



## RECLAMATION REPORT

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PREPARED FOR:  
DEVON ENERGY PRODUCTION, LP.

PREPARED BY:  
PIMA ENVIRONMENTAL SERVICES, LLC.

April 25<sup>th</sup>, 2025  
PIMA ENVIRONMENTAL SERVICES, LLC.  
5614 N LOVINGTON HWY, HOBBS, NM 88240



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

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

**RE:** RECLAMATION REPORT

**LOCATION:** Broadside 12 CTB 2

**API:** N/A

**FACILITY ID:** N/A

**GPS:** 32.22580359, -103.5185014

**INCIDENT LOCATION:** UL- P. Section 12, T24S, R33E

**COUNTY:** Lea

**NMOCD REF. NO.** NAPP2312824558

Pima Environmental Services, LLC (Pima) has been contracted by Devon Energy Production Company, LP (Devon) to prepare the Reclamation Report for the Broadside 12 CTB 2 site (hereafter referred to as the "Broadside"). This report provides a comprehensive overview of the site's history, details the reclamation activities that have been undertaken to date, and outlines a proposed plan for ongoing vegetation monitoring.

## **SITE CHARACTERIZATION**

The Broadside is located approximately twenty-one (21) miles northwest of Jal, NM. This spill site is in Unit P, Section 12, Township 24S, Range 33E, Latitude 32.22580359 Longitude -103.5185014, Lea County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is 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 Berino-Cacique loamy fine sands association, 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 Broadside (Figure 3). A Topographic Map can be referenced in Figure 2.

Based on the well water data from the New Mexico Office of the State Engineer water well (C-03666-POD 1), the depth to the nearest groundwater in this vicinity measures 390 feet below grade surface (BGS), positioned 0.86 of a mile away from the Broadside, drilled, October 18, 2013. Conversely, as per the United States Geological Survey well water data (USGS321403103300301), the nearest groundwater depth in this region is recorded at 63 feet BGS, situated approximately 1.13 miles away from the Broadside, with the last gauge conducted in 2006. The nearest water feature is a Salt Playa located approximately 8.03 miles to the northeast of this site. For detailed references to water surveys and the precise locations of water wells, please refer to Appendix A, inclusive of the relevant maps.



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Depth to groundwater at the Broadside will be classified as <50' BGS. Referenced water surveys, pod information, and water-related maps can be found in Appendix A.

Table 1 NMAC and Closure Criteria 19.15.29					
Depth to Groundwater (Appendix B)	Constituent & Limits				
	Chlorides	Total TPH	GRO+DRO	BTEX	Benzene
<50' (Lack of GW)	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

## SITE CONDITIONS AND HISTORY

### NAPP2312824558

On May 7, 2023, a 3<sup>rd</sup> party reported leaking and spraying from LACT pump skid, causing fluid to be released. The released fluids were calculated to be approximately 2 barrels (bbls) of crude oil. No standing fluid was recovered.

On June 8, 2023, Pima Environmental conducted a site assessment and obtained soil samples. The laboratory results of this sampling event can be found in Figure 4. Analytical Laboratory Reports can be found in Appendix E. Photographic Documentation can be found in Appendix D. A Site Map can be found in Figure 5.

On May 31, 2024, after sending a 48-hour notification, application ID: 348565 (Appendix C), Pima returned to the site to collect confirmation samples of the area. The results of this sampling event can be found in Figure 4. Analytical Laboratory Reports can be found in Appendix E. A Confirmation Sample Map can be found in Figure 6.

The sample results were below NMOCD Closure Criteria 19.15.29 NMAC. Based on these findings, no further remediation activities were required.

A Remediation Closure Report (Application ID: 354300), was submitted to the NMOCD on June 14, 2024, for approval.

On August 12, 2024, Incident ID: NAPP2312824558, was approved by the NMOCD.

## RECLAMATION ACTIVITIES

The areas of concern do not require reclamation at this time as the conditions of the areas that were reported to have been affected were non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg and TPH concentrations less than 100 mg/kg. To support this the Laboratory Analytical Reports are available in Appendix E. Furthermore, Photographic Documentation to prove that the ground has not been affected is available in Appendix D.

Regarding the Broadside 12 CTB 2 site, proposed reclamation actions are outlined below and will be implemented once the site is no longer needed for production and/or subsequent drilling operations.



## RECLAMATION ACTIONS REQUIRED

In accordance with NMAC 19.2.100.67 Regulations NMSLO Reclamation and Remediation Guidelines and Procedures, and any stipulations or land use agreements pertaining to the locations on private land, the following reclamation activities are proposed at the site.

Once the site is no longer needed for production of subsequent drilling operations, Devon will conduct the following:

- All surface equipment, tanks, and piping, along with all trash, junk, and debris, will be removed for the site location and transported for reuse, recycling, or disposal as Resources Conservation and Recovery Act (RCRA- Exempt E&P Waste at an NMOCD-approved facility.
- Stained or discolored areas found during historical imagery search or reclamation activities will be assessed by collecting samples for submission to an analytical laboratory to analyze chloride and TPH. Soils identified with Total Petroleum Hydrocarbons (TPH) or chloride impacts above NMOCD reclamation requirements will be reclaimed according to NMOCD standards.
- Any removed known or suspected contaminated soil will be transported to an NMOCD-approved facility for disposal as RCRA Exempt Waste.
- Upon completion of any excavation of known or suspected impacted material, composite confirmation samples will be collected from the excavation floor and sidewalls, with each sample representing an area of no more than 200 square feet following sampling protocols set out in 19.15.29 NMAC.
- Upon receipt of any laboratory analytical results from confirmation soil samples demonstrating constituent contaminant levels are equal to or below NMOCD Closure Criteria, any excavated areas will be backfilled with locally sourced clean soil.
- Surface caliche and previously imported base aggregate will be scraped and removed from the site's surface using mechanical equipment and associated roads. The removed aggregate materials are anticipated to be reused to maintain nearby active well pads and lease roads.
- The site will have topsoil replaced and graded to match surrounding topography, then ripped, bermed, or water-barred to stabilize and control erosion and seeded with the appropriate NMSLO-approved seed mixture based on existing soil type at each location.
- Lease roads will have topsoil replaced, then ripped, bermed back to in-use lease roads, water barred and seeded with NMSLO-approved seed mixture for the location soil type.
- Reclamation activities are expected to be completed within 90 days of NMSLO approval of a Site Assessment and Reclamation Work Plan.
- Withing 30 days or at the beginning of the next favorable growing season following these completed reclamation activities, each reclamation site location will be seeded via hand broadcast at double the drill seeding rate as prescribed in NMSLO Seed Mix application guidelines.

## RESTORATION, RECLAMATION, AND REVEGETATION

Based on laboratory analytical results from confirmation soil samples, the reclaimed area will be backfilled with locally sourced clean topsoil. The reclaimed areas will be ripped and bermed or water-barred to achieve erosion control, surface stability, and preservation of surface water flow.





### **Preparation and Seeding**

Preparation of reclaimed areas will include cross-ripping to prepare the seedbed with two-foot furrows as deep as possible without bringing rock material back to the surface. The prepared areas will be seeded with NMSLO-approved seed mixtures. Within 30 days of completion of reclamation activities, the seed will be applied using broadcast methods at double drill seed application quantities as prescribed by NMSLO Mix Data sheet. Seed mixtures will be free of noxious weeds. Traffic control berms discussed below will also be seeded.

### **Traffic Control and Access Restriction**

As discussed above, earthen berms will be installed to restrict access and vehicular traffic through reclamation areas during the revegetation process. If berms proved unsuccessful long term at preventing disturbance to the reclamation area, fencing will be installed to further restrict site access.

### **Vegetation Monitoring**

Vegetation monitoring will be conducted in accordance with the New Mexico State Land Office Southeastern New Mexico Revegetation Handbook. Devon Energy acknowledges that a revised handbook is in development, and any applicable updated will be incorporated into the vegetation monitoring plan once published.

Revegetation typically requires approximately three years to be considered complete for reclamation purposes. After the first growing season, the revegetation area may initially appear sparse, with a mix of annual weeds, grasses, and other reclamation vegetation in the early stages of emergence.

By the second full growing season, pioneer reclamation grass species should be clearly visible, and grasses will typically begin to dominate over the annual weeds, although they may still be present. If there have been typical to above-average precipitation levels, revegetation will likely improve, with drought-tolerant species helping to support the growth. By the end of the third full growing season, the success of the revegetation efforts can generally be assessed.

Reclamation areas will be monitored semi-annually for growth, noxious weed management, and the need for additional reclamation activities until the required revegetation is completed. The following NMSLO-prescribed observational assessment methodology will guide the revegetation monitoring process during these semi-annual evaluations:

- Current conditions will be photographed with emphasis on problem areas, and ocular estimations of plant cover, production, and density will also be documented with photographs.
- Revegetation results will be compared to adjacent native areas.
- Erosional features such as gullies, rills, and sheet erosion will be recorded and photographed.
- Invasive and noxious weeds will be identified and photographed, and mitigation measures will be developed and implemented if required.
- Any grazing or overgrazing will be documented.
- Wildlife impacts will be documented to include rodents, rabbits, and large grazers.

The standard that will be employed to determine reclamation and revegetation progress is the comparison of the reclaimed and revegetated area with the adjacent native rangeland. This comparison may utilize ocular estimation or remote sensing of plant community cover, production, and diversity.



## SCHEDULE

Upon approval of this Reclamation Report, Devon Energy will carry out the reclamation activities described above on the site within 25 years, provided that production and/or subsequent drilling operations have been completed. Once Reclamation activities are complete, a reclamation report will be prepared for the Site and submitted to the NMSLO.

## CONCLUSION

The long-term goal of final reclamation is to restore the ecosystem, including the natural vegetation community, hydrology, and wildlife habitats. This involves returning the land to a condition that closely resembles or equals its state prior to disturbance. According to ECO's guidance, reclamation is deemed successful when the reclaimed areas achieve a vegetation density greater than 70-percent of pre-disturbance coverage, excluding invasive or noxious weeds. Once the disturbed areas reach a representative vegetative cover and are considered successful, the former pad area associated with the Site will be deemed reclaimed in accordance with 19.2.100.67 NMAC.

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

Devon Energy Production – Jim Raley at 575-689-7597 or [jim.raley@dvn.com](mailto:jim.raley@dvn.com).

Pima Environmental – Lynsey Coons at 575-318-7532 or [lynsey@pimaoil.com](mailto:lynsey@pimaoil.com).

Respectfully,

*Lynsey Coons*

Lynsey Coons

Project Manager

Pima Environmental Services, LLC



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# ATTACHMENTS

## FIGURES:

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

## APPENDICES:

Appendix A – Water Surveys, Surface Water Map

Appendix B – Soil Survey, Geological Data, FEMA Flood Map, Wetlands Map

Appendix C – 48- Hour Notification

Appendix D – Photographic Documentation

Appendix E – Laboratory Results



## FIGURES

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



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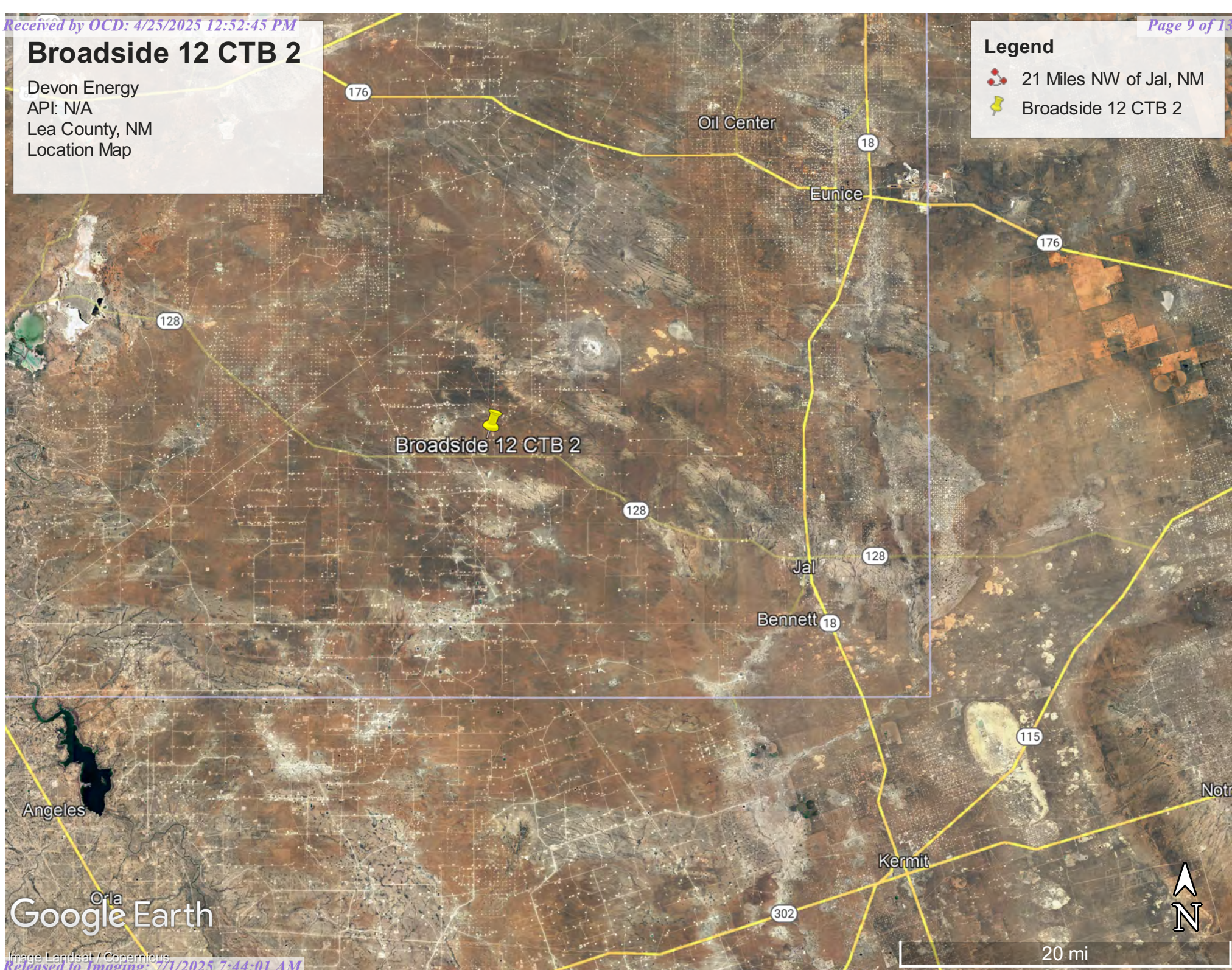


# Broadside 12 CTB 2

Devon Energy  
API: N/A  
Lea County, NM  
Location Map

## Legend

-  21 Miles NW of Jal, NM
-  Broadside 12 CTB 2



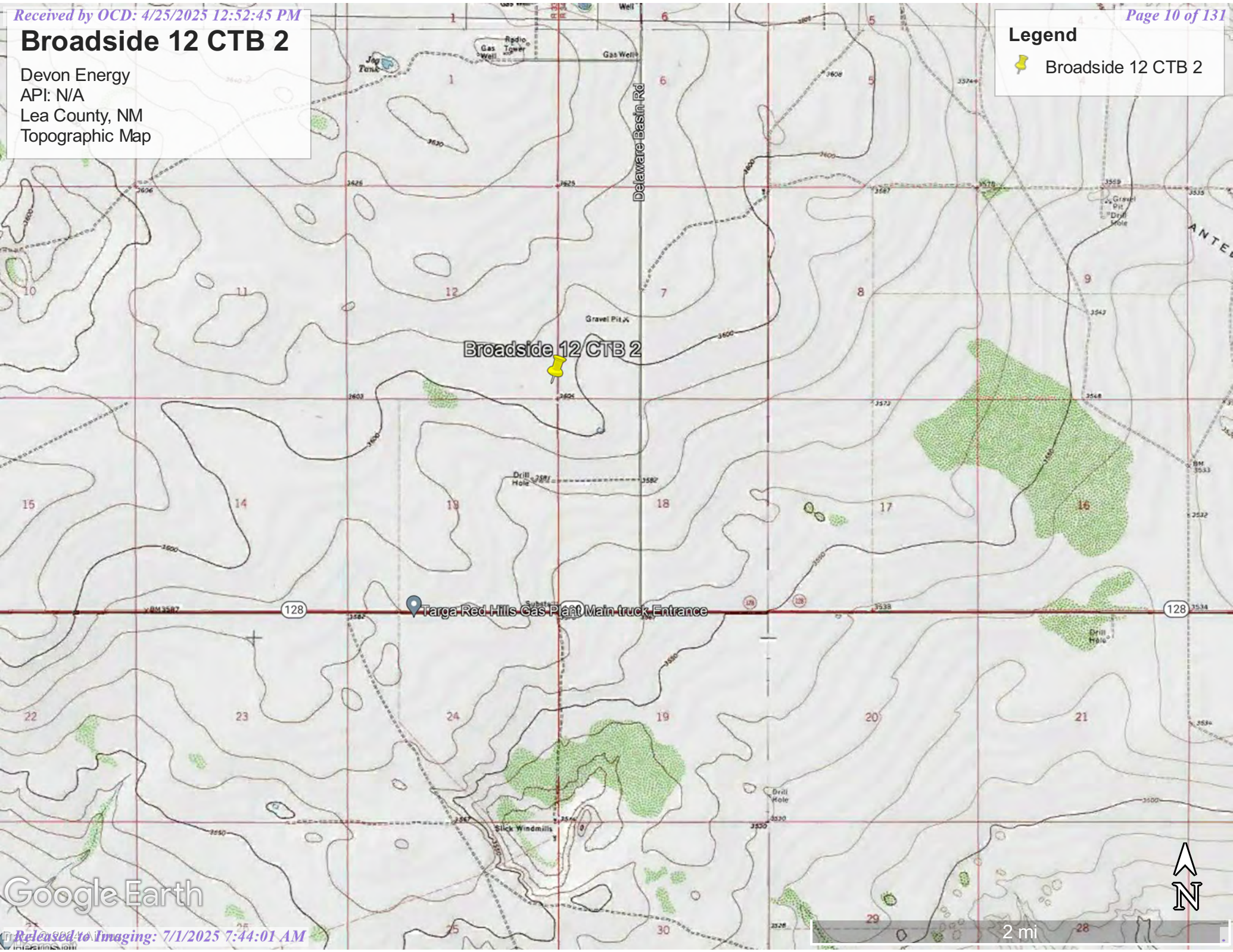


# Broadside 12 CTB 2

Devon Energy  
API: N/A  
Lea County, NM  
Topographic Map

## Legend

 Broadside 12 CTB 2



Google Earth



2 mi




# Broadside 12 CTB 2

Devon Energy  
API: N/A  
Lea County, NM  
Karst Map

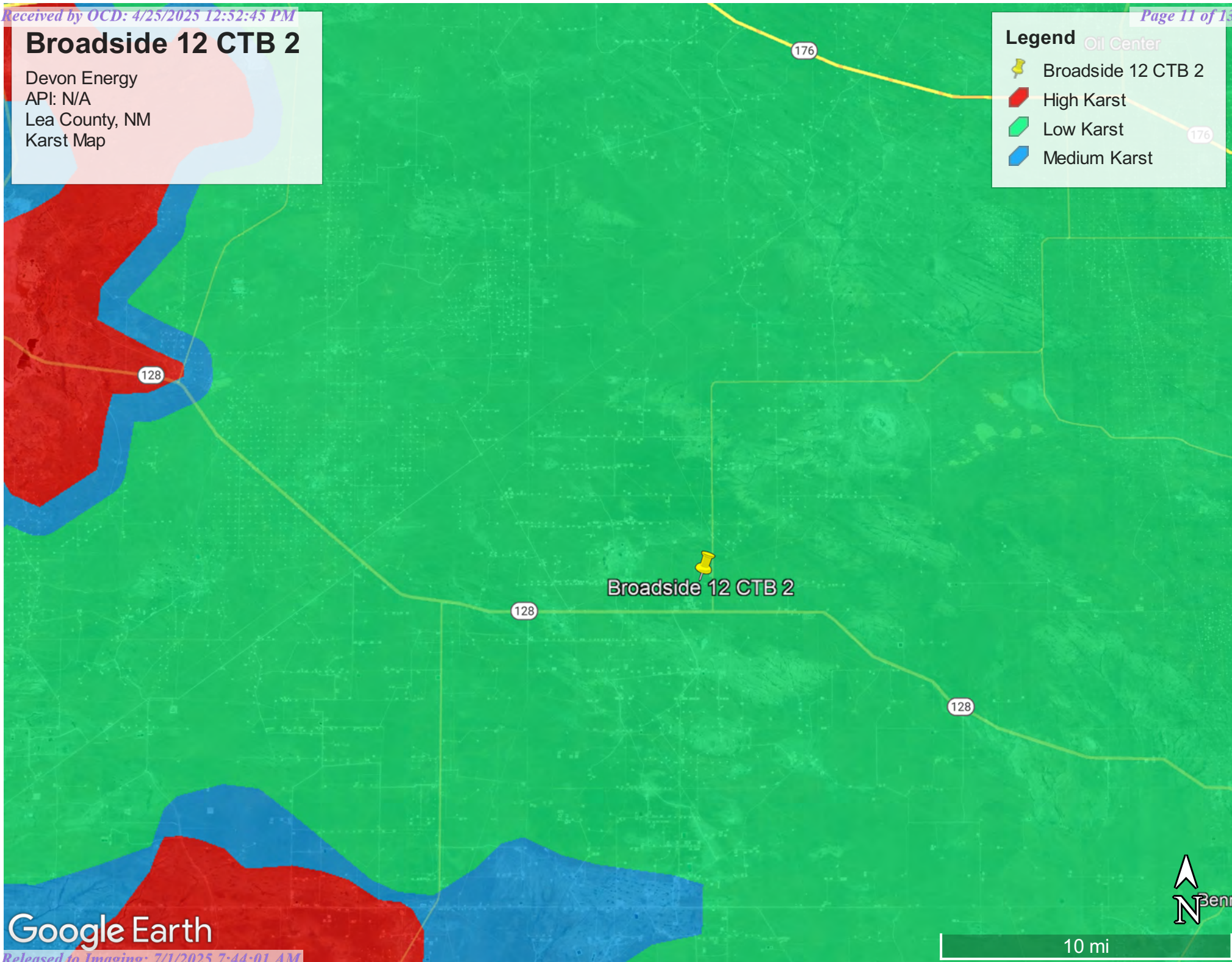
**Legend**

 Broadside 12 CTB 2

 High Karst

 Low Karst

 Medium Karst



Google Earth

# 6/8/23 Data Tables



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NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
DEVON ENERGY - BROADSIDE 12 CTB 2 NAPP2312824558								
Sample Date:6/8/2023				NM Approved Laboratory Results				
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	CI mg/kg
S-1	1'	ND	ND	ND	40.5	ND	40.5	ND
	2'	ND	ND	ND	ND	ND	0	47.7
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S-2	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S-3	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S-4	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S-5	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
SW 1	6"	ND	ND	ND	ND	ND	0	ND
SW 2	6"	ND	ND	ND	ND	ND	0	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
SW 6	6"	ND	ND	ND	ND	ND	0	ND
BG 1	6"	ND	ND	ND	ND	ND	0	ND

# 5/31/2024 Data Tables



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




NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
DEVON ENERGY -BROADSIDE 12 CTB 2 NAPP2312824558								
Sample Date:5-31-24				NM Approved Laboratory Results				
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	CI mg/kg
CS1	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
CS2	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
CS3	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
CS4	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
CS5	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
CSW1	0-2'	ND	ND	ND	ND	ND	0	ND
CSW2	0-2'	ND	ND	ND	ND	ND	0	ND
CSW3	0-2'	ND	ND	ND	ND	ND	0	ND
CSW4	0-2'	ND	ND	ND	ND	ND	0	ND
CSW5	0-2'	ND	ND	ND	ND	ND	0	ND
CSW6	0-2'	ND	ND	ND	ND	ND	0	ND

## Broadside 12 CTB 2

Devon Energy  
API: N/A  
Lea County, NM  
Site Map

### Legend

-  1,354 Sqft over spray
-  Sidewalls/Background
-  Samples

Broadside 12 CTB 2 



100 ft




Google Earth



## Broadside 12 CTB 2

Devon Energy  
API: N/A  
Lea County, NM  
Confirmation Map

### Legend

-  Broadside 12 CTB 2
-  Confirmation Sidewalls
-  Confirmation Samples



90 ft

Google Earth

# APPENDIX A

OSE Water Survey

USGS Water Survey

Surface Water Map



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DEVON ENERGY PRODUCTION, LP.



# 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	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
<a href="#">C 03666 POD1</a>		C	LE	2	3	4	13	24S	33E		639132	3565078	1426	650	390	260
<a href="#">C 03932 POD8</a>		CUB	LE	4	2	4	07	24S	34E		641120	3566769	1559	72		
<a href="#">C 03917 POD1</a>		C	LE	4	1	3	13	24S	33E		638374	3565212	1724	600	420	180
<a href="#">C 04014 POD1</a>		CUB	LE	1	1	3	06	24S	34E		639811	3568638	2222	91	81	10
<a href="#">C 04014 POD4</a>		CUB	LE	3	4	2	01	24S	33E		639295	3568859	2451	96	86	10
<a href="#">C 04014 POD2</a>		CUB	LE	4	4	2	01	24S	33E		639656	3568917	2491	95	81	14
<a href="#">C 04014 POD3</a>		CUB	LE	2	4	2	01	24S	33E		639497	3569007	2582	95	87	8
<a href="#">C 04014 POD5</a>		CUB	LE	1	4	2	01	24S	33E		639284	3569086	2678	95	85	10
<a href="#">C 04458 POD1</a>		CUB	LE	4	1	1	20	24S	34E		641549	3564532	2718		0	
<a href="#">C 03601 POD1</a>		CUB	LE	4	4	2	23	24S	33E		638124	3563937	2893			
<a href="#">C 03662 POD1</a>		C	LE	3	1	2	23	24S	33E		637342	3564428	3014	550	110	440
<a href="#">C 04339 POD6</a>		CUB	LE	3	1	2	23	24S	33E		637340	3564386	3043	60		
<a href="#">C 04339 POD9</a>		CUB	LE	3	4	2	23	24S	33E		637731	3563913	3131	45		
<a href="#">C 03601 POD2</a>		CUB	LE	3	2	4	23	24S	33E		637846	3563588	3336			
<a href="#">C 03601 POD3</a>		CUB	LE	1	3	3	24	24S	33E		638142	3563413	3346			
<a href="#">C 02309</a>		CUB	LE	2	2	2	25	24S	33E		639708	3562997	3430	60	30	30
<a href="#">C 03601 POD5</a>		CUB	LE	2	4	4	23	24S	33E		637988	3563334	3486			
<a href="#">C 04339 POD10</a>		CUB	LE	4	1	4	23	24S	33E		637688	3563503	3492	49		
<a href="#">C 03601 POD6</a>		CUB	LE	1	4	4	23	24S	33E		637834	3563338	3556			
<a href="#">C 03601 POD7</a>		CUB	LE	4	4	4	23	24S	33E		637946	3563170	3651			
<a href="#">C 03932 POD3</a>		CUB	LE	4	3	2	05	24S	34E		642442	3568787	3695	100		
<a href="#">C 04339 POD5</a>		CUB	LE	2	3	4	23	24S	33E		637580	3563328	3698	54		
<a href="#">C 04282 POD1</a>		C	LE	1	2	1	05	24S	34E		641662	3569541	3736	574	390	184
<a href="#">C 04339 POD3</a>		CUB	LE	2	4	3	23	24S	33E		637273	3563323	3878	38		
<a href="#">C 04339 POD4</a>		CUB	LE	2	4	3	23	24S	33E		637273	3563323	3878	47		
<a href="#">C 04339 POD7</a>		CUB	LE	4	4	2	23	24S	33E		636473	3564011	3950	43		
<a href="#">C 03600 POD1</a>		CUB	LE	2	2	1	26	24S	33E		637275	3563023	4121			
<a href="#">C 04339 POD8</a>		CUB	LE	1	1	3	23	24S	33E		636519	3563681	4125	30		
<a href="#">C 03620 POD1</a>		CUB	LE	1	4	3	32	23S	34E		641790	3569941	4141	480	130	350
<a href="#">C 03600 POD2</a>		CUB	LE	4	4	1	25	24S	33E		638824	3562329	4169			
<a href="#">C 03602 POD2</a>		CUB	LE	4	4	1	25	24S	33E		638824	3562329	4169			
<a href="#">C 04339 POD2</a>		CUB	LE	2	3	3	23	24S	33E		636789	3563315	4192			



<a href="#">C_04339_POD1</a>	CUB	LE	1	3	3	23	24S	33E	636525	3563309		4378	47		
<a href="#">C_03600_POD3</a>	CUB	LE	3	4	2	26	24S	33E	637784	3562340		4471			
<a href="#">C_03600_POD5</a>	CUB	LE	3	2	4	26	24S	33E	637857	3562020		4737			
<a href="#">C_02308</a>	CUB	LE	1	3	1	10	24S	33E	634953	3567364*		4739	40	20	20
<a href="#">C_03600_POD6</a>	CUB	LE	3	1	4	26	24S	33E	637383	3562026		4926			

Average Depth to Water:146 feet

Minimum Depth:0 feet

Maximum Depth:420 feet

Record Count: 37

UTMNAD83 Radius Search (in meters):

Easting (X): 639599

Northing (Y): 3566426.73

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/TSC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.


6/19/23 1:42 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER



# New Mexico Office of the State Engineer

## Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)				(NAD83 UTM in meters)			
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
C	03666 POD1	2	3	4	13	24S	33E	639132	3565078 
x									
Driller License:	1058	Driller Company:				KEY'S DRILLING & PUMP SERVICE			
Driller Name:	CASEY KEYS								
Drill Start Date:	10/18/2013	Drill Finish Date:				10/26/2013		Plug Date:	
Log File Date:	11/14/2013	PCW Rev Date:						Source:	Shallow
Pump Type:		Pipe Discharge Size:						Estimated Yield:	38 GPM
Casing Size:	8.00	Depth Well:				650 feet		Depth Water:	390 feet
x									
Water Bearing Stratifications:					Top	Bottom	Description		
					460	465	Sandstone/Gravel/Conglomerate		
					490	535	Sandstone/Gravel/Conglomerate		
x									
Casing Perforations:					Top	Bottom			
					485	650			
x									

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.

3/25/24 4:17 PM




POINT OF DIVERSION SUMMARY

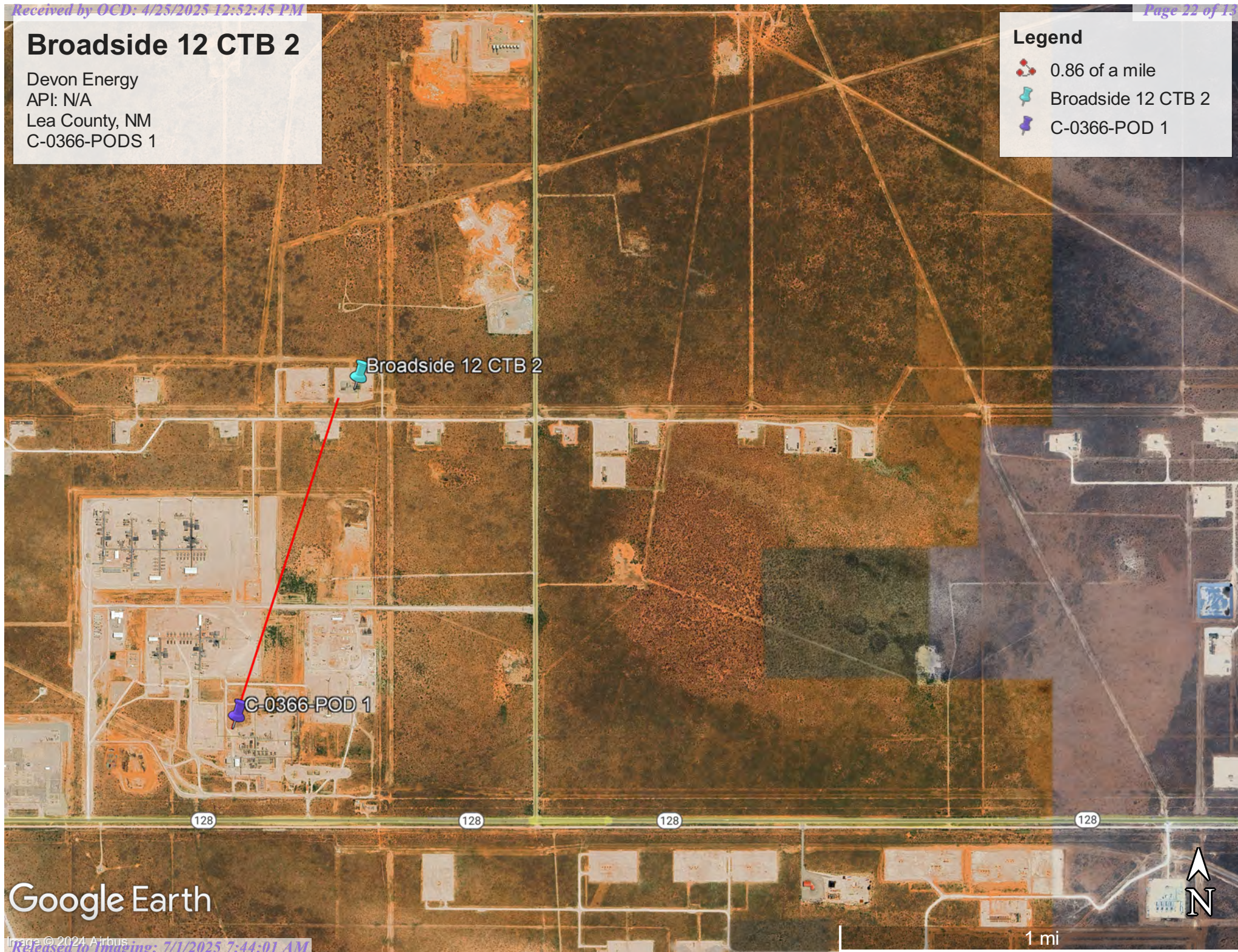


## Broadside 12 CTB 2

Devon Energy  
API: N/A  
Lea County, NM  
C-0366-PODS 1

### Legend

-  0.86 of a mile
-  Broadside 12 CTB 2
-  C-0366-POD 1



Google Earth





[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

- 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 =

- 321403103300301

Minimum number of levels = 1

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

### USGS 321403103300301 24S.34E.07.22222

Available data for this site

Groundwater: Field measurements

GO

Lea County, New Mexico

Hydrologic Unit Code 13070007

Latitude 32°14'03", Longitude 103°30'03" NAD27

Land-surface elevation 3,606 feet above NAVD88

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

This well is completed in the Ogallala Formation (121OGLL) local aquifer.

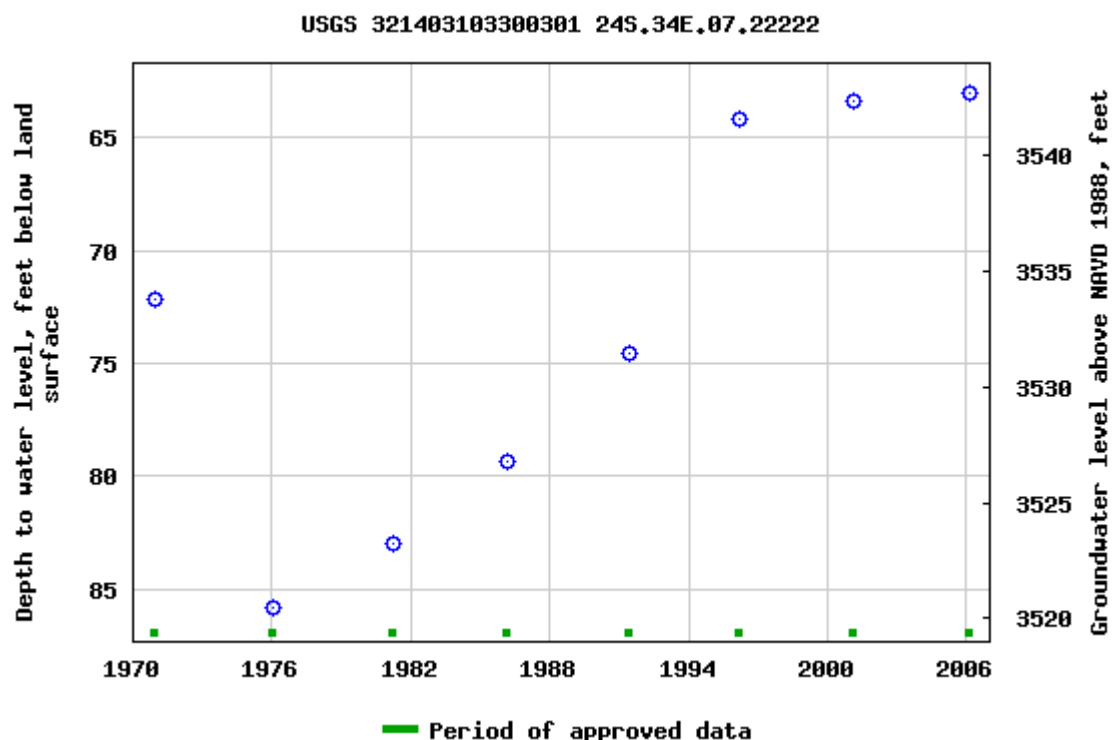
#### Output formats

[Table of data](#)

[Tab-separated data](#)

[Graph of data](#)

[Reselect period](#)



Breaks in the plot represent a gap of at least one year between field measurements.  
[Download a presentation-quality graph](#)

[Questions or Comments](#)

[Automated retrievals](#)

[Help](#)

[Data Tips](#)

[Explanation of terms](#)

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[Policies and Notices](#)

[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

**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: 2023-06-19 15:49:22 EDT

0.58 0.48 nadww02

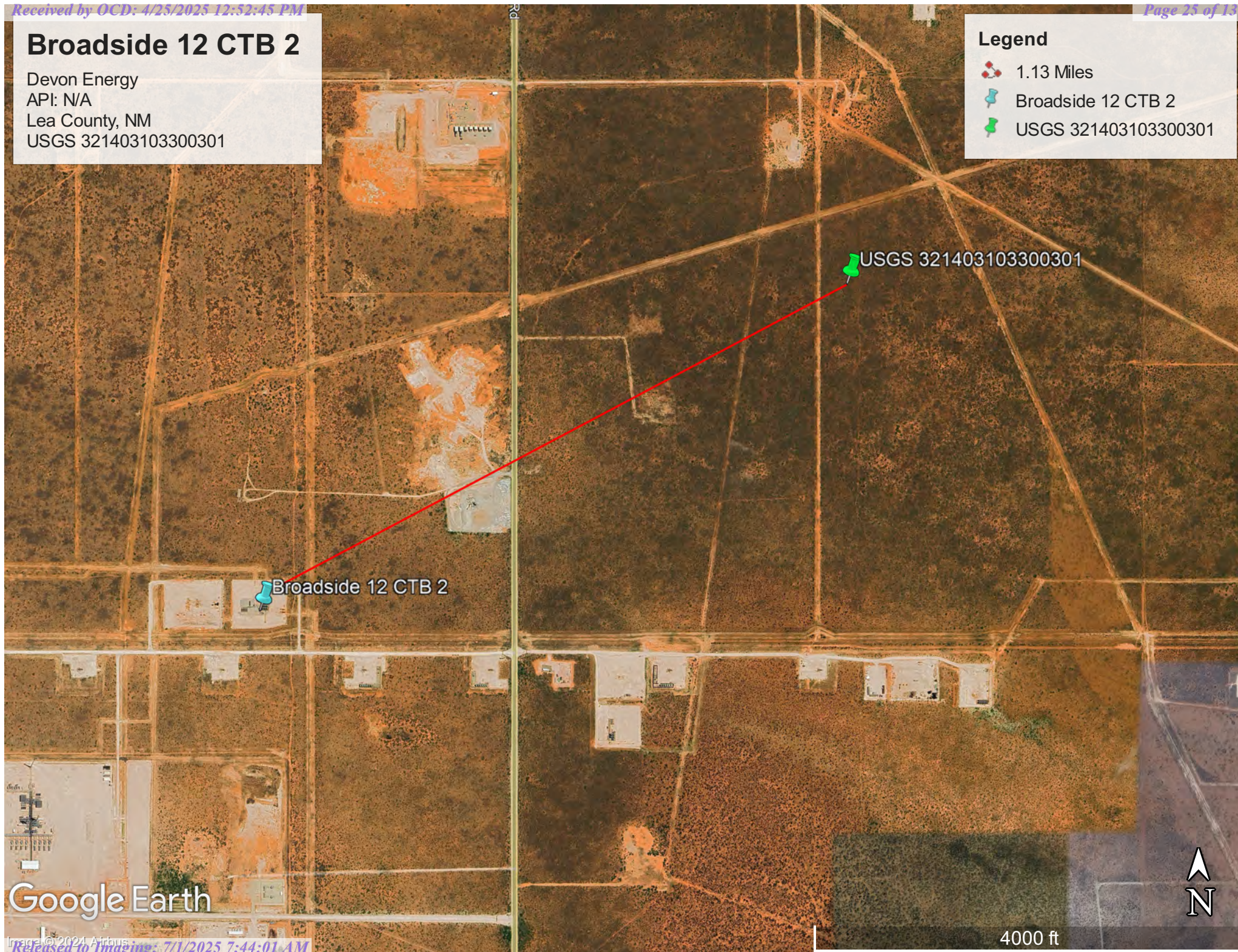


## Broadside 12 CTB 2

Devon Energy  
API: N/A  
Lea County, NM  
USGS 321403103300301

### Legend

- 1.13 Miles
- Broadside 12 CTB 2
- USGS 321403103300301



Google Earth

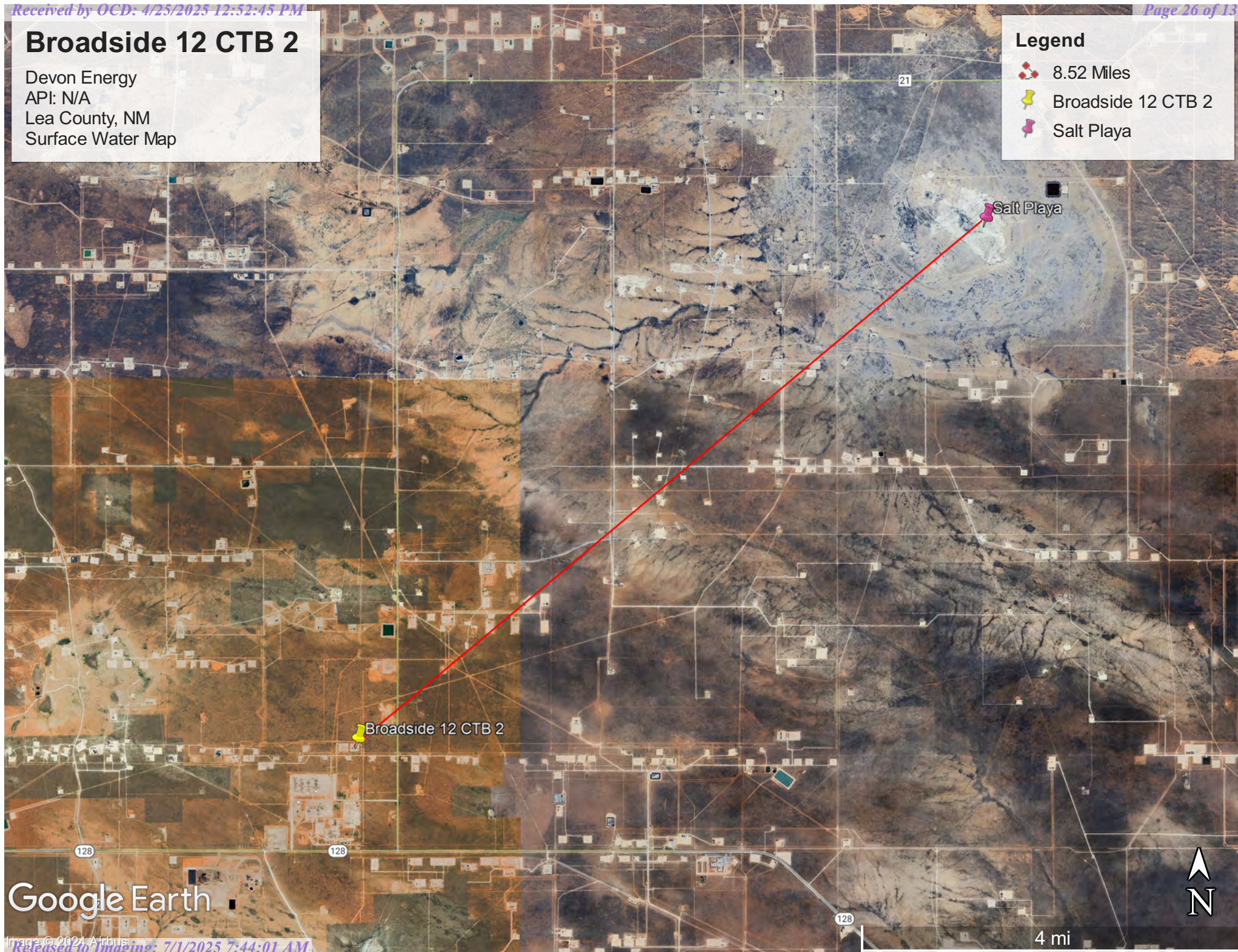


## Broadside 12 CTB 2

Devon Energy  
API: N/A  
Lea County, NM  
Surface Water Map

### Legend

- 8.52 Miles
- Broadside 12 CTB 2
- Salt Playa



Google Earth



## APPENDIX B

Soil Survey & Geological Data

Geologic Unit Map

FEMA Flood Map

Wetlands Map



Pima Environmental Services, LLC  
5614 N Lovington Hwy, Hobbs, NM 88240  
575-964-7740 | [www.pimaoil.com](http://www.pimaoil.com)

DEVON ENERGY PRODUCTION, LP.



Map Unit Description: Berino-Cacique loamy fine sands association---Lea County, New Mexico

---

## Lea County, New Mexico

### BE—Berino-Cacique loamy fine sands association

#### Map Unit Setting

*National map unit symbol:* dmpd

*Elevation:* 3,000 to 3,900 feet

*Mean annual precipitation:* 10 to 13 inches

*Mean annual air temperature:* 60 to 62 degrees F

*Frost-free period:* 190 to 205 days

*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Berino and similar soils:* 50 percent

*Cacique and similar soils:* 40 percent

*Minor components:* 10 percent

*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Berino

##### Setting

*Landform:* Plains

*Landform position (three-dimensional):* Rise

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Parent material:* Sandy eolian deposits derived from sedimentary rock over calcareous sandy alluvium derived from sedimentary rock

##### Typical profile

*A - 0 to 6 inches:* loamy fine sand

*Btk - 6 to 60 inches:* sandy clay loam

##### Properties and qualities

*Slope:* 0 to 3 percent

*Depth to restrictive feature:* More than 80 inches

*Drainage class:* Well drained

*Runoff class:* Low

*Capacity of the most limiting layer to transmit water*

*(Ksat):* Moderately high to high (0.60 to 2.00 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Calcium carbonate, maximum content:* 40 percent

*Gypsum, maximum content:* 1 percent

*Maximum salinity:* Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

*Sodium adsorption ratio, maximum:* 2.0

*Available water supply, 0 to 60 inches:* Moderate (about 8.7 inches)

Map Unit Description: Berino-Cacique loamy fine sands association---Lea County, New Mexico

---

**Interpretive groups**

*Land capability classification (irrigated):* None specified

*Land capability classification (nonirrigated):* 7c

*Hydrologic Soil Group:* B

*Ecological site:* R070BD003NM - Loamy Sand

*Hydric soil rating:* No

**Description of Cacique****Setting**

*Landform:* Plains

*Landform position (three-dimensional):* Rise

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Parent material:* Calcareous eolian deposits derived from sedimentary rock

**Typical profile**

*A - 0 to 12 inches:* loamy fine sand

*Bt - 12 to 28 inches:* sandy clay loam

*Bkm - 28 to 38 inches:* cemented material

**Properties and qualities**

*Slope:* 0 to 3 percent

*Depth to restrictive feature:* 20 to 40 inches to petrocalcic

*Drainage class:* Well drained

*Runoff class:* 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:* 5 percent

*Gypsum, maximum content:* 1 percent

*Maximum salinity:* Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

*Sodium adsorption ratio, maximum:* 2.0

*Available water supply, 0 to 60 inches:* Low (about 3.6 inches)

**Interpretive groups**

*Land capability classification (irrigated):* None specified

*Land capability classification (nonirrigated):* 7c

*Hydrologic Soil Group:* C

*Ecological site:* R070BD004NM - Sandy

*Hydric soil rating:* No

**Minor Components****Maljamar**

*Percent of map unit:* 6 percent

*Ecological site:* R077CY028TX - Limy Upland 16-21" PZ

*Hydric soil rating:* No

Map Unit Description: Berino-Cacique loamy fine sands association---Lea County, New Mexico

---

**Palomas**

*Percent of map unit:* 4 percent

*Ecological site:* R070BD003NM - Loamy Sand

*Hydric soil rating:* No

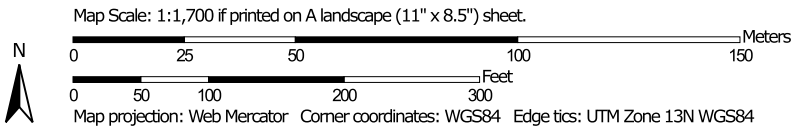
**Data Source Information**

Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 19, Sep 8, 2022



Soil Map—Lea County, New Mexico




Natural Resources  
Conservation Service

Web Soil Survey  
National Cooperative Soil Survey

4/25/2025  
Page 1 of 3

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service  
Web Soil Survey URL:  
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lea County, New Mexico  
Survey Area Data: Version 21, Sep 3, 2024

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BE	Berino-Cacique loamy fine sands association	10.6	100.0%
Totals for Area of Interest		10.6	100.0%



(<https://www.usgs.gov/>)

Mineral Resources (<https://www.usgs.gov/energy-and-minerals/mineral-resources-program>)  
/ Online Spatial Data (/) / Geology (/geology/) / by state (/geology/state/)  
/ New Mexico (/geology/state/state.php?state=NM)

## Eolian and piedmont deposits

XML (/geology/state/xml/NMQep;0)    JSON (/geology/state/json/NMQep;0)

Shapefile (/geology/state/unit-shape.php?unit=NMQep;0)

*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.*

<b>State</b>	New Mexico (/geology/state/state.php?state=NM)
<b>Name</b>	Eolian and piedmont deposits
<b>Geologic age</b>	Holocene to middle Pleistocene
<b>Lithologic constituents</b>	Major Unconsolidated    (Eolian) <i>Interlayered eolian sands and piedmont-slope deposits</i>
<b>References</b>	New Mexico Bureau of Geology and Mineral Resources, 2003, Geologic Map of New Mexico, scale 1:500,000 (includes some new polygons, faults, and attributes not in NM001 - heads up digitizing by JHorton).
<b>NGMDB product</b>	NGMDB product page for 22974 ( <a href="https://ngmdb.usgs.gov/Prodesc/proddesc_22974.htm">https://ngmdb.usgs.gov/Prodesc/proddesc_22974.htm</a> )
<b>Counties</b>	Chaves (/geology/state/fips-unit.php?code=f35005) - DeBaca (/geology/state/fips-unit.php?code=f35011) - Eddy (/geology/state/fips-unit.php?code=f35015) - Lea (/geology/state/fips-unit.php?code=f35025) - Roosevelt (/geology/state/fips-unit.php?code=f35041)

DOI Privacy Policy (<https://www.doi.gov/privacy>) | Legal ([https://www.usgs.gov/laws/policies\\_notices.html](https://www.usgs.gov/laws/policies_notices.html)) |

Accessibility (<https://www2.usgs.gov/laws/accessibility.html>) | Site Map (<https://www.usgs.gov/sitemap.html>) |

Contact USGS (<https://answers.usgs.gov/>)

U.S. Department of the Interior (<https://www.doi.gov/>) | DOI Inspector General (<https://www.doiig.gov/>) |

White House (<https://www.whitehouse.gov/>) | E-gov (<https://www.whitehouse.gov/omb/management/egov/>) |




No Fear Act (<https://www.doi.gov/pmb/eeo/no-fear-act>) | FOIA (<https://www2.usgs.gov/foia>)



# BROADSIDE 12 CTB 2

Devon Energy  
API: N/A  
Lea County, NM  
Geological Map

## Legend

-  BROADSIDE 12 CTB 2
-  Eolian and piedmont deposits
-  Ogallala Formation

BROADSIDE 12 CTB 2

128

128

128

128

128

Google Earth

Image © 2025 Airbus

Released to Imaging: 7/1/2025 7:44:01 AM



1 mi



# National Flood Hazard Layer FIRMette



103°31'25"W 32°13'48"N



0 250 500 1,000 1,500 2,000 Feet 1:6,000 103°30'48"W 32°13'18"N

### Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) <i>Zone A, V, A99</i>
		With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i>
		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 <i>Zone X</i>
		Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i>
		Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i>
		Area with Flood Risk due to Levee <i>Zone D</i>
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i>
		Effective LOMRs
		Area of Undetermined Flood Hazard <i>Zone D</i>
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 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
MAP PANELS		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
		Digital Data Available
		No Digital Data Available
		Unmapped

N

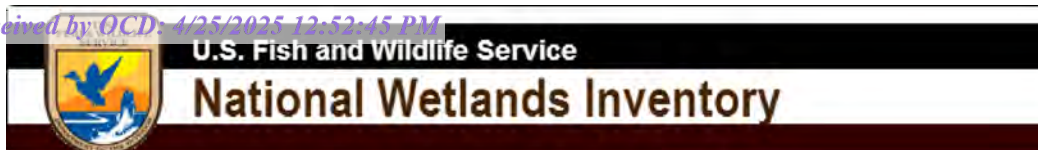
The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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 6/19/2023 at 3:43 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



May 29, 2024

**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.

# APPENDIX C

## 48-Hour Notification



Pima Environmental Services, LLC  
5614 N Lovington Hwy, Hobbs, NM 88240  
575-964-7740 | [www.pimaoil.com](http://www.pimaoil.com)

DEVON ENERGY PRODUCTION, LP.



OCD Permitting

Home

Operator Data

Action Status

Action Search Results

Action Status Item Details

[NOTIFY] Notification Of Sampling (C-141N) Application

Submission Information

Submission ID:	348565	Districts:	Hobbs
Operator:	[6137] DEVON ENERGY PRODUCTION COMPANY, LP	Counties:	Lea
Description:	DEVON ENERGY PRODUCTION COMPANY, LP [6137] , BROADSIDE 12 CTB 2 , nAPP2312824558		
Status:	APPROVED		
Status Date:	05/28/2024		
References (1):	nAPP2312824558		

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2312824558
Incident Name	NAPP2312824558 BROADSIDE 12 CTB 2 @ 0
Incident Type	Oil Release
Incident Status	Initial C-141 Approved

Location of Release Source

Site Name	BROADSIDE 12 CTB 2
Date Release Discovered	05/07/2023
Surface Owner	Private

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	1,354
What is the estimated number of samples that will be gathered	16
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/30/2024
Time sampling will commence	09:00 AM
<div>Warning: Notification can not be less than two business days prior to conducting final sampling.</div>	
Please provide any information necessary for observers to contact samplers	Andrew Franco -806-200-0054
Please provide any information necessary for navigation to sampling site	P-12-24S-33E ( 32.22580359,-103.5185014 NAD83) From the intersection of NM 128 and County Rd 21, travel south on County Rd 21 for 0.99 of a mile, turn west on Lease Rd for 0.65 of a mile, turn north onto location on the right.

Comments

No comments found for this submission.

Conditions

**Summary:**      *wdale (5/28/2024)*, Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

Reasons

No reasons found for this submission.

Go Back

# APPENDIX D

## Photographic Documentation



Pima Environmental Services, LLC  
5614 N Lovington Hwy, Hobbs, NM 88240  
575-964-7740 | [www.pimaoil.com](http://www.pimaoil.com)

DEVON ENERGY PRODUCTION, LP.





**SITE PHOTOGRAPHS**  
**DEVON ENERGY**  
**Broadside 12 CTB 2**

**Site Assessment**







# APPENDIX E

## Laboratory Results



Pima Environmental Services, LLC  
5614 N Lovington Hwy, Hobbs, NM 88240  
575-964-7740 | [www.pimaoil.com](http://www.pimaoil.com)

DEVON ENERGY PRODUCTION, LP.



Report to:  
Tom Bynum



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Broadside 12 Facility 2

Work Order: E306099

Job Number: 01058-0007

Received: 6/13/2023

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
6/19/23

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 6/19/23

Tom Bynum  
PO Box 247  
Plains, TX 79355-0247



Project Name: Broadside 12 Facility 2  
Workorder: E306099  
Date Received: 6/13/2023 7:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/13/2023 7:30:00AM, under the Project Name: Broadside 12 Facility 2.

The analytical test results summarized in this report with the Project Name: Broadside 12 Facility 2 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
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**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto: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](mailto: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](http://www.envirotech-inc.com)

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## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Broadside 12 Facility 2	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	06/19/23 08:43

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1 - 1'	E306099-01A	Soil	06/08/23	06/13/23	Glass Jar, 2 oz.
S1 - 2'	E306099-02A	Soil	06/08/23	06/13/23	Glass Jar, 2 oz.
S1 - 3'	E306099-03A	Soil	06/08/23	06/13/23	Glass Jar, 2 oz.
S1 - 4'	E306099-04A	Soil	06/08/23	06/13/23	Glass Jar, 2 oz.
S2 - 1'	E306099-05A	Soil	06/08/23	06/13/23	Glass Jar, 2 oz.
S2 - 2'	E306099-06A	Soil	06/08/23	06/13/23	Glass Jar, 2 oz.
S2 - 3'	E306099-07A	Soil	06/08/23	06/13/23	Glass Jar, 2 oz.
S2 - 4'	E306099-08A	Soil	06/08/23	06/13/23	Glass Jar, 2 oz.
S3 - 1'	E306099-09A	Soil	06/08/23	06/13/23	Glass Jar, 2 oz.
S3 - 2'	E306099-10A	Soil	06/08/23	06/13/23	Glass Jar, 2 oz.
S3 - 3'	E306099-11A	Soil	06/08/23	06/13/23	Glass Jar, 2 oz.
S3 - 4'	E306099-12A	Soil	06/08/23	06/13/23	Glass Jar, 2 oz.
S4 - 1'	E306099-13A	Soil	06/08/23	06/13/23	Glass Jar, 2 oz.
S4 - 2'	E306099-14A	Soil	06/08/23	06/13/23	Glass Jar, 2 oz.
S4 - 3'	E306099-15A	Soil	06/08/23	06/13/23	Glass Jar, 2 oz.
S4 - 4'	E306099-16A	Soil	06/08/23	06/13/23	Glass Jar, 2 oz.
SW1	E306099-17A	Soil	06/08/23	06/13/23	Glass Jar, 2 oz.
SW2	E306099-18A	Soil	06/08/23	06/13/23	Glass Jar, 2 oz.
SW3	E306099-19A	Soil	06/08/23	06/13/23	Glass Jar, 2 oz.
SW4	E306099-20A	Soil	06/08/23	06/13/23	Glass Jar, 2 oz.
SW5	E306099-21A	Soil	06/08/23	06/13/23	Glass Jar, 2 oz.
SW6	E306099-22A	Soil	06/08/23	06/13/23	Glass Jar, 2 oz.
BG1	E306099-23A	Soil	06/08/23	06/13/23	Glass Jar, 2 oz.
S5 - 1'	E306099-24A	Soil	06/08/23	06/13/23	Glass Jar, 2 oz.
S5 - 2'	E306099-25A	Soil	06/08/23	06/13/23	Glass Jar, 2 oz.
S5 - 3'	E306099-26A	Soil	06/08/23	06/13/23	Glass Jar, 2 oz.
S5 - 4'	E306099-27A	Soil	06/08/23	06/13/23	Glass Jar, 2 oz.



## Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Broadside 12 Facility 2	
PO Box 247	Project Number:	01058-0007	<b>Reported:</b>
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/19/2023 8:43:35AM

S1 - 1'

E306099-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: IY			Batch: 2324022
Benzene	ND	0.0250	1	06/13/23	06/13/23	
Ethylbenzene	ND	0.0250	1	06/13/23	06/13/23	
Toluene	ND	0.0250	1	06/13/23	06/13/23	
o-Xylene	ND	0.0250	1	06/13/23	06/13/23	
p,m-Xylene	ND	0.0500	1	06/13/23	06/13/23	
Total Xylenes	ND	0.0250	1	06/13/23	06/13/23	
Surrogate: 4-Bromochlorobenzene-PID	92.7 %	70-130		06/13/23	06/13/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY			Batch: 2324022
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/23	06/13/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.4 %	70-130		06/13/23	06/13/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM			Batch: 2324029
Diesel Range Organics (C10-C28)	40.5	25.0	1	06/14/23	06/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/14/23	06/14/23	
Surrogate: n-Nonane	92.6 %	50-200		06/14/23	06/14/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: BA			Batch: 2324036
Chloride	ND	20.0	1	06/14/23	06/15/23	





## Sample Data

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

Project Name: Broadside 12 Facility 2  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
6/19/2023 8:43:35AM

S1 - 2'

E306099-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2324022
Benzene	ND	0.0250	1	06/13/23	06/14/23	
Ethylbenzene	ND	0.0250	1	06/13/23	06/14/23	
Toluene	ND	0.0250	1	06/13/23	06/14/23	
o-Xylene	ND	0.0250	1	06/13/23	06/14/23	
p,m-Xylene	ND	0.0500	1	06/13/23	06/14/23	
Total Xylenes	ND	0.0250	1	06/13/23	06/14/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.1 %	70-130		06/13/23	06/14/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2324022
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/23	06/14/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.2 %	70-130		06/13/23	06/14/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2324029
Diesel Range Organics (C10-C28)	ND	25.0	1	06/14/23	06/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/14/23	06/14/23	
<i>Surrogate: n-Nonane</i>						
	92.9 %	50-200		06/14/23	06/14/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2324036
Chloride	47.7	20.0	1	06/14/23	06/15/23	



## Sample Data

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

Project Name: Broadside 12 Facility 2  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
6/19/2023 8:43:35AM

S1 - 3'

E306099-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2324022
Benzene	ND	0.0250	1	06/13/23	06/14/23	
Ethylbenzene	ND	0.0250	1	06/13/23	06/14/23	
Toluene	ND	0.0250	1	06/13/23	06/14/23	
o-Xylene	ND	0.0250	1	06/13/23	06/14/23	
p,m-Xylene	ND	0.0500	1	06/13/23	06/14/23	
Total Xylenes	ND	0.0250	1	06/13/23	06/14/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.0 %	70-130		06/13/23	06/14/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2324022
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/23	06/14/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.4 %	70-130		06/13/23	06/14/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2324029
Diesel Range Organics (C10-C28)	ND	25.0	1	06/14/23	06/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/14/23	06/14/23	
<i>Surrogate: n-Nonane</i>						
	94.0 %	50-200		06/14/23	06/14/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2324036
Chloride	ND	20.0	1	06/14/23	06/15/23	



## Sample Data

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

Project Name: Broadside 12 Facility 2  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
6/19/2023 8:43:35AM

S1 - 4'

E306099-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2324022
Benzene	ND	0.0250	1	06/13/23	06/14/23	
Ethylbenzene	ND	0.0250	1	06/13/23	06/14/23	
Toluene	ND	0.0250	1	06/13/23	06/14/23	
o-Xylene	ND	0.0250	1	06/13/23	06/14/23	
p,m-Xylene	ND	0.0500	1	06/13/23	06/14/23	
Total Xylenes	ND	0.0250	1	06/13/23	06/14/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.8 %	70-130		06/13/23	06/14/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2324022
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/23	06/14/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.7 %	70-130		06/13/23	06/14/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2324029
Diesel Range Organics (C10-C28)	ND	25.0	1	06/14/23	06/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/14/23	06/14/23	
<i>Surrogate: n-Nonane</i>						
	93.9 %	50-200		06/14/23	06/14/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2324036
Chloride	ND	20.0	1	06/14/23	06/15/23	





## Sample Data

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

Project Name: Broadside 12 Facility 2  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
6/19/2023 8:43:35AM

S2 - 1'

E306099-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2324022
Benzene	ND	0.0250	1	06/13/23	06/14/23	
Ethylbenzene	ND	0.0250	1	06/13/23	06/14/23	
Toluene	ND	0.0250	1	06/13/23	06/14/23	
o-Xylene	ND	0.0250	1	06/13/23	06/14/23	
p,m-Xylene	ND	0.0500	1	06/13/23	06/14/23	
Total Xylenes	ND	0.0250	1	06/13/23	06/14/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.6 %	70-130		06/13/23	06/14/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2324022
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/23	06/14/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.7 %	70-130		06/13/23	06/14/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2324029
Diesel Range Organics (C10-C28)	ND	25.0	1	06/14/23	06/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/14/23	06/14/23	
<i>Surrogate: n-Nonane</i>						
	95.8 %	50-200		06/14/23	06/14/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2324036
Chloride	ND	20.0	1	06/14/23	06/15/23	



## Sample Data

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

Project Name: Broadside 12 Facility 2  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
6/19/2023 8:43:35AM

S2 - 2'

E306099-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2324022
Benzene	ND	0.0250	1	06/13/23	06/14/23	
Ethylbenzene	ND	0.0250	1	06/13/23	06/14/23	
Toluene	ND	0.0250	1	06/13/23	06/14/23	
o-Xylene	ND	0.0250	1	06/13/23	06/14/23	
p,m-Xylene	ND	0.0500	1	06/13/23	06/14/23	
Total Xylenes	ND	0.0250	1	06/13/23	06/14/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.5 %	70-130		06/13/23	06/14/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2324022
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/23	06/14/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.1 %	70-130		06/13/23	06/14/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2324029
Diesel Range Organics (C10-C28)	ND	25.0	1	06/14/23	06/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/14/23	06/14/23	
<i>Surrogate: n-Nonane</i>						
	91.7 %	50-200		06/14/23	06/14/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2324036
Chloride	ND	20.0	1	06/14/23	06/15/23	



## Sample Data

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

Project Name: Broadside 12 Facility 2  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
6/19/2023 8:43:35AM

S2 - 3'

E306099-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2324022
Benzene	ND	0.0250	1	06/13/23	06/14/23	
Ethylbenzene	ND	0.0250	1	06/13/23	06/14/23	
Toluene	ND	0.0250	1	06/13/23	06/14/23	
o-Xylene	ND	0.0250	1	06/13/23	06/14/23	
p,m-Xylene	ND	0.0500	1	06/13/23	06/14/23	
Total Xylenes	ND	0.0250	1	06/13/23	06/14/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.8 %	70-130		06/13/23	06/14/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2324022
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/23	06/14/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.2 %	70-130		06/13/23	06/14/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2324029
Diesel Range Organics (C10-C28)	ND	25.0	1	06/14/23	06/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/14/23	06/14/23	
<i>Surrogate: n-Nonane</i>						
	93.0 %	50-200		06/14/23	06/14/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2324036
Chloride	ND	20.0	1	06/14/23	06/15/23	





## Sample Data

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

Project Name: Broadside 12 Facility 2  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
6/19/2023 8:43:35AM

S2 - 4'

E306099-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2324022
Benzene	ND	0.0250	1	06/13/23	06/14/23	
Ethylbenzene	ND	0.0250	1	06/13/23	06/14/23	
Toluene	ND	0.0250	1	06/13/23	06/14/23	
o-Xylene	ND	0.0250	1	06/13/23	06/14/23	
p,m-Xylene	ND	0.0500	1	06/13/23	06/14/23	
Total Xylenes	ND	0.0250	1	06/13/23	06/14/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.0 %	70-130		06/13/23	06/14/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2324022
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/23	06/14/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.7 %	70-130		06/13/23	06/14/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2324029
Diesel Range Organics (C10-C28)	ND	25.0	1	06/14/23	06/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/14/23	06/14/23	
<i>Surrogate: n-Nonane</i>						
	94.4 %	50-200		06/14/23	06/14/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2324036
Chloride	ND	20.0	1	06/14/23	06/15/23	



## Sample Data

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

Project Name: Broadside 12 Facility 2  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
6/19/2023 8:43:35AM

S3 - 1'

E306099-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2324022
Benzene	ND	0.0250	1	06/13/23	06/14/23	
Ethylbenzene	ND	0.0250	1	06/13/23	06/14/23	
Toluene	ND	0.0250	1	06/13/23	06/14/23	
o-Xylene	ND	0.0250	1	06/13/23	06/14/23	
p,m-Xylene	ND	0.0500	1	06/13/23	06/14/23	
Total Xylenes	ND	0.0250	1	06/13/23	06/14/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.3 %	70-130		06/13/23	06/14/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2324022
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/23	06/14/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.4 %	70-130		06/13/23	06/14/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2324029
Diesel Range Organics (C10-C28)	ND	25.0	1	06/14/23	06/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/14/23	06/15/23	
<i>Surrogate: n-Nonane</i>						
	90.0 %	50-200		06/14/23	06/15/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2324036
Chloride	ND	20.0	1	06/14/23	06/15/23	



## Sample Data

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

Project Name: Broadside 12 Facility 2  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
6/19/2023 8:43:35AM

S3 - 2'

E306099-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2324022
Benzene	ND	0.0250	1	06/13/23	06/14/23	
Ethylbenzene	ND	0.0250	1	06/13/23	06/14/23	
Toluene	ND	0.0250	1	06/13/23	06/14/23	
o-Xylene	ND	0.0250	1	06/13/23	06/14/23	
p,m-Xylene	ND	0.0500	1	06/13/23	06/14/23	
Total Xylenes	ND	0.0250	1	06/13/23	06/14/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.4 %	70-130		06/13/23	06/14/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2324022
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/23	06/14/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.2 %	70-130		06/13/23	06/14/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2324029
Diesel Range Organics (C10-C28)	ND	25.0	1	06/14/23	06/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/14/23	06/15/23	
<i>Surrogate: n-Nonane</i>						
	93.5 %	50-200		06/14/23	06/15/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2324036
Chloride	ND	20.0	1	06/14/23	06/15/23	





## Sample Data

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

Project Name: Broadside 12 Facility 2  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
6/19/2023 8:43:35AM

S3 - 3'

E306099-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2324022
Benzene	ND	0.0250	1	06/13/23	06/13/23	
Ethylbenzene	ND	0.0250	1	06/13/23	06/13/23	
Toluene	ND	0.0250	1	06/13/23	06/13/23	
o-Xylene	ND	0.0250	1	06/13/23	06/13/23	
p,m-Xylene	ND	0.0500	1	06/13/23	06/13/23	
Total Xylenes	ND	0.0250	1	06/13/23	06/13/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.5 %	70-130		06/13/23	06/13/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2324022
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/23	06/13/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.9 %	70-130		06/13/23	06/13/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2324029
Diesel Range Organics (C10-C28)	ND	25.0	1	06/14/23	06/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/14/23	06/15/23	
<i>Surrogate: n-Nonane</i>						
	96.3 %	50-200		06/14/23	06/15/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2324036
Chloride	ND	20.0	1	06/14/23	06/15/23	



## Sample Data

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

Project Name: Broadside 12 Facility 2  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
6/19/2023 8:43:35AM

S3 - 4'

E306099-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2324022
Benzene	ND	0.0250	1	06/13/23	06/14/23	
Ethylbenzene	ND	0.0250	1	06/13/23	06/14/23	
Toluene	ND	0.0250	1	06/13/23	06/14/23	
o-Xylene	ND	0.0250	1	06/13/23	06/14/23	
p,m-Xylene	ND	0.0500	1	06/13/23	06/14/23	
Total Xylenes	ND	0.0250	1	06/13/23	06/14/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.9 %	70-130		06/13/23	06/14/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2324022
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/23	06/14/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.5 %	70-130		06/13/23	06/14/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2324029
Diesel Range Organics (C10-C28)	ND	25.0	1	06/14/23	06/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/14/23	06/15/23	
<i>Surrogate: n-Nonane</i>						
	95.6 %	50-200		06/14/23	06/15/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2324036
Chloride	ND	20.0	1	06/14/23	06/15/23	



## Sample Data

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

Project Name: Broadside 12 Facility 2  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
6/19/2023 8:43:35AM

S4 - 1'

E306099-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2324022
Benzene	ND	0.0250	1	06/13/23	06/14/23	
Ethylbenzene	ND	0.0250	1	06/13/23	06/14/23	
Toluene	ND	0.0250	1	06/13/23	06/14/23	
o-Xylene	ND	0.0250	1	06/13/23	06/14/23	
p,m-Xylene	ND	0.0500	1	06/13/23	06/14/23	
Total Xylenes	ND	0.0250	1	06/13/23	06/14/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.1 %	70-130		06/13/23	06/14/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2324022
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/23	06/14/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.7 %	70-130		06/13/23	06/14/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2324029
Diesel Range Organics (C10-C28)	ND	25.0	1	06/14/23	06/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/14/23	06/15/23	
<i>Surrogate: n-Nonane</i>						
	87.4 %	50-200		06/14/23	06/15/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2324036
Chloride	ND	20.0	1	06/14/23	06/15/23	





## Sample Data

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

Project Name: Broadside 12 Facility 2  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
6/19/2023 8:43:35AM

S4 - 2'

E306099-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2324022
Benzene	ND	0.0250	1	06/13/23	06/14/23	
Ethylbenzene	ND	0.0250	1	06/13/23	06/14/23	
Toluene	ND	0.0250	1	06/13/23	06/14/23	
o-Xylene	ND	0.0250	1	06/13/23	06/14/23	
p,m-Xylene	ND	0.0500	1	06/13/23	06/14/23	
Total Xylenes	ND	0.0250	1	06/13/23	06/14/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.6 %	70-130		06/13/23	06/14/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2324022
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/23	06/14/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.6 %	70-130		06/13/23	06/14/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2324029
Diesel Range Organics (C10-C28)	ND	25.0	1	06/14/23	06/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/14/23	06/15/23	
<i>Surrogate: n-Nonane</i>						
	94.7 %	50-200		06/14/23	06/15/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2324036
Chloride	ND	20.0	1	06/14/23	06/15/23	



## Sample Data

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

Project Name: Broadside 12 Facility 2  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
6/19/2023 8:43:35AM

S4 - 3'

E306099-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2324022
Benzene	ND	0.0250	1	06/13/23	06/14/23	
Ethylbenzene	ND	0.0250	1	06/13/23	06/14/23	
Toluene	ND	0.0250	1	06/13/23	06/14/23	
o-Xylene	ND	0.0250	1	06/13/23	06/14/23	
p,m-Xylene	ND	0.0500	1	06/13/23	06/14/23	
Total Xylenes	ND	0.0250	1	06/13/23	06/14/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.3 %	70-130		06/13/23	06/14/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2324022
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/23	06/14/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.6 %	70-130		06/13/23	06/14/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2324029
Diesel Range Organics (C10-C28)	ND	25.0	1	06/14/23	06/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/14/23	06/15/23	
<i>Surrogate: n-Nonane</i>						
	93.0 %	50-200		06/14/23	06/15/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2324036
Chloride	ND	20.0	1	06/14/23	06/15/23	



## Sample Data

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

Project Name: Broadside 12 Facility 2  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
6/19/2023 8:43:35AM

S4 - 4'

E306099-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2324022
Benzene	ND	0.0250	1	06/13/23	06/14/23	
Ethylbenzene	ND	0.0250	1	06/13/23	06/14/23	
Toluene	ND	0.0250	1	06/13/23	06/14/23	
o-Xylene	ND	0.0250	1	06/13/23	06/14/23	
p,m-Xylene	ND	0.0500	1	06/13/23	06/14/23	
Total Xylenes	ND	0.0250	1	06/13/23	06/14/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.8 %	70-130		06/13/23	06/14/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2324022
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/23	06/14/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.9 %	70-130		06/13/23	06/14/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2324029
Diesel Range Organics (C10-C28)	ND	25.0	1	06/14/23	06/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/14/23	06/15/23	
<i>Surrogate: n-Nonane</i>						
	95.6 %	50-200		06/14/23	06/15/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2324036
Chloride	ND	20.0	1	06/14/23	06/15/23	



## Sample Data

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

Project Name: Broadside 12 Facility 2  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
6/19/2023 8:43:35AM

## SW1

## E306099-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2324022
Benzene	ND	0.0250	1	06/13/23	06/14/23	
Ethylbenzene	ND	0.0250	1	06/13/23	06/14/23	
Toluene	ND	0.0250	1	06/13/23	06/14/23	
o-Xylene	ND	0.0250	1	06/13/23	06/14/23	
p,m-Xylene	ND	0.0500	1	06/13/23	06/14/23	
Total Xylenes	ND	0.0250	1	06/13/23	06/14/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.6 %	70-130		06/13/23	06/14/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2324022
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/23	06/14/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.6 %	70-130		06/13/23	06/14/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2324029
Diesel Range Organics (C10-C28)	ND	25.0	1	06/14/23	06/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/14/23	06/15/23	
<i>Surrogate: n-Nonane</i>						
	94.7 %	50-200		06/14/23	06/15/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2324036
Chloride	ND	20.0	1	06/14/23	06/15/23	





## Sample Data

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

Project Name: Broadside 12 Facility 2  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
6/19/2023 8:43:35AM

## SW2

## E306099-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2324022
Benzene	ND	0.0250	1	06/13/23	06/14/23	
Ethylbenzene	ND	0.0250	1	06/13/23	06/14/23	
Toluene	ND	0.0250	1	06/13/23	06/14/23	
o-Xylene	ND	0.0250	1	06/13/23	06/14/23	
p,m-Xylene	ND	0.0500	1	06/13/23	06/14/23	
Total Xylenes	ND	0.0250	1	06/13/23	06/14/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.9 %	70-130		06/13/23	06/14/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2324022
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/23	06/14/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.8 %	70-130		06/13/23	06/14/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2324029
Diesel Range Organics (C10-C28)	ND	25.0	1	06/14/23	06/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/14/23	06/15/23	
<i>Surrogate: n-Nonane</i>						
	97.2 %	50-200		06/14/23	06/15/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2324036
Chloride	ND	20.0	1	06/14/23	06/15/23	



## Sample Data

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

Project Name: Broadside 12 Facility 2  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
6/19/2023 8:43:35AM

## SW3

## E306099-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2324022
Benzene	ND	0.0250	1	06/13/23	06/14/23	
Ethylbenzene	ND	0.0250	1	06/13/23	06/14/23	
Toluene	ND	0.0250	1	06/13/23	06/14/23	
o-Xylene	ND	0.0250	1	06/13/23	06/14/23	
p,m-Xylene	ND	0.0500	1	06/13/23	06/14/23	
Total Xylenes	ND	0.0250	1	06/13/23	06/14/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.1 %	70-130		06/13/23	06/14/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2324022
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/23	06/14/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.6 %	70-130		06/13/23	06/14/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2324029
Diesel Range Organics (C10-C28)	ND	25.0	1	06/14/23	06/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/14/23	06/15/23	
<i>Surrogate: n-Nonane</i>						
	95.3 %	50-200		06/14/23	06/15/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2324036
Chloride	ND	20.0	1	06/14/23	06/15/23	



## Sample Data

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

Project Name: Broadside 12 Facility 2  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
6/19/2023 8:43:35AM

## SW4

## E306099-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2324022
Benzene	ND	0.0250	1	06/13/23	06/14/23	
Ethylbenzene	ND	0.0250	1	06/13/23	06/14/23	
Toluene	ND	0.0250	1	06/13/23	06/14/23	
o-Xylene	ND	0.0250	1	06/13/23	06/14/23	
p,m-Xylene	ND	0.0500	1	06/13/23	06/14/23	
Total Xylenes	ND	0.0250	1	06/13/23	06/14/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.4 %	70-130		06/13/23	06/14/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2324022
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/23	06/14/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.9 %	70-130		06/13/23	06/14/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2324029
Diesel Range Organics (C10-C28)	ND	25.0	1	06/14/23	06/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/14/23	06/15/23	
<i>Surrogate: n-Nonane</i>						
	95.9 %	50-200		06/14/23	06/15/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2324036
Chloride	ND	20.0	1	06/14/23	06/15/23	



## Sample Data

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

Project Name: Broadside 12 Facility 2  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
6/19/2023 8:43:35AM

## SW5

## E306099-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2324018
Benzene	ND	0.0250	1	06/13/23	06/14/23	
Ethylbenzene	ND	0.0250	1	06/13/23	06/14/23	
Toluene	ND	0.0250	1	06/13/23	06/14/23	
o-Xylene	ND	0.0250	1	06/13/23	06/14/23	
p,m-Xylene	ND	0.0500	1	06/13/23	06/14/23	
Total Xylenes	ND	0.0250	1	06/13/23	06/14/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.1 %	70-130		06/13/23	06/14/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2324018
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/23	06/14/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.5 %	70-130		06/13/23	06/14/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2324031
Diesel Range Organics (C10-C28)	ND	25.0	1	06/14/23	06/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/14/23	06/14/23	
<i>Surrogate: n-Nonane</i>						
	81.3 %	50-200		06/14/23	06/14/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2324034
Chloride	ND	20.0	1	06/14/23	06/15/23	





## Sample Data

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

Project Name: Broadside 12 Facility 2  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
6/19/2023 8:43:35AM

## SW6

## E306099-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2324018
Benzene	ND	0.0250	1	06/13/23	06/14/23	
Ethylbenzene	ND	0.0250	1	06/13/23	06/14/23	
Toluene	ND	0.0250	1	06/13/23	06/14/23	
o-Xylene	ND	0.0250	1	06/13/23	06/14/23	
p,m-Xylene	ND	0.0500	1	06/13/23	06/14/23	
Total Xylenes	ND	0.0250	1	06/13/23	06/14/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.0 %	70-130		06/13/23	06/14/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2324018
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/23	06/14/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.6 %	70-130		06/13/23	06/14/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2324031
Diesel Range Organics (C10-C28)	ND	25.0	1	06/14/23	06/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/14/23	06/14/23	
<i>Surrogate: n-Nonane</i>						
	79.5 %	50-200		06/14/23	06/14/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2324034
Chloride	ND	20.0	1	06/14/23	06/15/23	



## Sample Data

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

Project Name: Broadside 12 Facility 2  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
6/19/2023 8:43:35AM

## BG1

## E306099-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2324018
Benzene	ND	0.0250	1	06/13/23	06/14/23	
Ethylbenzene	ND	0.0250	1	06/13/23	06/14/23	
Toluene	ND	0.0250	1	06/13/23	06/14/23	
o-Xylene	ND	0.0250	1	06/13/23	06/14/23	
p,m-Xylene	ND	0.0500	1	06/13/23	06/14/23	
Total Xylenes	ND	0.0250	1	06/13/23	06/14/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.7 %	70-130		06/13/23	06/14/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2324018
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/23	06/14/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.1 %	70-130		06/13/23	06/14/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2324031
Diesel Range Organics (C10-C28)	ND	25.0	1	06/14/23	06/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/14/23	06/14/23	
<i>Surrogate: n-Nonane</i>						
	84.9 %	50-200		06/14/23	06/14/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2324034
Chloride	ND	20.0	1	06/14/23	06/15/23	



## Sample Data

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

Project Name: Broadside 12 Facility 2  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
6/19/2023 8:43:35AM

S5 - 1'

E306099-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2324018
Benzene	ND	0.0250	1	06/13/23	06/14/23	
Ethylbenzene	ND	0.0250	1	06/13/23	06/14/23	
Toluene	ND	0.0250	1	06/13/23	06/14/23	
o-Xylene	ND	0.0250	1	06/13/23	06/14/23	
p,m-Xylene	ND	0.0500	1	06/13/23	06/14/23	
Total Xylenes	ND	0.0250	1	06/13/23	06/14/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.6 %	70-130		06/13/23	06/14/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2324018
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/23	06/14/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.2 %	70-130		06/13/23	06/14/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2324031
Diesel Range Organics (C10-C28)	ND	25.0	1	06/14/23	06/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/14/23	06/14/23	
<i>Surrogate: n-Nonane</i>						
	59.2 %	50-200		06/14/23	06/14/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2324034
Chloride	ND	20.0	1	06/14/23	06/15/23	



## Sample Data

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

Project Name: Broadside 12 Facility 2  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
6/19/2023 8:43:35AM

S5 - 2'

E306099-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2324018
Benzene	ND	0.0250	1	06/13/23	06/14/23	
Ethylbenzene	ND	0.0250	1	06/13/23	06/14/23	
Toluene	ND	0.0250	1	06/13/23	06/14/23	
o-Xylene	ND	0.0250	1	06/13/23	06/14/23	
p,m-Xylene	ND	0.0500	1	06/13/23	06/14/23	
Total Xylenes	ND	0.0250	1	06/13/23	06/14/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.8 %	70-130		06/13/23	06/14/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2324018
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/23	06/14/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.4 %	70-130		06/13/23	06/14/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2324031
Diesel Range Organics (C10-C28)	ND	25.0	1	06/14/23	06/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/14/23	06/14/23	
<i>Surrogate: n-Nonane</i>						
	77.8 %	50-200		06/14/23	06/14/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2324034
Chloride	ND	20.0	1	06/14/23	06/15/23	





## Sample Data

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

Project Name: Broadside 12 Facility 2  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
6/19/2023 8:43:35AM

S5 - 3'

E306099-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2324018
Benzene	ND	0.0250	1	06/13/23	06/14/23	
Ethylbenzene	ND	0.0250	1	06/13/23	06/14/23	
Toluene	ND	0.0250	1	06/13/23	06/14/23	
o-Xylene	ND	0.0250	1	06/13/23	06/14/23	
p,m-Xylene	ND	0.0500	1	06/13/23	06/14/23	
Total Xylenes	ND	0.0250	1	06/13/23	06/14/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.0 %	70-130		06/13/23	06/14/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2324018
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/23	06/14/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.0 %	70-130		06/13/23	06/14/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2324031
Diesel Range Organics (C10-C28)	ND	25.0	1	06/14/23	06/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/14/23	06/14/23	
<i>Surrogate: n-Nonane</i>						
	86.1 %	50-200		06/14/23	06/14/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2324034
Chloride	ND	20.0	1	06/14/23	06/15/23	



## Sample Data

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

Project Name: Broadside 12 Facility 2  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
6/19/2023 8:43:35AM

S5 - 4'

E306099-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2324018
Benzene	ND	0.0250	1	06/13/23	06/14/23	
Ethylbenzene	ND	0.0250	1	06/13/23	06/14/23	
Toluene	ND	0.0250	1	06/13/23	06/14/23	
o-Xylene	ND	0.0250	1	06/13/23	06/14/23	
p,m-Xylene	ND	0.0500	1	06/13/23	06/14/23	
Total Xylenes	ND	0.0250	1	06/13/23	06/14/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.1 %	70-130		06/13/23	06/14/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2324018
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/13/23	06/14/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.1 %	70-130		06/13/23	06/14/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2324031
Diesel Range Organics (C10-C28)	ND	25.0	1	06/14/23	06/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/14/23	06/14/23	
<i>Surrogate: n-Nonane</i>						
	85.3 %	50-200		06/14/23	06/14/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2324034
Chloride	ND	20.0	1	06/14/23	06/15/23	



## QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Broadside 12 Facility 2	<b>Reported:</b>
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/19/2023 8:43:35AM

## 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 (2324018-BLK1)

Prepared: 06/13/23 Analyzed: 06/13/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.66		8.00		95.7	70-130			

## LCS (2324018-BS1)

Prepared: 06/13/23 Analyzed: 06/13/23

Benzene	4.42	0.0250	5.00		88.4	70-130			
Ethylbenzene	4.33	0.0250	5.00		86.6	70-130			
Toluene	4.55	0.0250	5.00		91.0	70-130			
o-Xylene	4.58	0.0250	5.00		91.5	70-130			
p,m-Xylene	8.98	0.0500	10.0		89.8	70-130			
Total Xylenes	13.6	0.0250	15.0		90.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.89		8.00		98.7	70-130			

## Matrix Spike (2324018-MS1)

Source: E306097-02

Prepared: 06/13/23 Analyzed: 06/13/23

Benzene	4.75	0.0250	5.00	ND	95.1	54-133			
Ethylbenzene	4.66	0.0250	5.00	ND	93.2	61-133			
Toluene	4.90	0.0250	5.00	ND	97.9	61-130			
o-Xylene	4.90	0.0250	5.00	ND	98.1	63-131			
p,m-Xylene	9.65	0.0500	10.0	ND	96.5	63-131			
Total Xylenes	14.6	0.0250	15.0	ND	97.0	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.96		8.00		99.6	70-130			

## Matrix Spike Dup (2324018-MSD1)

Source: E306097-02

Prepared: 06/13/23 Analyzed: 06/13/23

Benzene	4.67	0.0250	5.00	ND	93.3	54-133	1.87	20	
Ethylbenzene	4.56	0.0250	5.00	ND	91.2	61-133	2.12	20	
Toluene	4.80	0.0250	5.00	ND	96.1	61-130	1.91	20	
o-Xylene	4.82	0.0250	5.00	ND	96.3	63-131	1.80	20	
p,m-Xylene	9.44	0.0500	10.0	ND	94.4	63-131	2.20	20	
Total Xylenes	14.3	0.0250	15.0	ND	95.0	63-131	2.07	20	
Surrogate: 4-Bromochlorobenzene-PID	7.98		8.00		99.8	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Broadside 12 Facility 2	Reported:  6/19/2023 8:43:35AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

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 (2324022-BLK1) Prepared: 06/13/23 Analyzed: 06/13/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.49		8.00		93.6	70-130			

LCS (2324022-BS1) Prepared: 06/13/23 Analyzed: 06/13/23

Benzene	4.67	0.0250	5.00		93.4	70-130			
Ethylbenzene	4.64	0.0250	5.00		92.9	70-130			
Toluene	4.79	0.0250	5.00		95.8	70-130			
o-Xylene	4.76	0.0250	5.00		95.2	70-130			
p,m-Xylene	9.45	0.0500	10.0		94.5	70-130			
Total Xylenes	14.2	0.0250	15.0		94.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.48		8.00		93.5	70-130			

Matrix Spike (2324022-MS1) Source: E306099-11 Prepared: 06/13/23 Analyzed: 06/13/23

Benzene	5.06	0.0250	5.00	ND	101	54-133			
Ethylbenzene	5.01	0.0250	5.00	ND	100	61-133			
Toluene	5.18	0.0250	5.00	ND	104	61-130			
o-Xylene	5.13	0.0250	5.00	ND	103	63-131			
p,m-Xylene	10.2	0.0500	10.0	ND	102	63-131			
Total Xylenes	15.3	0.0250	15.0	ND	102	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.46		8.00		93.3	70-130			

Matrix Spike Dup (2324022-MSD1) Source: E306099-11 Prepared: 06/13/23 Analyzed: 06/13/23

Benzene	4.92	0.0250	5.00	ND	98.4	54-133	2.73	20	
Ethylbenzene	4.87	0.0250	5.00	ND	97.5	61-133	2.73	20	
Toluene	5.04	0.0250	5.00	ND	101	61-130	2.75	20	
o-Xylene	4.98	0.0250	5.00	ND	99.7	63-131	2.95	20	
p,m-Xylene	9.88	0.0500	10.0	ND	98.8	63-131	2.90	20	
Total Xylenes	14.9	0.0250	15.0	ND	99.1	63-131	2.91	20	
Surrogate: 4-Bromochlorobenzene-PID	7.43		8.00		92.9	70-130			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Broadside 12 Facility 2	Reported:  6/19/2023 8:43:35AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

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 (2324018-BLK1)					Prepared: 06/13/23 Analyzed: 06/13/23				
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.46		8.00		93.2	70-130			

LCS (2324018-BS2)					Prepared: 06/13/23 Analyzed: 06/13/23				
Gasoline Range Organics (C6-C10)	51.1	20.0	50.0		102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.42		8.00		92.8	70-130			

Matrix Spike (2324018-MS2)					Source: E306097-02		Prepared: 06/13/23 Analyzed: 06/13/23		
Gasoline Range Organics (C6-C10)	51.8	20.0	50.0	ND	104	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.46		8.00		93.3	70-130			

Matrix Spike Dup (2324018-MSD2)					Source: E306097-02		Prepared: 06/13/23 Analyzed: 06/13/23		
Gasoline Range Organics (C6-C10)	47.4	20.0	50.0	ND	94.8	70-130	8.96	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.33		8.00		91.7	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Broadside 12 Facility 2	Reported:  6/19/2023 8:43:35AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

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 (2324022-BLK1)					Prepared: 06/13/23 Analyzed: 06/13/23				
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.40		8.00		92.5	70-130			

LCS (2324022-BS2)					Prepared: 06/13/23 Analyzed: 06/13/23				
Gasoline Range Organics (C6-C10)	46.4	20.0	50.0		92.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.59		8.00		94.9	70-130			

Matrix Spike (2324022-MS2)					Source: E306099-11		Prepared: 06/13/23 Analyzed: 06/13/23		
Gasoline Range Organics (C6-C10)	47.4	20.0	50.0	ND	94.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.67		8.00		95.9	70-130			

Matrix Spike Dup (2324022-MSD2)					Source: E306099-11		Prepared: 06/13/23 Analyzed: 06/13/23		
Gasoline Range Organics (C6-C10)	50.7	20.0	50.0	ND	101	70-130	6.75	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.46		8.00		93.2	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Broadside 12 Facility 2	Reported:  6/19/2023 8:43:35AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

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 (2324029-BLK1)					Prepared: 06/14/23 Analyzed: 06/14/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.8		50.0		104	50-200			

LCS (2324029-BS1)					Prepared: 06/14/23 Analyzed: 06/14/23				
Diesel Range Organics (C10-C28)	241	25.0	250		96.6	38-132			
Surrogate: n-Nonane	45.6		50.0		91.2	50-200			

Matrix Spike (2324029-MS1)					Source: E306099-17		Prepared: 06/14/23 Analyzed: 06/14/23		
Diesel Range Organics (C10-C28)	247	25.0	250	ND	98.7	38-132			
Surrogate: n-Nonane	46.7		50.0		93.4	50-200			

Matrix Spike Dup (2324029-MSD1)					Source: E306099-17		Prepared: 06/14/23 Analyzed: 06/14/23		
Diesel Range Organics (C10-C28)	249	25.0	250	ND	99.5	38-132	0.822	20	
Surrogate: n-Nonane	45.0		50.0		89.9	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Broadside 12 Facility 2	Reported:  6/19/2023 8:43:35AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2324031-BLK1)					Prepared: 06/14/23 Analyzed: 06/14/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	34.5		50.0		69.1	50-200			

LCS (2324031-BS1)					Prepared: 06/14/23 Analyzed: 06/14/23				
Diesel Range Organics (C10-C28)	246	25.0	250		98.5	38-132			
Surrogate: n-Nonane	39.9		50.0		79.7	50-200			

Matrix Spike (2324031-MS1)					Source: E306103-01		Prepared: 06/14/23 Analyzed: 06/14/23		
Diesel Range Organics (C10-C28)	232	25.0	250	ND	93.0	38-132			
Surrogate: n-Nonane	34.2		50.0		68.4	50-200			

Matrix Spike Dup (2324031-MSD1)					Source: E306103-01		Prepared: 06/14/23 Analyzed: 06/14/23		
Diesel Range Organics (C10-C28)	232	25.0	250	ND	92.9	38-132	0.0430	20	
Surrogate: n-Nonane	36.9		50.0		73.8	50-200			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Broadside 12 Facility 2	Reported:  6/19/2023 8:43:35AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2324034-BLK1)				Prepared: 06/14/23 Analyzed: 06/15/23					
Chloride	ND	20.0							
LCS (2324034-BS1)				Prepared: 06/14/23 Analyzed: 06/15/23					
Chloride	247	20.0	250		98.7	90-110			
Matrix Spike (2324034-MS1)				Source: E306097-01		Prepared: 06/14/23 Analyzed: 06/15/23			
Chloride	3680	40.0	250	3580	40.4	80-120			M2
Matrix Spike Dup (2324034-MSD1)				Source: E306097-01		Prepared: 06/14/23 Analyzed: 06/15/23			
Chloride	3800	40.0	250	3580	84.8	80-120	2.96	20	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Broadside 12 Facility 2	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/19/2023 8:43:35AM

Anions by EPA 300.0/9056A

Analyst: BA

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

Blank (2324036-BLK1)					Prepared: 06/14/23 Analyzed: 06/15/23				
Chloride	ND	20.0							
LCS (2324036-BS1)					Prepared: 06/14/23 Analyzed: 06/15/23				
Chloride	260	20.0	250		104	90-110			
Matrix Spike (2324036-MS1)					Source: E306099-01		Prepared: 06/14/23 Analyzed: 06/15/23		
Chloride	270	20.0	250	ND	108	80-120			
Matrix Spike Dup (2324036-MSD1)					Source: E306099-01		Prepared: 06/14/23 Analyzed: 06/15/23		
Chloride	271	20.0	250	ND	108	80-120	0.231	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:	Broadside 12 Facility 2	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	06/19/23 08:43

- M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

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

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

## Project Information

## Chain of Custody

Page 1 of 3

Client: Pima Environmental Services Project: <u>Broadside 12 Facility 2</u> Project Manager: Tom Bynum Address: 5614 N. Lovington Hwy. City, State, Zip: <u>Hobbs, NM, 88240</u> Phone: 580-748-1613 Email: <u>tom@pimaoil.com</u> Report due by:					Bill To Attention: <u>Devon</u> Address: City, State, Zip: Phone: Email: Pima Project # <u>291-2</u>					Lab Use Only Lab WO# <u>E306099</u> Job Number <u>01058-0007</u> Analysis and Method DRO/DRO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8250 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX					TAT 1D 2D 3D Standard X				EPA Program CWA SDWA RCRA	
Time Sampled Date Sampled Matrix No. of Containers Sample ID Lab Number					State NM CO UT AZ TX X										Remarks					
8:00 6/8 S 1 S1-1' 1																				
8:05 1 1 S1-2' 2																				
8:10 1 1 S1-3' 3																				
8:15 1 1 S1-4' 4																				
8:20 1 1 S2-1' 5																				
8:25 1 1 S2-2' 6																				
8:30 1 1 S2-3' 7																				
8:35 1 1 S2-4' 8																				
8:40 1 1 S3-1' 9																				
8:45 1 1 S3-2' 10																				
Additional Instructions: <u>Billing # 21164832</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 Received on ice: <u>Y</u> / N												
<u>Karime Adams</u>		<u>6/12/23</u>	<u>230</u>	<u>Michelle Gump</u>		<u>6-12-23</u>	<u>1430</u>													
<u>Michelle Gump</u>		<u>6-12-23</u>	<u>1700</u>	<u>Mark Mess</u>		<u>6-12-23</u>	<u>1730</u>													
<u>Mark Mess</u>		<u>6-12-23</u>	<u>2300</u>	<u>Cathy Mann</u>		<u>6/13/23</u>	<u>7:30</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.																				



## Project Information

## Chain of Custody

Page 2 of 3

Client: <u>Pima Environmental Services</u>	Bill To	Lab Use Only	TAT				EPA Program		
Project: <u>Broadside 12 Facility 2</u>	Attention: <u>Devon</u>	Lab WO# <u>E.306099</u>	Job Number <u>01058-0007</u>	1D	2D	3D	Standard	CWA	SDWA
Project Manager: <u>Tom Bynum</u>	Address:	Analysis and Method				RCRA			
Address: <u>5614 N. Lovington Hwy.</u>	City, State, Zip	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	NM	TX
City, State, Zip <u>Hobbs, NM, 88240</u>	Phone:					State			
Phone: <u>580-748-1613</u>	Email:					NM CO UT AZ TX			
Email: <u>tom@pimaoil.com</u>	Pima Project # <u>291-2</u>					Remarks			
Report due by:									

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	NM	TX	Remarks
8:50	6/8	S	1	S3-3'	11							X		
9:00				S3-4'	12									
9:05				S4-1'	13									
9:10				S4-2'	14									
9:15				S4-3'	15									
9:20				S4-4'	16									
9:25				SW 1	17									
9:30				SW 2	18									
9:35				SW 3	19									
9:40				SW 4	20									

## Additional Instructions:

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:

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>Ken F. McAdams</u>	Date <u>6/8/23</u>	Time <u>2:30</u>	Received by: (Signature) <u>Michelle Cangel</u>	Date <u>6-12-23</u>	Time <u>1:430</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 Cangel</u>	Date <u>6-12-23</u>	Time <u>1:30</u>	Received by: (Signature) <u>Andrew Messo</u>	Date <u>6-12-23</u>	Time <u>1:30</u>	
Relinquished by: (Signature) <u>Andrew Messo</u>	Date <u>6-12-23</u>	Time <u>2:30</u>	Received by: (Signature) <u>Caith Mow</u>	Date <u>6/13/23</u>	Time <u>7:30</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.



## Project Information

## Chain of Custody

Page 3 of 3

Client: Pima Environmental Services		Bill To		Lab Use Only		TAT		EPA Program					
Project: <u>Broadside 12 Facility 2</u>		Attention: <u>Devon</u>		Lab WO# <u>E 306099</u>		Job Number <u>01058 0007</u>		1D	2D	3D	Standard	CWA	SDWA
Project Manager: <u>Tom Bynum</u>		Address:									X		
Address: <u>5614 N. Lovington Hwy.</u>		City, State, Zip											RCRA
City, State, Zip <u>Hobbs, NM, 88240</u>		Phone:											
Phone: <u>580-748-1613</u>		Email:											
Email: <u>tom@pimaoil.com</u>		Pima Project # <u>291-2</u>											
Report due by:													

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
9:45	6/8	S	1	SW5	21									X				
9:50		I	1	SW6	22													
9:55 AM		I	1	BG 1	23													

## Additional Instructions:

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:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 5 °C on subsequent days.

Relinquished by: (Signature) <u>Barime Adams</u>	Date <u>6/8/23</u>	Time <u>6:48</u>	Received by: (Signature) <u>Michelle Gonzales</u>	Date <u>6-12-23</u>	Time <u>1430</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 Gonzales</u>	Date <u>6-12-23</u>	Time <u>1730</u>	Received by: (Signature) <u>Andrew Mueso</u>	Date <u>6-12-23</u>	Time <u>1730</u>	
Relinquished by: (Signature) <u>Andrew Mueso</u>	Date <u>6-12-23</u>	Time <u>2300</u>	Received by: (Signature) <u>Cathy Mon</u>	Date <u>6/13/23</u>	Time <u>7:30</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: 6/13/2023 9:50:41AM

## 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:	06/13/23 07:30	Work Order ID:	E306099
Phone:	(575) 631-6977	Date Logged In:	06/13/23 08:44	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	06/19/23 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/Resolution

Received 4 extra samples that were not listed on the COC. Client asked to add samples and run them. No sample times for the extra samples received. White out present on COC.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:
  - Sample ID? Yes
  - Date/Time Collected? 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.



## Project Information

## Chain of Custody

Page 1 of 3

Client: Pima Environmental Services Project: <u>Broadside 12 Facility 2</u> Project Manager: Tom Bynum Address: 5614 N. Lovington Hwy. City, State, Zip: <u>Hobbs, NM, 88240</u> Phone: 580-748-1613 Email: <u>tom@pimaoil.com</u> Report due by:					Bill To Attention: <u>Devon</u> Address: City, State, Zip: Phone: Email: Pima Project # <u>291-2</u>					Lab Use Only Lab WO# <u>E-306099</u> Job Number <u>01058-0007</u> Analysis and Method					TAT 1D 2D 3D Standard <u>X</u>				EPA Program CWA SDWA RCRA State NM CO UT AZ TX <u>X</u>	
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	BDOC TX	Remarks						
8:00	6/8	S	1	S1-1'	1							X		Received 4						
8:05				S1-2'	2									extra samples.						
8:10				S1-3'	3									Added samples						
8:15				S1-4'	4									to COC per						
8:20				S2-1'	5									Client.						
8:25				S2-2'	6									6/13/23						
8:30				S2-3'	7									CM						
8:35				S2-4'	8															
8:40				S3-1'	9															
8:45				S3-2'	10															
Additional Instructions: <u>Billings # 211 648 32</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>Karime Adams</u>		<u>6/8/23</u>	<u>230</u>	<u>Michelle Camps</u>		<u>6-12-23</u>	<u>1430</u>	Received on ice: <u>Y</u> / N												
<u>Michelle Camps</u>		<u>6-12-23</u>	<u>1730</u>	<u>Andrew Moss</u>		<u>6-12-23</u>	<u>1730</u>	T1 T2 T3												
<u>Andrew Moss</u>		<u>6-12-23</u>	<u>2300</u>	<u>Cathy Mann</u>		<u>6/13/23</u>	<u>7:30</u>	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.																				



## Project Information

## Chain of Custody

Page 2 of 3

Client: Pima Environmental Services		Bill To		Lab Use Only		TAT		EPA Program					
Project: <u>Broadside 12 Facility 2</u>		Attention: <u>Devon</u>		Lab WO# <u>E306099</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: tom@pimaoil.com		Pima Project # <u>291-2</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	6/8	S	1	S3-3'	11							X		
9:00				S3-4'	12									
9:05				S4-1'	13									
9:10				S4-2'	14									
9:15				S4-3'	15									
9:20				S4-4'	16									
9:25				SW 1	17									
9:30				SW 2	18									
9:35				SW 3	19									
9:40				SW 4	20									

## Additional Instructions:

Bill # 21164832

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:

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>Kerrie Adams</u>	Date <u>6/8/23</u>	Time <u>230</u>	Received by: (Signature) <u>Michelle Cangel</u>	Date <u>6-12-23</u>	Time <u>1430</u>	Lab Use Only
Relinquished by: (Signature) <u>Michelle Cangel</u>	Date <u>6-12-23</u>	Time <u>1730</u>	Received by: (Signature) <u>Andrew Messo</u>	Date <u>6-12-23</u>	Time <u>1730</u>	Received on ice: <u>Y</u> N
Relinquished by: (Signature) <u>Andrew Messo</u>	Date <u>6-12-23</u>	Time <u>2300</u>	Received by: (Signature) <u>Caitlin Mow</u>	Date <u>6/13/23</u>	Time <u>7:30</u>	T1 _____ T2 _____ T3 _____
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**



## Project Information

## Chain of Custody

Page 3 of 3

Client: <u>Pima Environmental Services</u>		Bill To		Lab Use Only		TAT		EPA Program					
Project: <u>Broadside 12 Facility</u>		Attention: <u>Devon</u>		Lab WO# <u>E300099</u>		Job Number <u>010580007</u>		1D	2D	3D	Standard	CWA	SDWA
Project Manager: <u>Tom Bynum</u>		Address:		Analysis and Method									
Address: <u>5614 N. Lovington Hwy.</u>		City, State, Zip											RCRA
City, State, Zip: <u>Hobbs, NM, 88240</u>		Phone:											
Phone: <u>580-748-1613</u>		Email:											
Email: <u>tom@pimaoil.com</u>		Pima Project # <u>291-2</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
9:45	6/8	S	1	SW5	21							X		
9:50				SW6	22									
9:55 <sup>Am</sup>				BG 1	23									
				S5-1'	24									
				S5-2'	25									
				S5-3'	26									
				S5-4'	27									

## Additional Instructions:

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:

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>Barime Adams</u>	Date <u>6/12/23</u>	Time <u>6:30</u>	Received by: (Signature) <u>Michelle Gonzales</u>	Date <u>6-12-23</u>	Time <u>1430</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 Gonzales</u>	Date <u>6-12-23</u>	Time <u>1730</u>	Received by: (Signature) <u>Andrew Mueso</u>	Date <u>6-12-23</u>	Time <u>1730</u>	
Relinquished by: (Signature) <u>Andrew Mueso</u>	Date <u>6-12-23</u>	Time <u>2300</u>	Received by: (Signature) <u>Caitlin Mon</u>	Date <u>6/13/23</u>	Time <u>7:30</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.





Report to:  
Gio Gomez



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Broadside 12 CTB 2

Work Order: E406001

Job Number: 01058-0007

Received: 6/3/2024

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
6/6/24

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 6/6/24

Gio Gomez  
PO Box 247  
Plains, TX 79355-0247



Project Name: Broadside 12 CTB 2  
Workorder: E406001  
Date Received: 6/3/2024 8:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/3/2024 8:00:00AM, under the Project Name: Broadside 12 CTB 2.

The analytical test results summarized in this report with the Project Name: Broadside 12 CTB 2 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Broadside 12 CTB 2	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	06/06/24 14:38

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS1-1'	E406001-01A	Soil	05/31/24	06/03/24	Glass Jar, 2 oz.
CS1-2'	E406001-02A	Soil	05/31/24	06/03/24	Glass Jar, 2 oz.
CS2-1'	E406001-03A	Soil	05/31/24	06/03/24	Glass Jar, 2 oz.
CS2-2'	E406001-04A	Soil	05/31/24	06/03/24	Glass Jar, 2 oz.
CS3-1'	E406001-05A	Soil	05/31/24	06/03/24	Glass Jar, 2 oz.
CS3-2'	E406001-06A	Soil	05/31/24	06/03/24	Glass Jar, 2 oz.
CS4-1'	E406001-07A	Soil	05/31/24	06/03/24	Glass Jar, 2 oz.
CS4-2'	E406001-08A	Soil	05/31/24	06/03/24	Glass Jar, 2 oz.
CS5-1'	E406001-09A	Soil	05/31/24	06/03/24	Glass Jar, 2 oz.
CS5-2'	E406001-10A	Soil	05/31/24	06/03/24	Glass Jar, 2 oz.
CSW1	E406001-11A	Soil	05/31/24	06/03/24	Glass Jar, 2 oz.
CSW2	E406001-12A	Soil	05/31/24	06/03/24	Glass Jar, 2 oz.
CSW3	E406001-13A	Soil	05/31/24	06/03/24	Glass Jar, 2 oz.
CSW4	E406001-14A	Soil	05/31/24	06/03/24	Glass Jar, 2 oz.
CSW5	E406001-15A	Soil	05/31/24	06/03/24	Glass Jar, 2 oz.
CSW6	E406001-16A	Soil	05/31/24	06/03/24	Glass Jar, 2 oz.



## Sample Data

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

Project Name: Broadside 12 CTB 2  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
6/6/2024 2:38:24PM

### CS1-1'

#### E406001-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2423011	
Benzene	ND	0.0250	1	06/03/24	06/03/24	
Ethylbenzene	ND	0.0250	1	06/03/24	06/03/24	
Toluene	ND	0.0250	1	06/03/24	06/03/24	
o-Xylene	ND	0.0250	1	06/03/24	06/03/24	
p,m-Xylene	ND	0.0500	1	06/03/24	06/03/24	
Total Xylenes	ND	0.0250	1	06/03/24	06/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	92.4 %	70-130		06/03/24	06/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2423011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/24	06/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	98.3 %	70-130		06/03/24	06/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2423046	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/04/24	06/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/04/24	06/05/24	
<i>Surrogate: n-Nonane</i>	97.1 %	50-200		06/04/24	06/05/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2423018	
Chloride	ND	20.0	1	06/03/24	06/03/24	





## Sample Data

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

Project Name: Broadside 12 CTB 2  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
6/6/2024 2:38:24PM

CS1-2'

E406001-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2423011
Benzene	ND	0.0250	1	06/03/24	06/03/24	
Ethylbenzene	ND	0.0250	1	06/03/24	06/03/24	
Toluene	ND	0.0250	1	06/03/24	06/03/24	
o-Xylene	ND	0.0250	1	06/03/24	06/03/24	
p,m-Xylene	ND	0.0500	1	06/03/24	06/03/24	
Total Xylenes	ND	0.0250	1	06/03/24	06/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.7 %	70-130		06/03/24	06/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2423011
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/24	06/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.8 %	70-130		06/03/24	06/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2423046
Diesel Range Organics (C10-C28)	ND	25.0	1	06/04/24	06/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/04/24	06/05/24	
<i>Surrogate: n-Nonane</i>						
	96.8 %	50-200		06/04/24	06/05/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2423018
Chloride	ND	20.0	1	06/03/24	06/03/24	



## Sample Data

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

Project Name: Broadside 12 CTB 2  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
6/6/2024 2:38:24PM

## CS2-1'

## E406001-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2423011
Benzene	ND	0.0250	1	06/03/24	06/03/24	
Ethylbenzene	ND	0.0250	1	06/03/24	06/03/24	
Toluene	ND	0.0250	1	06/03/24	06/03/24	
o-Xylene	ND	0.0250	1	06/03/24	06/03/24	
p,m-Xylene	ND	0.0500	1	06/03/24	06/03/24	
Total Xylenes	ND	0.0250	1	06/03/24	06/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.2 %	70-130		06/03/24	06/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2423011
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/24	06/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.3 %	70-130		06/03/24	06/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2423046
Diesel Range Organics (C10-C28)	ND	25.0	1	06/04/24	06/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/04/24	06/05/24	
<i>Surrogate: n-Nonane</i>						
	93.2 %	50-200		06/04/24	06/05/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2423018
Chloride	ND	20.0	1	06/03/24	06/03/24	



## Sample Data

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

Project Name: Broadside 12 CTB 2  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
6/6/2024 2:38:24PM

## CS2-2'

## E406001-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2423011
Benzene	ND	0.0250	1	06/03/24	06/03/24	
Ethylbenzene	ND	0.0250	1	06/03/24	06/03/24	
Toluene	ND	0.0250	1	06/03/24	06/03/24	
o-Xylene	ND	0.0250	1	06/03/24	06/03/24	
p,m-Xylene	ND	0.0500	1	06/03/24	06/03/24	
Total Xylenes	ND	0.0250	1	06/03/24	06/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.1 %	70-130		06/03/24	06/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2423011
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/24	06/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.8 %	70-130		06/03/24	06/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2423046
Diesel Range Organics (C10-C28)	ND	25.0	1	06/04/24	06/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/04/24	06/05/24	
<i>Surrogate: n-Nonane</i>						
	93.8 %	50-200		06/04/24	06/05/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2423018
Chloride	ND	20.0	1	06/03/24	06/03/24	



## Sample Data

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

Project Name: Broadside 12 CTB 2  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
6/6/2024 2:38:24PM

CS3-1'

E406001-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2423011
Benzene	ND	0.0250	1	06/03/24	06/03/24	
Ethylbenzene	ND	0.0250	1	06/03/24	06/03/24	
Toluene	ND	0.0250	1	06/03/24	06/03/24	
o-Xylene	ND	0.0250	1	06/03/24	06/03/24	
p,m-Xylene	ND	0.0500	1	06/03/24	06/03/24	
Total Xylenes	ND	0.0250	1	06/03/24	06/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		91.7 %	70-130	06/03/24	06/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2423011
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/24	06/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.3 %	70-130	06/03/24	06/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2423046
Diesel Range Organics (C10-C28)	ND	25.0	1	06/04/24	06/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/04/24	06/05/24	
<i>Surrogate: n-Nonane</i>						
		102 %	50-200	06/04/24	06/05/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2423018
Chloride	ND	20.0	1	06/03/24	06/03/24	





## Sample Data

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

Project Name: Broadside 12 CTB 2  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
6/6/2024 2:38:24PM

CS3-2'

E406001-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2423011
Benzene	ND	0.0250	1	06/03/24	06/03/24	
Ethylbenzene	ND	0.0250	1	06/03/24	06/03/24	
Toluene	ND	0.0250	1	06/03/24	06/03/24	
o-Xylene	ND	0.0250	1	06/03/24	06/03/24	
p,m-Xylene	ND	0.0500	1	06/03/24	06/03/24	
Total Xylenes	ND	0.0250	1	06/03/24	06/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		91.8 %	70-130	06/03/24	06/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2423011
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/24	06/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		97.9 %	70-130	06/03/24	06/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2423046
Diesel Range Organics (C10-C28)	ND	25.0	1	06/04/24	06/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/04/24	06/05/24	
<i>Surrogate: n-Nonane</i>						
		102 %	50-200	06/04/24	06/05/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2423018
Chloride	ND	20.0	1	06/03/24	06/03/24	



## Sample Data

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

Project Name: Broadside 12 CTB 2  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
6/6/2024 2:38:24PM

## CS4-1'

## E406001-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2423011	
Benzene	ND	0.0250	1	06/03/24	06/03/24	
Ethylbenzene	ND	0.0250	1	06/03/24	06/03/24	
Toluene	ND	0.0250	1	06/03/24	06/03/24	
o-Xylene	ND	0.0250	1	06/03/24	06/03/24	
p,m-Xylene	ND	0.0500	1	06/03/24	06/03/24	
Total Xylenes	ND	0.0250	1	06/03/24	06/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.3 %	70-130	06/03/24	06/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2423011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/24	06/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.3 %	70-130	06/03/24	06/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2423046	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/04/24	06/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/04/24	06/05/24	
<i>Surrogate: n-Nonane</i>		108 %	50-200	06/04/24	06/05/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2423018	
Chloride	ND	20.0	1	06/03/24	06/03/24	



## Sample Data

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

Project Name: Broadside 12 CTB 2  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
6/6/2024 2:38:24PM

CS4-2'

E406001-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2423011
Benzene	ND	0.0250	1	06/03/24	06/03/24	
Ethylbenzene	ND	0.0250	1	06/03/24	06/03/24	
Toluene	ND	0.0250	1	06/03/24	06/03/24	
o-Xylene	ND	0.0250	1	06/03/24	06/03/24	
p,m-Xylene	ND	0.0500	1	06/03/24	06/03/24	
Total Xylenes	ND	0.0250	1	06/03/24	06/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.4 %	70-130		06/03/24	06/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2423011
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/24	06/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.2 %	70-130		06/03/24	06/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2423046
Diesel Range Organics (C10-C28)	ND	25.0	1	06/04/24	06/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/04/24	06/05/24	
<i>Surrogate: n-Nonane</i>						
	106 %	50-200		06/04/24	06/05/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2423018
Chloride	ND	20.0	1	06/03/24	06/03/24	



## Sample Data

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

Project Name: Broadside 12 CTB 2  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
6/6/2024 2:38:24PM

CS5-1'

E406001-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2423011
Benzene	ND	0.0250	1	06/03/24	06/03/24	
Ethylbenzene	ND	0.0250	1	06/03/24	06/03/24	
Toluene	ND	0.0250	1	06/03/24	06/03/24	
o-Xylene	ND	0.0250	1	06/03/24	06/03/24	
p,m-Xylene	ND	0.0500	1	06/03/24	06/03/24	
Total Xylenes	ND	0.0250	1	06/03/24	06/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		91.2 %	70-130	06/03/24	06/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2423011
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/24	06/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		99.8 %	70-130	06/03/24	06/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2423046
Diesel Range Organics (C10-C28)	ND	25.0	1	06/04/24	06/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/04/24	06/05/24	
<i>Surrogate: n-Nonane</i>						
		107 %	50-200	06/04/24	06/05/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2423018
Chloride	ND	20.0	1	06/03/24	06/03/24	





## Sample Data

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

Project Name: Broadside 12 CTB 2  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
6/6/2024 2:38:24PM

CS5-2'

E406001-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2423011
Benzene	ND	0.0250	1	06/03/24	06/03/24	
Ethylbenzene	ND	0.0250	1	06/03/24	06/03/24	
Toluene	ND	0.0250	1	06/03/24	06/03/24	
o-Xylene	ND	0.0250	1	06/03/24	06/03/24	
p,m-Xylene	ND	0.0500	1	06/03/24	06/03/24	
Total Xylenes	ND	0.0250	1	06/03/24	06/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		91.2 %	70-130	06/03/24	06/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2423011
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/24	06/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.6 %	70-130	06/03/24	06/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2423046
Diesel Range Organics (C10-C28)	ND	25.0	1	06/04/24	06/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/04/24	06/06/24	
<i>Surrogate: n-Nonane</i>						
		110 %	50-200	06/04/24	06/06/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2423018
Chloride	ND	20.0	1	06/03/24	06/03/24	



## Sample Data

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

Project Name: Broadside 12 CTB 2  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
6/6/2024 2:38:24PM

## CSW1

## E406001-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2423011
Benzene	ND	0.0250	1	06/03/24	06/03/24	
Ethylbenzene	ND	0.0250	1	06/03/24	06/03/24	
Toluene	ND	0.0250	1	06/03/24	06/03/24	
o-Xylene	ND	0.0250	1	06/03/24	06/03/24	
p,m-Xylene	ND	0.0500	1	06/03/24	06/03/24	
Total Xylenes	ND	0.0250	1	06/03/24	06/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.9 %	70-130		06/03/24	06/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2423011
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/24	06/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.8 %	70-130		06/03/24	06/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2423046
Diesel Range Organics (C10-C28)	ND	25.0	1	06/04/24	06/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/04/24	06/06/24	
<i>Surrogate: n-Nonane</i>						
	107 %	50-200		06/04/24	06/06/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2423018
Chloride	ND	20.0	1	06/03/24	06/03/24	



## Sample Data

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

Project Name: Broadside 12 CTB 2  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
6/6/2024 2:38:24PM

## CSW2

## E406001-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2423011
Benzene	ND	0.0250	1	06/03/24	06/03/24	
Ethylbenzene	ND	0.0250	1	06/03/24	06/03/24	
Toluene	ND	0.0250	1	06/03/24	06/03/24	
o-Xylene	ND	0.0250	1	06/03/24	06/03/24	
p,m-Xylene	ND	0.0500	1	06/03/24	06/03/24	
Total Xylenes	ND	0.0250	1	06/03/24	06/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.7 %	70-130		06/03/24	06/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2423011
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/24	06/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.1 %	70-130		06/03/24	06/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2423046
Diesel Range Organics (C10-C28)	ND	25.0	1	06/04/24	06/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/04/24	06/06/24	
<i>Surrogate: n-Nonane</i>						
	107 %	50-200		06/04/24	06/06/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2423018
Chloride	ND	20.0	1	06/03/24	06/03/24	



## Sample Data

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

Project Name: Broadside 12 CTB 2  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
6/6/2024 2:38:24PM

## CSW3

## E406001-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2423011
Benzene	ND	0.0250	1	06/03/24	06/04/24	
Ethylbenzene	ND	0.0250	1	06/03/24	06/04/24	
Toluene	ND	0.0250	1	06/03/24	06/04/24	
o-Xylene	ND	0.0250	1	06/03/24	06/04/24	
p,m-Xylene	ND	0.0500	1	06/03/24	06/04/24	
Total Xylenes	ND	0.0250	1	06/03/24	06/04/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.3 %	70-130		06/03/24	06/04/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2423011
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/24	06/04/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.5 %	70-130		06/03/24	06/04/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2423046
Diesel Range Organics (C10-C28)	ND	25.0	1	06/04/24	06/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/04/24	06/06/24	
<i>Surrogate: n-Nonane</i>						
	104 %	50-200		06/04/24	06/06/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2423018
Chloride	ND	20.0	1	06/03/24	06/03/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Broadside 12 CTB 2	<b>Reported:</b> 6/6/2024 2:38:24PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CSW4

E406001-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2423011	
Benzene	ND	0.0250	1	06/03/24	06/04/24	
Ethylbenzene	ND	0.0250	1	06/03/24	06/04/24	
Toluene	ND	0.0250	1	06/03/24	06/04/24	
o-Xylene	ND	0.0250	1	06/03/24	06/04/24	
p,m-Xylene	ND	0.0500	1	06/03/24	06/04/24	
Total Xylenes	ND	0.0250	1	06/03/24	06/04/24	
Surrogate: 4-Bromochlorobenzene-PID	91.1 %	70-130		06/03/24	06/04/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2423011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/24	06/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	97.8 %	70-130		06/03/24	06/04/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2423046	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/04/24	06/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/04/24	06/06/24	
Surrogate: n-Nonane	106 %	50-200		06/04/24	06/06/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2423018	
Chloride	ND	20.0	1	06/03/24	06/03/24	



## Sample Data

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

Project Name: Broadside 12 CTB 2  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
6/6/2024 2:38:24PM

## CSW5

## E406001-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2423011
Benzene	ND	0.0250	1	06/03/24	06/04/24	
Ethylbenzene	ND	0.0250	1	06/03/24	06/04/24	
Toluene	ND	0.0250	1	06/03/24	06/04/24	
o-Xylene	ND	0.0250	1	06/03/24	06/04/24	
p,m-Xylene	ND	0.0500	1	06/03/24	06/04/24	
Total Xylenes	ND	0.0250	1	06/03/24	06/04/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.1 %	70-130		06/03/24	06/04/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2423011
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/24	06/04/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.8 %	70-130		06/03/24	06/04/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2423046
Diesel Range Organics (C10-C28)	ND	25.0	1	06/04/24	06/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/04/24	06/06/24	
<i>Surrogate: n-Nonane</i>						
	106 %	50-200		06/04/24	06/06/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2423018
Chloride	ND	20.0	1	06/03/24	06/03/24	



## Sample Data

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

Project Name: Broadside 12 CTB 2  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
6/6/2024 2:38:24PM

## CSW6

## E406001-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2423011
Benzene	ND	0.0250	1	06/03/24	06/04/24	
Ethylbenzene	ND	0.0250	1	06/03/24	06/04/24	
Toluene	ND	0.0250	1	06/03/24	06/04/24	
o-Xylene	ND	0.0250	1	06/03/24	06/04/24	
p,m-Xylene	ND	0.0500	1	06/03/24	06/04/24	
Total Xylenes	ND	0.0250	1	06/03/24	06/04/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		91.8 %	70-130	06/03/24	06/04/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2423011
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/24	06/04/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		97.1 %	70-130	06/03/24	06/04/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2423046
Diesel Range Organics (C10-C28)	ND	25.0	1	06/04/24	06/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/04/24	06/06/24	
<i>Surrogate: n-Nonane</i>						
		109 %	50-200	06/04/24	06/06/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2423018
Chloride	ND	20.0	1	06/03/24	06/03/24	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Broadside 12 CTB 2	Reported:  6/6/2024 2:38:24PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

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 (2423011-BLK1)

Prepared: 06/03/24 Analyzed: 06/03/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.45		8.00		93.1	70-130			

LCS (2423011-BS1)

Prepared: 06/03/24 Analyzed: 06/03/24

Benzene	4.55	0.0250	5.00		91.1	70-130			
Ethylbenzene	4.41	0.0250	5.00		88.2	70-130			
Toluene	4.49	0.0250	5.00		89.8	70-130			
o-Xylene	4.39	0.0250	5.00		87.9	70-130			
p,m-Xylene	9.00	0.0500	10.0		90.0	70-130			
Total Xylenes	13.4	0.0250	15.0		89.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.45		8.00		93.2	70-130			

LCS Dup (2423011-BSD1)

Prepared: 06/03/24 Analyzed: 06/03/24

Benzene	4.71	0.0250	5.00		94.2	70-130	3.36	20	
Ethylbenzene	4.56	0.0250	5.00		91.1	70-130	3.21	20	
Toluene	4.64	0.0250	5.00		92.8	70-130	3.29	20	
o-Xylene	4.53	0.0250	5.00		90.6	70-130	3.05	20	
p,m-Xylene	9.27	0.0500	10.0		92.7	70-130	2.93	20	
Total Xylenes	13.8	0.0250	15.0		92.0	70-130	2.97	20	
Surrogate: 4-Bromochlorobenzene-PID	7.45		8.00		93.1	70-130			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Broadside 12 CTB 2	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	6/6/2024 2:38:24PM

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 (2423011-BLK1) Prepared: 06/03/24 Analyzed: 06/03/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.78		8.00		97.2	70-130			

LCS (2423011-BS2) Prepared: 06/03/24 Analyzed: 06/03/24

Gasoline Range Organics (C6-C10)	48.5	20.0	50.0		97.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.05		8.00		101	70-130			

LCS Dup (2423011-BSD2) Prepared: 06/03/24 Analyzed: 06/03/24

Gasoline Range Organics (C6-C10)	49.6	20.0	50.0		99.1	70-130	2.17	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.86		8.00		98.2	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Broadside 12 CTB 2	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	6/6/2024 2:38:24PM

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 (2423046-BLK1)					Prepared: 06/04/24 Analyzed: 06/05/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.6		50.0		103	50-200			

LCS (2423046-BS1)					Prepared: 06/04/24 Analyzed: 06/05/24				
Diesel Range Organics (C10-C28)	270	25.0	250		108	38-132			
Surrogate: n-Nonane	52.8		50.0		106	50-200			

LCS Dup (2423046-BSD1)					Prepared: 06/04/24 Analyzed: 06/05/24				
Diesel Range Organics (C10-C28)	280	25.0	250		112	38-132	3.60	20	
Surrogate: n-Nonane	54.9		50.0		110	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Broadside 12 CTB 2	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	6/6/2024 2:38:24PM

Anions by EPA 300.0/9056A

Analyst: DT

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 (2423018-BLK1)					Prepared: 06/03/24 Analyzed: 06/03/24				
Chloride	ND	20.0							
LCS (2423018-BS1)					Prepared: 06/03/24 Analyzed: 06/03/24				
Chloride	255	20.0	250		102	90-110			
LCS Dup (2423018-BSD1)					Prepared: 06/03/24 Analyzed: 06/03/24				
Chloride	255	20.0	250		102	90-110	0.368	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:	Broadside 12 CTB 2	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	06/06/24 14:38

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

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

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





## Project Information

## Chain of Custody

Page 1 of 2

Client: Pima Environmental Services					Bill To		Lab Use Only		TAT				EPA Program			
Project: BroadSide 12 CTB 2					Attention: <u>Devin</u>		Lab WOH# <u>E 4012001</u>		Job Number <u>01058-0007</u>		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Gio Gomez					Address:											
Address: 5614 N. Lovington Hwy.					City, State, Zip											
City, State, Zip: Hobbs, NM, 88240					Phone:											
Phone: 806-782-1151					Email:											
Email: gio@pimaoil.com					Pima Project # <u>1-291-2</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		
8:06	5/31	S		CS1-1'	1							X				
8:11				CS1-2'	2											
8:17				CS2-1'	3											
8:22				CS2-2'	4											
8:30				CS3-1'	5											
8:41				CS3-2'	6											
8:52				CS4-1'	7											
9:11				CS4-2'	8											
9:20				CS5-1'	9											
9:31				CS5-2'	10											
Additional Instructions: <u>B# 21164832</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		Received on ice: <u>Y</u> / N						
<u>Karime Adams</u>		<u>5/31/24</u>		<u>Janet</u>		<u>5-31-24</u>	<u>1155</u>									
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time			T1 T2 T3						
<u>Janet</u>		<u>6-1-24</u>	<u>1620</u>	<u>Roxie Schwan</u>		<u>6/3/24</u>	<u>8:00</u>									
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time			AVG Temp °C <u>4</u>						
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA						
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																



[illegible]

## Envirotech Analytical Laboratory

Printed: 6/3/2024 4:56:56PM

## 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:	06/03/24 08:00	Work Order ID:	E406001
Phone:	(575) 631-6977	Date Logged In:	06/03/24 08:04	Logged In By:	Raina Schwanz
Email:	gio@pimaoil.com	Due Date:	06/05/24 17:00 (2 day TAT)		

**Chain of Custody (COC)**

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

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

Carrier: Courier**Comments/Resolution**

Number of containers not marked on COC.

**Sample Turn Around Time (TAT)**

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

**Sample Cooler**

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

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

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

**Sample Container**

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

**Field Label**

20. Were field sample labels filled out with the minimum information:
  - Sample ID? Yes
  - Date/Time Collected? Yes
  - Collectors name? Yes

**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.

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

QUESTIONS

Action 455790

**QUESTIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 455790
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

Prerequisites	
Incident ID (n#)	nAPP2312824558
Incident Name	NAPP2312824558 BROADSIDE 12 CTB 2 @ 0
Incident Type	Oil Release
Incident Status	Reclamation Report Received

**Location of Release Source**

Please answer all the questions in this group.

Site Name	BROADSIDE 12 CTB 2
Date Release Discovered	05/07/2023
Surface Owner	Private

**Incident Details**

Please answer all the questions in this group.

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

**Nature and Volume of Release**

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Cause: Equipment Failure   Other (Specify)   Crude Oil   Released: 2 BBL   Recovered: 0 BBL   Lost: 2 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Received call from 3rd party reporting leaking and spraying from LACT pump skid. Show down the LACT and isolated valves. Shut down compressor and shut in wells to stop leak. Contacted Plains pipeline and reported issue.



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QUESTIONS, Page 2

Action 455790

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 455790
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	<b>More info needed to determine if this will be treated as a "gas only" report.</b>
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Unavailable.
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

**Initial Response**

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

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

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

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

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dvn.com Date: 06/14/2024
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QUESTIONS, Page 3

Action 455790

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 455790
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

<b>Site Characterization</b>	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

<b>Remediation Plan</b>	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
<b>Soil Contamination Sampling:</b> (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	47.7
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	40.5
GRO+DRO (EPA SW-846 Method 8015M)	40.5
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	06/07/2024
On what date will (or did) the final sampling or liner inspection occur	06/07/2024
On what date will (or was) the remediation complete(d)	06/07/2024
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	0
What is the estimated volume (in cubic yards) that will be remediated	0
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 455790

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 455790
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

<b>Remediation Plan (continued)</b>	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
<b>This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:</b>	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	No
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	Yes
Other Non-listed Remedial Process. Please specify	analytical results are below OCD action levels
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dvn.com Date: 06/14/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 455790

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 455790
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

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



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QUESTIONS, Page 6

Action 455790

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 455790
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

Sampling Event Information	
Last sampling notification (C-141N) recorded	348565
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/30/2024
What was the (estimated) number of samples that were to be gathered	16
What was the sampling surface area in square feet	1354

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	0
What was the total volume (cubic yards) remediated	0
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	analytical results are below OCD action levels
<i>The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dvn.com Date: 06/14/2024

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QUESTIONS, Page 7

Action 455790

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 455790
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

<b>Reclamation Report</b>	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	1354
What was the total volume of replacement material (in cubic yards) for this site	0
<i>Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.</i>	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseedling commence(d)	12/01/2045
Summarize any additional reclamation activities not included by answers (above)	Initial Sampling was completed; No remediation was required.
<i>The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseedling plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dv.com Date: 04/25/2025

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QUESTIONS, Page 8  
  
Action 455790

QUESTIONS (continued)

Operator:  DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:  6137
	Action Number:  455790
	Action Type:  [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report	
Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.	
Requesting a restoration complete approval with this submission	No
Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.	

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

CONDITIONS

Action 455790

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 455790
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
nvez	Reclamation report is approved, but it should be noted that the incident occurred within an area reasonably needed for production or subsequently drilling operations and that the reclamation portion has not been completed per 19.15.29.13D (2) NMAC. This is temporary reprieve and may be denied for other incidents submitted after June 24, 2025. See Application ID 449450 for initial reclamation report approved for related on-pad case.	7/1/2025