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		97.1 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2305027
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/23	01/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/31/23	
<i>Surrogate: n-Nonane</i>						
		102 %	50-200	01/30/23	01/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2305033
Chloride	ND	20.0	1	01/31/23	01/31/23	



Sample Data

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

Project Name: Bellatrix 28 Fed Com 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/1/2023 3:26:14PM

CSW-16

E301151-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2305022
Benzene	ND	0.0250	1	01/30/23	01/31/23	
Ethylbenzene	ND	0.0250	1	01/30/23	01/31/23	
Toluene	ND	0.0250	1	01/30/23	01/31/23	
o-Xylene	ND	0.0250	1	01/30/23	01/31/23	
p,m-Xylene	ND	0.0500	1	01/30/23	01/31/23	
Total Xylenes	ND	0.0250	1	01/30/23	01/31/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		106 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2305022
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/23	01/31/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.0 %	70-130	01/30/23	01/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2305027
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/23	01/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/23	01/31/23	
<i>Surrogate: n-Nonane</i>						
		106 %	50-200	01/30/23	01/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2305033
Chloride	ND	20.0	1	01/31/23	01/31/23	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bellatrix 28 Fed Com 8H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/1/2023 3:26:14PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

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

Blank (2305021-BLK1)

Prepared: 01/30/23 Analyzed: 01/31/23

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	0.465		0.500		93.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.464		0.500		92.8	70-130			
Surrogate: Toluene-d8	0.515		0.500		103	70-130			

LCS (2305021-BS1)

Prepared: 01/30/23 Analyzed: 01/31/23

Benzene	2.53	0.0250	2.50		101	70-130			
Ethylbenzene	2.54	0.0250	2.50		102	70-130			
Toluene	2.59	0.0250	2.50		104	70-130			
o-Xylene	2.69	0.0250	2.50		107	70-130			
p,m-Xylene	5.11	0.0500	5.00		102	70-130			
Total Xylenes	7.80	0.0250	7.50		104	70-130			
Surrogate: Bromofluorobenzene	0.462		0.500		92.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.461		0.500		92.2	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			

LCS Dup (2305021-BSD1)

Prepared: 01/30/23 Analyzed: 01/31/23

Benzene	2.60	0.0250	2.50		104	70-130	2.69	23	
Ethylbenzene	2.62	0.0250	2.50		105	70-130	3.10	27	
Toluene	2.68	0.0250	2.50		107	70-130	3.32	24	
o-Xylene	2.78	0.0250	2.50		111	70-130	3.60	27	
p,m-Xylene	5.30	0.0500	5.00		106	70-130	3.56	27	
Total Xylenes	8.08	0.0250	7.50		108	70-130	3.58	27	
Surrogate: Bromofluorobenzene	0.460		0.500		91.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.468		0.500		93.6	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bellatrix 28 Fed Com 8H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/1/2023 3:26:14PM

Volatile Organics by EPA 8021B

Analyst: SL

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 (2305022-BLK1)

Prepared: 01/30/23 Analyzed: 01/31/23

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	8.37		8.00		105	70-130			

LCS (2305022-BS1)

Prepared: 01/30/23 Analyzed: 01/31/23

Benzene	5.11	0.0250	5.00		102	70-130			
Ethylbenzene	5.17	0.0250	5.00		103	70-130			
Toluene	5.28	0.0250	5.00		106	70-130			
o-Xylene	5.30	0.0250	5.00		106	70-130			
p,m-Xylene	10.5	0.0500	10.0		105	70-130			
Total Xylenes	15.8	0.0250	15.0		105	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.29		8.00		104	70-130			

LCS Dup (2305022-BSD1)

Prepared: 01/30/23 Analyzed: 01/31/23

Benzene	4.67	0.0250	5.00		93.3	70-130	9.14	20	
Ethylbenzene	4.71	0.0250	5.00		94.2	70-130	9.19	20	
Toluene	4.82	0.0250	5.00		96.3	70-130	9.24	20	
o-Xylene	4.83	0.0250	5.00		96.6	70-130	9.40	20	
p,m-Xylene	9.55	0.0500	10.0		95.5	70-130	9.08	20	
Total Xylenes	14.4	0.0250	15.0		95.8	70-130	9.19	20	
Surrogate: 4-Bromochlorobenzene-PID	8.25		8.00		103	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bellatrix 28 Fed Com 8H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/1/2023 3:26:14PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2305021-BLK1)

Prepared: 01/30/23 Analyzed: 01/31/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.465		0.500		93.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.464		0.500		92.8	70-130			
Surrogate: Toluene-d8	0.515		0.500		103	70-130			

LCS (2305021-BS2)

Prepared: 01/30/23 Analyzed: 01/31/23

Gasoline Range Organics (C6-C10)	58.1	20.0	50.0		116	70-130			
Surrogate: Bromofluorobenzene	0.469		0.500		93.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.467		0.500		93.4	70-130			
Surrogate: Toluene-d8	0.520		0.500		104	70-130			

LCS Dup (2305021-BSD2)

Prepared: 01/30/23 Analyzed: 01/31/23

Gasoline Range Organics (C6-C10)	61.6	20.0	50.0		123	70-130	5.82	20	
Surrogate: Bromofluorobenzene	0.466		0.500		93.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.470		0.500		93.9	70-130			
Surrogate: Toluene-d8	0.521		0.500		104	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Project Number: Project Manager:	Bellatrix 28 Fed Com 8H 01058-0007 Tom Bynum	Reported: 2/1/2023 3:26:14PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

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 (2305022-BLK1)

Prepared: 01/30/23 Analyzed: 01/31/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.85		8.00		98.1	70-130			

LCS (2305022-BS2)

Prepared: 01/30/23 Analyzed: 01/31/23

Gasoline Range Organics (C6-C10)	50.7	20.0	50.0		101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.95		8.00		99.4	70-130			

LCS Dup (2305022-BSD2)

Prepared: 01/30/23 Analyzed: 01/31/23

Gasoline Range Organics (C6-C10)	50.3	20.0	50.0		101	70-130	0.811	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.01		8.00		100	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bellatrix 28 Fed Com 8H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/1/2023 3:26:14PM

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 (2305025-BLK1)

Prepared: 01/30/23 Analyzed: 01/31/23

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.7		50.0		101	50-200			

LCS (2305025-BS1)

Prepared: 01/30/23 Analyzed: 01/31/23

Diesel Range Organics (C10-C28)	263	25.0	250		105	38-132			
Surrogate: n-Nonane	50.4		50.0		101	50-200			

Matrix Spike (2305025-MS1)

Source: E301151-03

Prepared: 01/30/23 Analyzed: 01/31/23

Diesel Range Organics (C10-C28)	267	25.0	250	ND	107	38-132			
Surrogate: n-Nonane	50.2		50.0		100	50-200			

Matrix Spike Dup (2305025-MSD1)

Source: E301151-03

Prepared: 01/30/23 Analyzed: 01/31/23

Diesel Range Organics (C10-C28)	268	25.0	250	ND	107	38-132	0.392	20	
Surrogate: n-Nonane	51.2		50.0		102	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bellatrix 28 Fed Com 8H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/1/2023 3:26:14PM

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 (2305027-BLK1)

Prepared: 01/30/23 Analyzed: 01/31/23

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	40.1		50.0		80.2	50-200			

LCS (2305027-BS1)

Prepared: 01/30/23 Analyzed: 01/31/23

Diesel Range Organics (C10-C28)	225	25.0	250		89.9	38-132			
Surrogate: n-Nonane	40.9		50.0		81.8	50-200			

Matrix Spike (2305027-MS1)

Source: E301154-05

Prepared: 01/30/23 Analyzed: 01/31/23

Diesel Range Organics (C10-C28)	229	25.0	250	ND	91.7	38-132			
Surrogate: n-Nonane	40.9		50.0		81.7	50-200			

Matrix Spike Dup (2305027-MSD1)

Source: E301154-05

Prepared: 01/30/23 Analyzed: 01/31/23

Diesel Range Organics (C10-C28)	229	25.0	250	ND	91.6	38-132	0.135	20	
Surrogate: n-Nonane	39.8		50.0		79.6	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bellatrix 28 Fed Com 8H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/1/2023 3:26:14PM

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 (2305030-BLK1)					Prepared: 01/31/23 Analyzed: 02/01/23				
Chloride	ND	20.0							
LCS (2305030-BS1)					Prepared: 01/31/23 Analyzed: 02/01/23				
Chloride	249	20.0	250		99.4	90-110			
LCS Dup (2305030-BSD1)					Prepared: 01/31/23 Analyzed: 02/01/23				
Chloride	249	20.0	250		99.7	90-110	0.313	20	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bellatrix 28 Fed Com 8H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/1/2023 3:26:14PM

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 (2305033-BLK1)					Prepared: 01/31/23 Analyzed: 01/31/23				
Chloride	ND	20.0							
LCS (2305033-BS1)					Prepared: 01/31/23 Analyzed: 01/31/23				
Chloride	250	20.0	250		99.9	90-110			
LCS Dup (2305033-BSD1)					Prepared: 01/31/23 Analyzed: 01/31/23				
Chloride	250	20.0	250		100	90-110	0.113	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:	Bellatrix 28 Fed Com 8H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	02/01/23 15:26

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

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

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



Project Information

Chain of Custody

Page 1 of 3

Client: Pima Environmental Services					Bill To		Lab Use Only				TAT				EPA Program	
Project: <u>Bellatrix 28 Fed Com 8H</u>					Attention: <u>Devon Energy</u>		Lab WO# <u>E301151</u>		Job Number <u>01058-0007</u>		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Tom Bynum					Address:		Analysis and Method								RCRA	
Address: 5614 N. Lovington Hwy.					City, State, Zip											
City, State, Zip: Hobbs, NM, 88240					Phone:											
Phone: 580-748-1613					Email:											
Email: tom@pimaoil.com					Pima Project # <u>1-211</u>											
Report due by:																
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	State		
														NM	CO	UT
															AZ	TX
Remarks																
8:00	1/29/23	S	1	CS-1	1							X				
8:05				CS-2	2											
8:10				CS-3	3											
8:15				CS-4	4											
8:20				CS-5	5											
8:25				CS-6	6											
8:30				CS-7	7											
8:35				CS-8	8											
8:40				CSW-1	9											
8:45				CSW-2	10											
Additional Instructions: <u>Bill To Devon Energy: # 2109150Z</u>																
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling 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)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only								
<u>Neil Rogers</u>		1-30-23	2:00	<u>Michelle Gonzales</u>		1-30-23	1400	Received on ice: <u>Y</u> / N								
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 T2 T3								
<u>Michelle Gonzales</u>		1-30-23	1730	<u>Rorena Lopez</u>		1-30-23	1730									
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C <u>4</u>								
<u>Rorena Lopez</u>		1-30-23	2315	<u>Cathy Chute</u>		1/31/23	8:15									
Sample Matrix: (S - Soil) Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																
Container Type: <u>g - glass</u> 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.																

Project Information

Chain of Custody

Page 2 of 3

Client: Pima Environmental Services					Bill To		Lab Use Only				TAT				EPA Program	
Project: <u>Bellatrix 28 Fed Com 8H</u>					Attention: <u>Devon Energy</u>		Lab WO# <u>E301151</u>		Job Number <u>01058-0007</u>		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Tom Bynum					Address:		Analysis and Method								RCRA	
Address: 5614 N. Lovington Hwy.					City, State, Zip											
City, State, Zip: <u>Hobbs, NM, 88240</u>					Phone:											
Phone: 580-748-1613					Email:											
Email: <u>tom@pimaoil.com</u>					Pima Project # <u>1-211</u>											
Report due by:																
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks		
8:50	1/29/23	S	1	CSW-3	11							X				
8:55				CSW-4	12											
9:00				CSW-5	13											
9:05				CSW-6	14											
9:10				CSW-7	15											
9:15				CSW-8	16											
9:20				CSW-9	17											
9:25				CSW-10	18											
9:30				CSW-11	19											
9:35				CSW-12	20											
Additional Instructions: <u>Bill To Devon Energy: # 2109150Z</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 6 °C on subsequent days.					
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only								
<u>Neil Kofers</u>		1-30-23	2:00	<u>Dominic Gonzales</u>		1-30-23	1400	Received on ice: <u>Q/N</u>								
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 T2 T3								
<u>Michelle Cruz</u>		1-30-23	1730	<u>Lorenz</u>		1-30-23	1730									
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C <u>4</u>								
<u>Lorenz</u>		1-30-23	2315	<u>Cathy Chih</u>		1/31/23	8:15	Container Type: <u>g - glass</u> 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.																



Project Information

Chain of Custody

Page 3 of 3

Client: Pima Environmental Services		Bill To		Lab Use Only		TAT		EPA Program					
Project: <u>Bellaatrix 28 Fed Com 8H</u>		Attention: <u>Devon Energy</u>		Lab WO# <u>E 301151</u>		Job Number <u>01058-0007</u>		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Tom Bynum		Address:		Analysis and Method									
Address: 5614 N. Lovington Hwy.		City, State, Zip											RCRA
City, State, Zip <u>Hobbs, NM, 88240</u>		Phone:											
Phone: 580-748-1613		Email:											
Email: <u>tom@pimaoil.com</u>		Pima Project # <u>1-211</u>											
Report due by:													

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	State	Remarks
9:40	1/29/23	S	1	CSW-13	21							X			
9:45		I	I	CSW-14	22							I			
9:50		I	I	CSW-15	23							I			
9:55		I	I	CSW-16	24							I			

Additional Instructions:

Bill To Devon Energy: # 2109150Z

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

Sampled by: Dominic Gonzales

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only
<u>Neil Rogers</u>	<u>1-30-23</u>	<u>2:00</u>	<u>Michelle Cuyler</u>	<u>1-30-23</u>	<u>1400</u>	Received on ice: <u>(Y) N</u>
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	T1
<u>Michelle Cuyler</u>	<u>1-30-23</u>	<u>1730</u>	<u>Lorenzini</u>	<u>1-30-23</u>	<u>1730</u>	T2
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	T3
<u>Lorenzini</u>	<u>1-30-23</u>	<u>2315</u>	<u>Carth Chute</u>	<u>1/31/23</u>	<u>8:15</u>	AVG Temp °C <u>4</u>
Sample Matrix (S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other)			Container Type <u>g - glass</u> 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: 1/31/2023 9:09:27AM

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:	01/31/23 08:15	Work Order ID:	E301151
Phone:	(575) 631-6977	Date Logged In:	01/30/23 15:32	Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	01/31/23 17:00 (0 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? Yes
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/ResolutionSample 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? Yes
 - 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

CONDITIONS

Action 189162

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 189162
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2230425901 BELLATRIX 28 FED COM #008H, thank you. This closure is approved.	6/23/2023