



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

May 7, 2025

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

Re: Reclamation Report
Snapping 12 CTB 2
API No. N/A
GPS: Latitude 32.060005 Longitude -103.734905
UL - F, 12, T26S, R31E
Lea County, NM
NMOCD Ref. No. NAPP2334722258

Pima Environmental Services, LLC. (Pima) has been contracted by Devon Energy Production Company, LP (Devon) to prepare this Reclamation Report for a release of crude oil that occurred at the Snapping 12 CTB 2 (Snapping). The incident was assigned incident NAPP2334722258 on December 15, 2023, by the New Mexico Oil Conservation Division (NMOCD).

Site Characterization

The Snapping is located approximately twenty-two (22) miles Southeast of Malaga, NM. This spill site is in Unit F, Section 12, Township 26S, Range 31E, Latitude 32.060005 Longitude -103.734905, Eddy County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is made up 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 loamy fine sands, 0 to 3 percent slopes, 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 high potential for karst geology to be present around the Snapping (Figure 3).

Based on the well water data from the New Mexico Office of the State Engineer water well (C-02090), the depth to the nearest groundwater in this vicinity measures 335 feet below grade surface (BGS), positioned 0.66 of a mile away from the Snapping. Drilled on December 31, 1965. Conversely, as per the United States Geological Survey well water data (USGS320330103462401), the nearest groundwater depth in this region is recorded at 275 feet BGS, situated approximately 0.27 of a mile away from the Snapping, with the last gauge conducted in 1998.

Table 1 NMAC and Closure Criteria 19.15.29

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

Reference Figure 2 for a Topographic Map.

Snapping 12 CTB 2 | [Devon Energy](#)

Release Information

NAPP2334722258: On December 13, 2023, the seal on the LACT unit went out, causing fluid to run out onto the pad. The released fluids were calculated to be approximately 10.1 barrels (bbls) of crude oil. A vacuum truck was called and was available to recover approximately 10 bbls of standing fluid.

Remediation Activities, Site Assessment, and Soil Sampling Results

On December 14, 2023, Pima mobilized personnel to the site to begin collecting soil samples from spill area. The laboratory results of this sampling event can be found in the following data table. A Site Map can be found in Figure 4.

12-14-23 Soil Sample Results

NMOCB Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50)								
DEVON ENERGY Snapping 12 CTB 2								
Date: 12-14-2023 NM Approved Laboratory Results								
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
S1	1'	164	4.95	2020	16900	3190	22278.95	48.1
	2'	4.31	ND	148	1680	394	2226.31	ND
	3'	0.0685	ND	ND	182	75.1	257.1685	44.9
	4'	0.305	0.07	ND	ND	ND	0.375	30.1
S2	1'	11.5	0.058	240	2810	539	3600.558	22
	2'	1.31	ND	80.7	1100	230	1412.01	ND
	3'	0.065	ND	ND	221	75.2	296.265	40.9
	4'	0.423	0.0995	ND	ND	ND	0.5225	28.3
S3	1'	336	10.6	3400	35500	5940	45186.6	ND
	2'	0.145	ND	ND	845	192	1037.145	ND
	3'	ND	ND	ND	221	67.4	288.4	38.8
	4'	ND	ND	ND	ND	ND	0	21.7
S4	1'	ND	ND	ND	30.1	ND	30.1	58.8
	2'	11.2	ND	193	3010	537	3751.2	ND
	3'	ND	ND	ND	287	86.7	373.7	39
	4'	ND	ND	ND	ND	ND	0	20.9
S5	1'	224	5.9	2300	24100	4020	30649.9	ND
	2'	9.21	ND	235	1910	346	2500.21	ND
	3'	0.11	0.032	ND	ND	ND	0.142	30.7
	4'	0.167	ND	ND	ND	ND	0.167	26.2
S6	1'	0.154	ND	ND	402	88.5	490.654	21
	2'	16.9	ND	308	2710	604	3638.9	ND
	3'	ND	ND	ND	ND	ND	0	40.4
	4'	0.182	ND	ND	ND	ND	0.182	31.1
SW1	Surface	ND	ND	ND	ND	ND	0	ND
	(0-6")	ND	ND	ND	ND	ND	0	ND
SW2	Surface	ND	ND	ND	ND	ND	0	ND
	(0-6")	ND	ND	ND	ND	ND	0	ND
SW3	Surface	ND	ND	ND	ND	ND	0	ND
	(0-6")	ND	ND	ND	ND	ND	0	ND
SW4	Surface	ND	ND	ND	ND	ND	0	ND
	(0-6")	ND	ND	ND	ND	ND	0	ND
SW5	Surface	ND	ND	ND	ND	ND	0	ND
	(0-6")	ND	ND	ND	ND	ND	0	ND
SW6	Surface	ND	ND	ND	ND	ND	0	ND
	(0-6")	ND	ND	ND	ND	ND	0	ND
SW7	Surface	ND	ND	ND	ND	ND	0	ND
	(0-6")	ND	ND	ND	ND	ND	0	ND
SW8	Surface	ND	ND	ND	ND	ND	0	ND
	(0-6")	ND	ND	ND	ND	ND	0	ND
SW9	Surface	ND	ND	ND	ND	ND	0	ND
	(0-6")	ND	ND	ND	ND	ND	0	ND
SW10	Surface	ND	ND	ND	ND	ND	0	ND
	(0-6")	ND	ND	ND	ND	ND	0	ND
SW11	Surface	ND	ND	ND	ND	ND	0	ND
	(0-6")	ND	ND	ND	ND	ND	0	ND
BG1	1'	ND	ND	ND	ND	ND	0	ND

ND- Analyte Not Detected

On February 13, 2024, the Devon Construction Department mobilized personnel and equipment to begin immediate remediation activities. They began excavating the area to a depth of 3' BGS. The contaminated soil 472 cubic yards was hauled to an approved, lined disposal facility and clean backfill material was brought in.

On February 19, 2024, after sending a 48-hour notification, application ID:314982 (Appendix C), Pima returned to the site to collect confirmation samples of the excavation. The results of this sampling event can be found in the following table. A Confirmation Sample Map can be found in Figure 5. Complete laboratory reports can be found in Appendix E.

1-25-24 Confirmation Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
DEVON ENERGY Snapping 12 CTB 2								
Date: 2-19-2024		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
C1	Bottom	ND	ND	ND	ND	ND	0	ND
C2	Bottom	ND	ND	ND	ND	ND	0	ND
C3	Bottom	ND	ND	ND	ND	ND	0	ND
C4	Bottom	ND	ND	ND	ND	ND	0	ND
C5	Bottom	ND	ND	ND	ND	ND	0	ND
C6	Bottom	ND	ND	ND	ND	ND	0	ND
C7	Bottom	ND	ND	ND	ND	ND	0	ND
C8	Bottom	ND	ND	ND	ND	ND	0	ND
C9	Bottom	ND	ND	ND	ND	ND	0	ND
C10	Bottom	ND	ND	ND	ND	ND	0	ND
C11	Bottom	ND	ND	ND	ND	ND	0	ND
C12	Bottom	ND	ND	ND	ND	ND	0	ND
C13	Bottom	ND	ND	ND	ND	ND	0	ND
C14	Bottom	ND	ND	ND	ND	ND	0	ND
C15	Bottom	ND	ND	ND	ND	ND	0	ND
C16	Bottom	ND	ND	ND	ND	ND	0	ND
C17	Bottom	ND	ND	ND	ND	ND	0	ND
C18	Bottom	ND	ND	ND	ND	ND	0	ND
C19	Bottom	ND	ND	ND	ND	ND	0	ND
C20	Bottom	ND	ND	ND	ND	ND	0	ND
C21	Bottom	ND	ND	ND	ND	ND	0	ND
C22	Bottom	ND	ND	ND	ND	ND	0	ND
C23	Bottom	ND	ND	ND	ND	ND	0	ND
C24	Bottom	ND	ND	ND	ND	ND	0	ND
CSW1	4'	ND	ND	ND	ND	ND	0	ND
CSW2	4'	ND	ND	ND	ND	ND	0	ND
CSW3	4'	ND	ND	ND	ND	ND	0	ND
CSW4	4'	ND	ND	ND	ND	ND	0	ND
CSW5	4'	ND	ND	ND	ND	ND	0	ND
CSW6	4'	ND	ND	ND	ND	ND	0	ND
CSW7	4'	ND	ND	ND	ND	ND	0	ND
CSW8	4'	ND	ND	ND	ND	ND	0	ND
CSW9	4'	ND	ND	ND	ND	ND	0	ND
CSW10	4'	ND	ND	ND	ND	ND	0	ND
CSW11	4'	ND	ND	ND	ND	ND	0	ND
CSW12	4'	ND	ND	ND	ND	ND	0	ND
CSW13	4'	ND	ND	ND	ND	ND	0	ND
CSW14	4'	ND	ND	ND	ND	ND	0	ND

ND- Analyte Not Detected

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

A Remediation Closure Report was submitted on February 29,2024 and was approved by NMOCD on May 15, 2024.

On April 24,2024, Pima personnel returned to the site to collect samples from the backfilled areas. A total of 2 composite backfill samples were collected from the surface. After being collected, the samples were immediately put on ice, jarred, and delivered to Envirotech Labs for official analysis of all constituents listed in Table 1 19.15.29.12 NMAC. On April 28, 2025, an analytical report was received and verified that all sample results are under the regulatory limits of the less than 50-foot depth to groundwater section of Table 1, ensuring compliance with 19.15.29.13 NMAC. The sampling results of this sampling event can be found in the following data table. Complete Laboratory Reports are included in Appendix E.

4-24-25 Sampling Event

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
DEVON ENERGY- SNAPPING 12 CTB 2								
Date: 4-24-25		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
Backfill 1	COMP	ND	ND	ND	ND	ND	ND	ND
Backfill 2	COMP	ND	ND	ND	ND	ND	ND	ND

Snapping 12 CTB 2|Devon Energy

The release and reclamation extent remained on the pad. These areas were remediated according to 19.15.29.12 NMAC. The confirmation lab sample results verified all samples within the top 4 feet of soil were under the regulatory limits of 19.15.29.12 NMAC. Therefore, once this pad surface is no longer needed for production or subsequent drilling operations, the following proposed reclamation actions will be implemented.

Full reclamation of the roads themselves will occur once they are no longer needed for ongoing operations and are decommissioned and will remain undisturbed until the roads are no longer in use for servicing active well sites.

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 from 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 location soil type.
- 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.
- Within 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 updates 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 Work Plan, 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.

Devon respectfully requests approval of this reclamation closure report for the release area associated with this incident.

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@devon.com.

Pima Environmental – DelRae Geller at 806-724-5391 or delrae@pimaoil.com.

Respectfully,

DelRae Geller

DelRae Geller
Project Manager
Pima Environmental Services, LLC

Attachments

Figures:

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

Appendices:

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

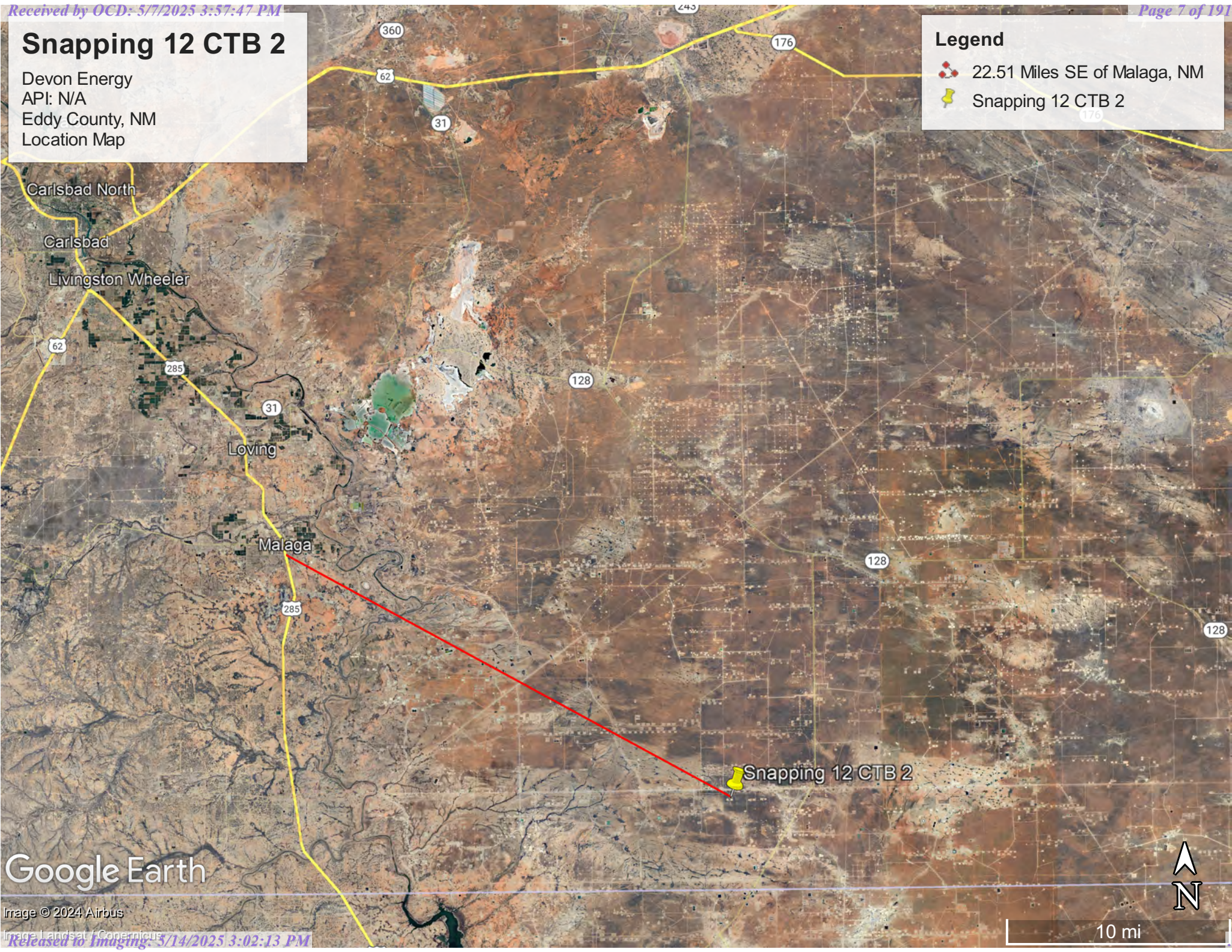
Snapping 12 CTB 2

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

Legend

 22.51 Miles SE of Malaga, NM

 Snapping 12 CTB 2



Google Earth

Image © 2024 Airbus

Image Landsat / Copernicus
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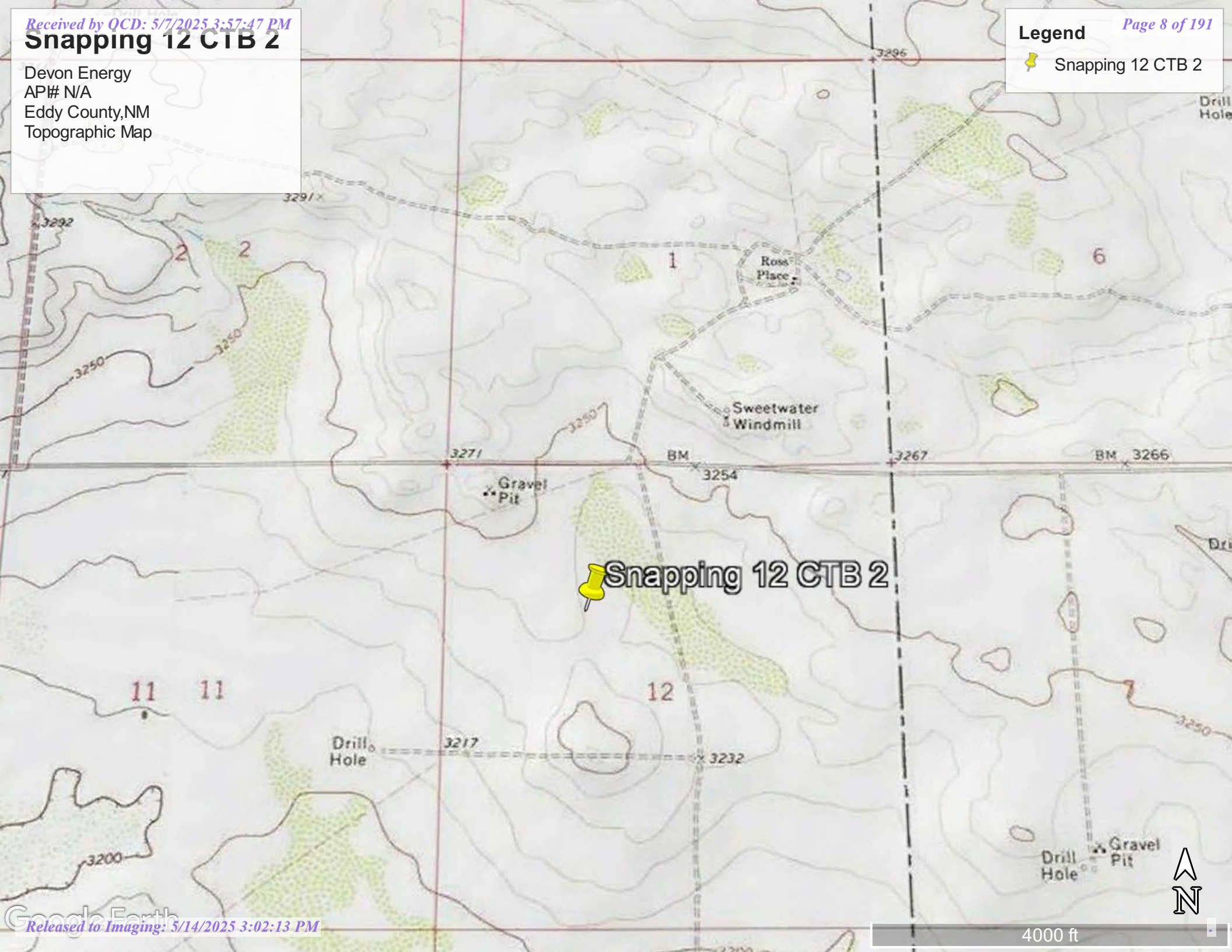
10 mi

Snapping 12 CTB 2

Devon Energy
AP# N/A
Eddy County, NM
Topographic Map

Legend

 Snapping 12 CTB 2

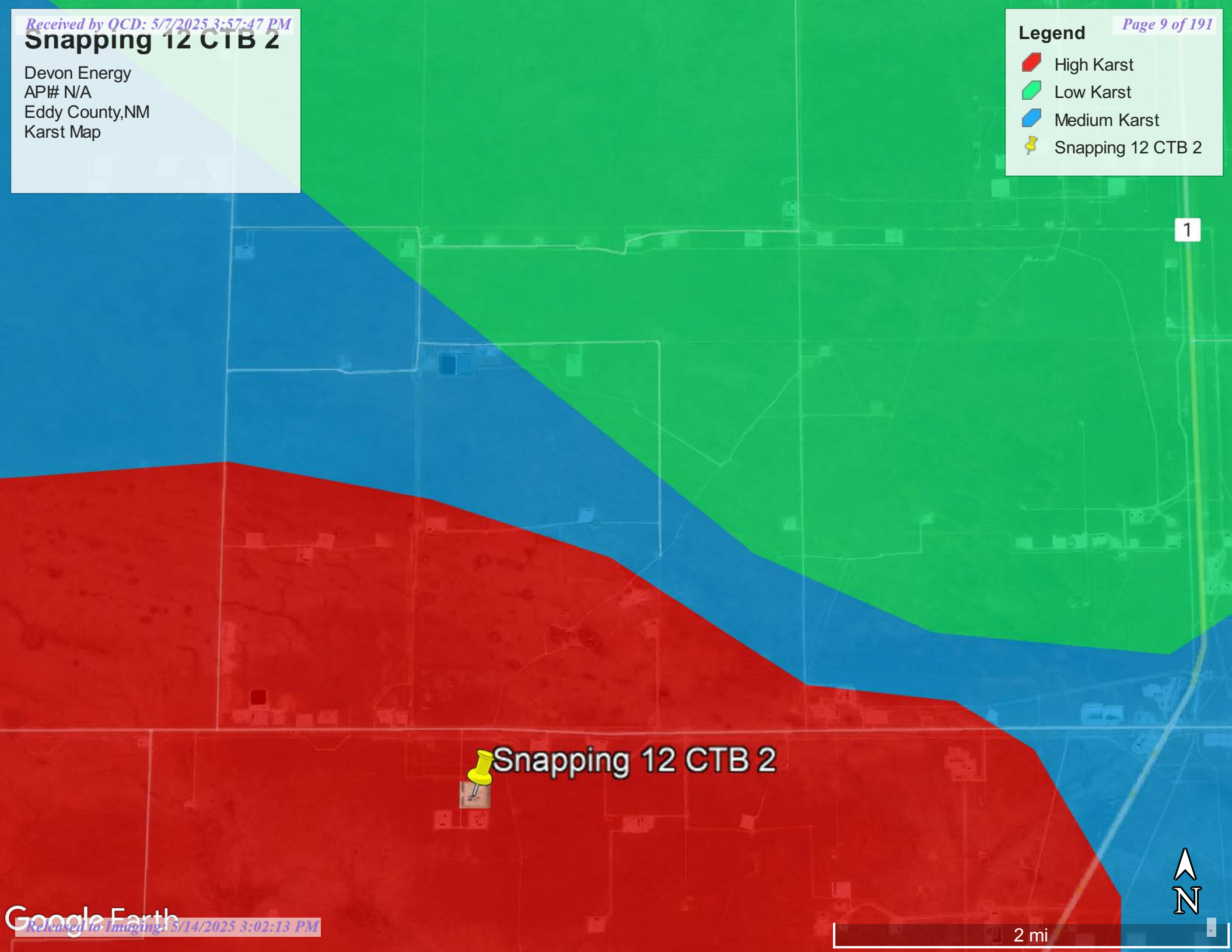


Snapping 12 CTB 2

Devon Energy
API# N/A
Eddy County, NM
Karst Map

Legend

-  High Karst
-  Low Karst
-  Medium Karst
-  Snapping 12 CTB 2



Snapping 12 CTB 2

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

Legend

-  Samples
-  Sidewalls/Backgrounds
-  Snapping 12 CTB 2
-  Spill Area 4,256 Sq Ft

 Snapping 12 CTB 2

SW1
S1
SW2
SW3
S2
SW11
S3
SW4
BG1
S4
SW10
SW5
S5
SW6
S6
SW7
SW9
SW8



100 ft

Snapping 12 CTB 2

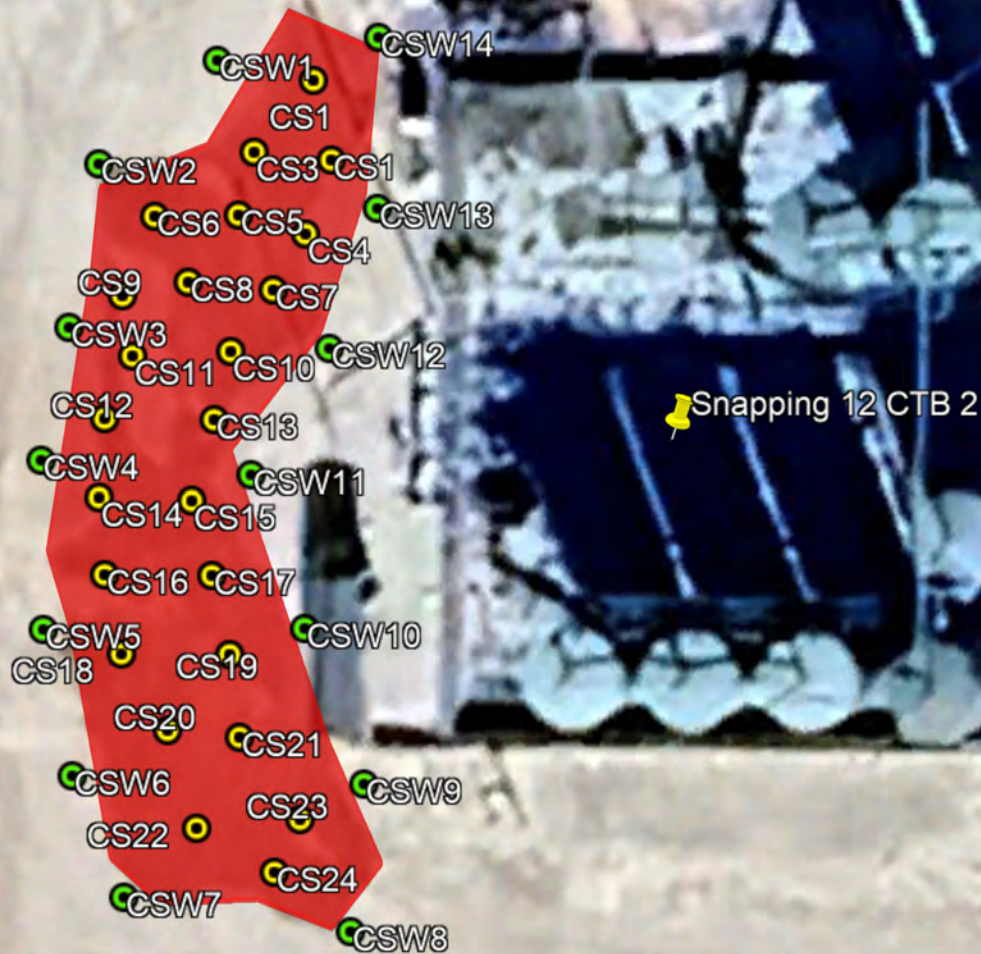
Devon Energy
API: N/A
Eddy County, NM
Confirmation Sample Map

Legend

 Confirmation Bottom Samples

 Confirmation Sidewall Samples

 Snapping 12 CTB 2





Pima Environmental Services

Appendix A

Water Surveys:

OSE

USGS

Surface Water Map



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
C 02090		C	ED	4	4	01	26S	31E		620329	3548533*	1171	350	335	15
C 04637 POD1		CUB	ED	4	4	3	02	26S	31E	618068	3548423	1495	51		
C 04209 POD2		C	LE	2	3	3	06	26S	32E	620818	3548657	1642	340	155	185
C 03639 POD1		CUB	ED	3	4	2	01	26S	31E	620168	3549279	1665	700	365	335
C 04209 POD1		CUB	LE	2	3	3	06	26S	32E	620903	3548619	1696	360	155	205
C 03554 POD2		CUB	ED	2	2	4	01	26S	31E	620527	3549105	1716	650	355	295
C 04256 POD1		C	ED	4	4	2	01	26S	31E	620384	3549257	1753	666	340	326
C 03554 POD1		CUB	ED	2	1	4	01	26S	31E	620547	3549148	1763	630	300	330
C 03829 POD1		CUB	LE	3	3	1	06	26S	32E	620628	3549186	1844	646	350	296
C 04700 POD1		CUB	ED	2	1	2	10	26S	31E	616736	3548154	2710			

Average Depth to Water: **294 feet**

Minimum Depth: **155 feet**

Maximum Depth: **365 feet**

Record Count: 10

UTMNAD83 Radius Search (in meters):

Easting (X): 619422.18

Northing (Y): 3547791.13

Radius: 5000

*UTM location was derived from PLSS - see Help

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

12/14/23 3:09 PM

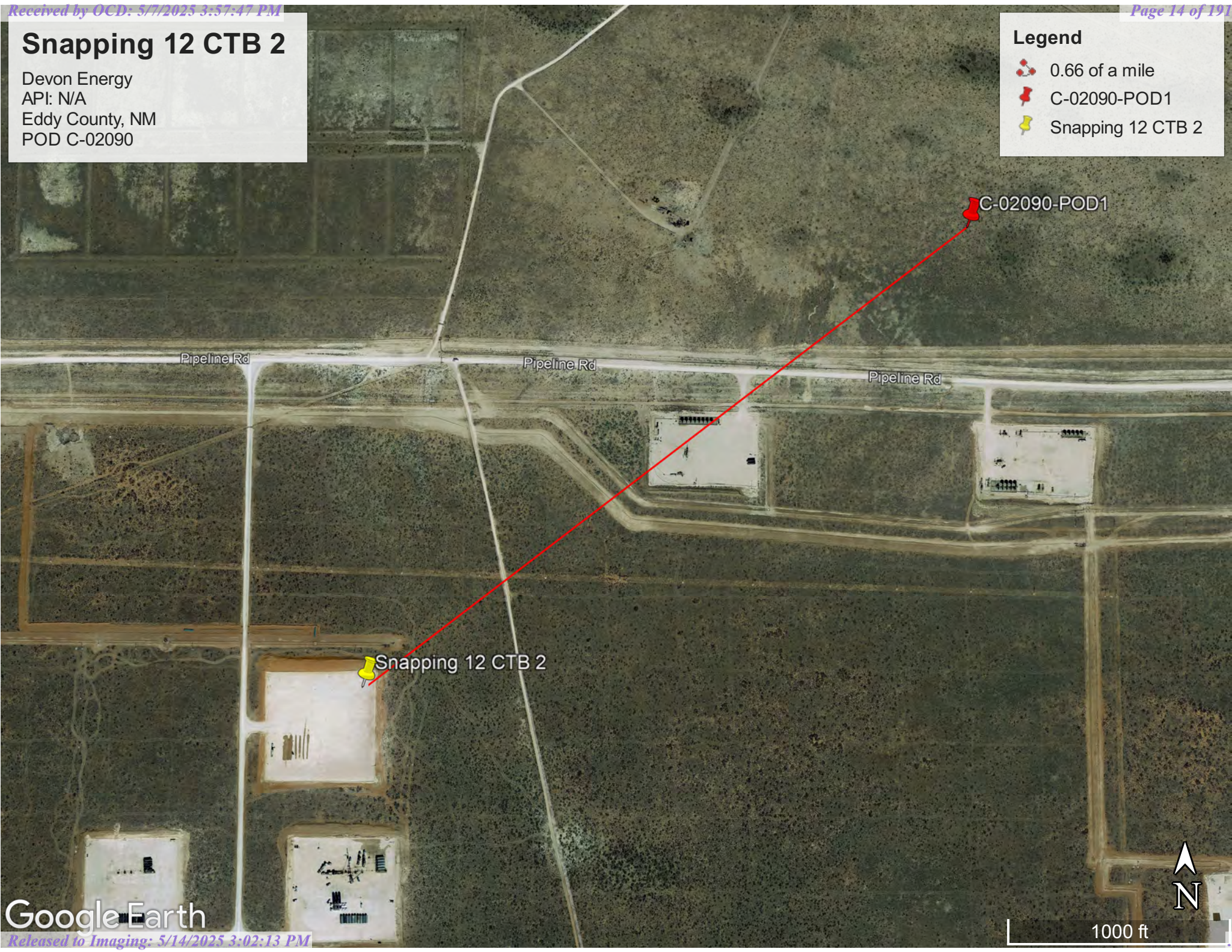
WATER COLUMN/ AVERAGE DEPTH TO WATER

Snapping 12 CTB 2

Devon Energy
API: N/A
Eddy County, NM
POD C-02090

Legend

-  0.66 of a mile
-  C-02090-POD1
-  Snapping 12 CTB 2





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National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater

Geographic Area:

United States

GO

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- 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 =

- 320330103462401

Minimum number of levels = 1

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

USGS 320330103462401 26S.31E.08.321434

Available data for this site

Groundwater: Field measurements

GO

Eddy County, New Mexico

Hydrologic Unit Code 13070001

Latitude 32°03'30", Longitude 103°46'24" NAD27

Land-surface elevation 3,251 feet above NAVD88

The depth of the well is 380 feet below land surface.

This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national aquifer.

This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

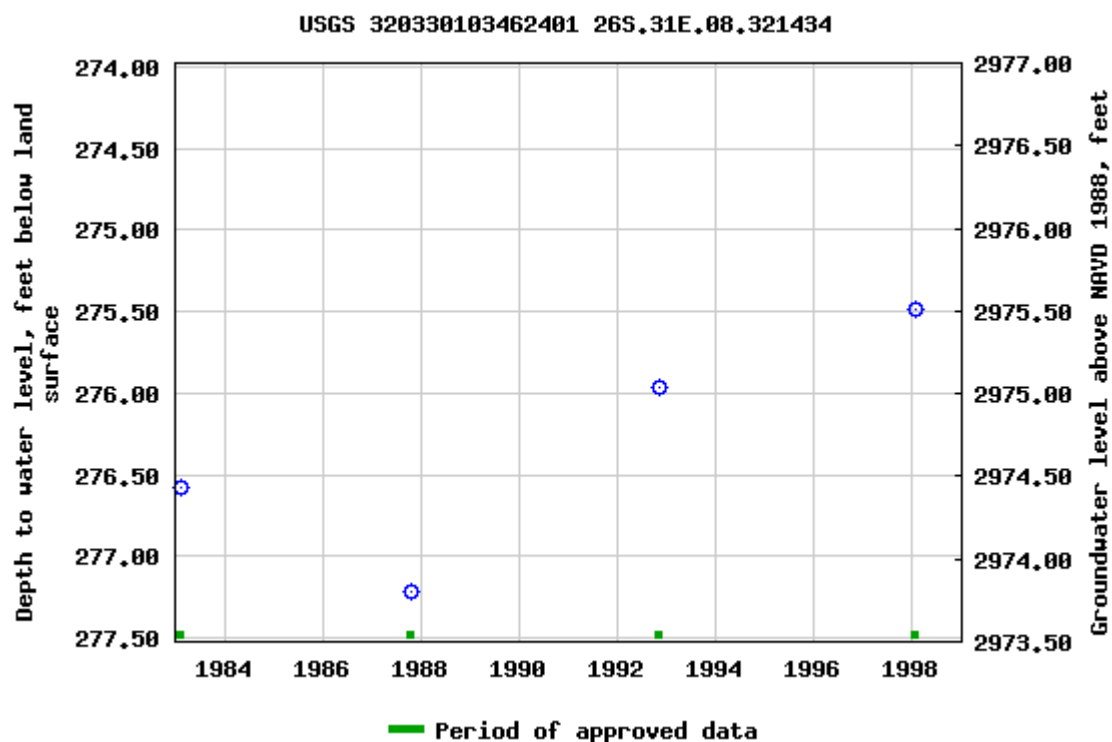
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Breaks in the plot represent a gap of at least one year between field measurements.

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Title: Groundwater for USA: Water Levels

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



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

Page Last Modified: 2023-12-14 16:54:32 EST

0.71 0.63 nadww01

Snapping 12 CTB 2

Devon Energy
API: N/A
Eddy County, NM
USGS 320330103462401

Legend

- 2.21 miles
- Snapping 12 CTB 2
- USGS 320330103462401

USGS 320330103462401

Snapping 12 CTB 2

Google Earth

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1 mi

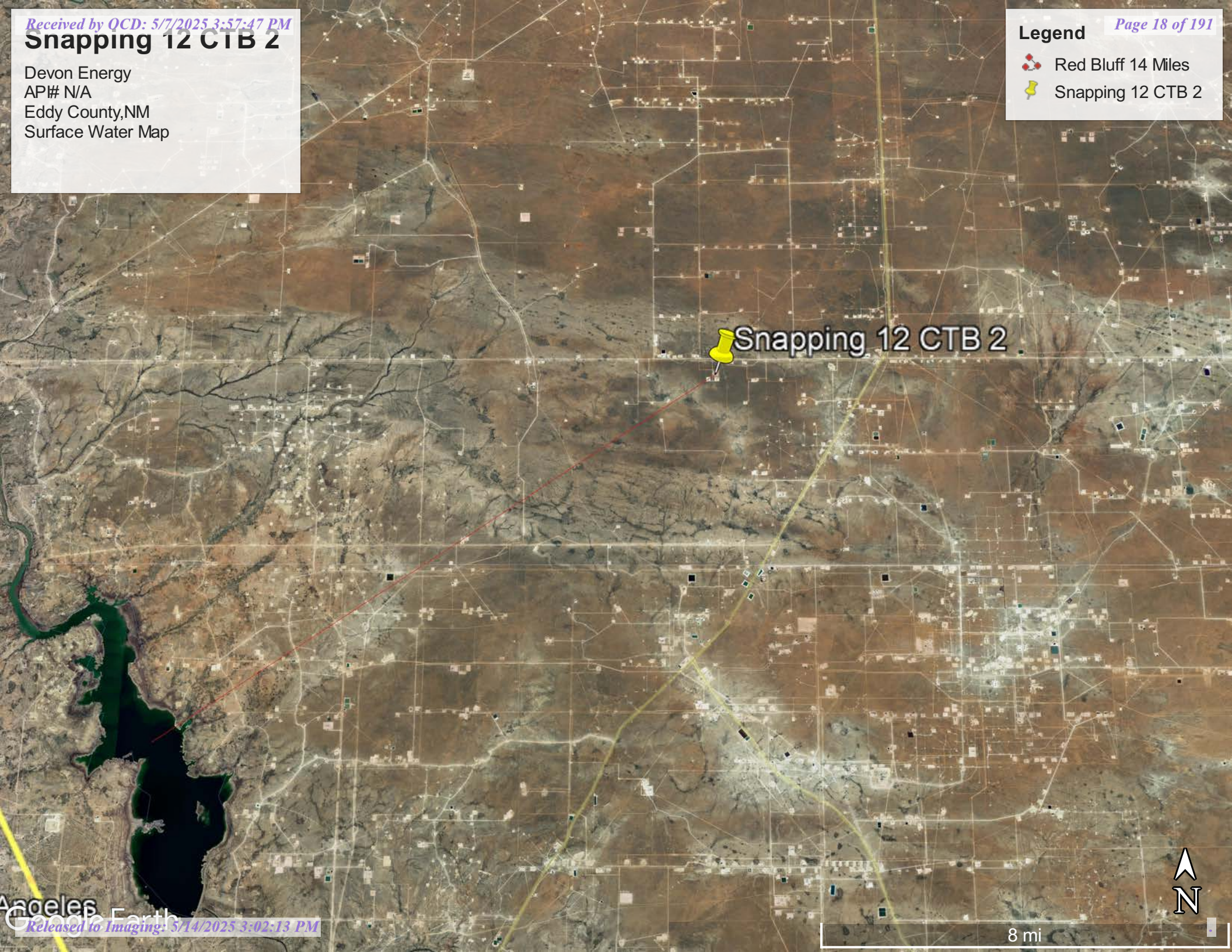
Snapping 12 CTB 2

Devon Energy
API# N/A
Eddy County, NM
Surface Water Map

Legend

 Red Bluff 14 Miles

 Snapping 12 CTB 2



 Snapping 12 CTB 2



8 mi



Pima Environmental Services

Appendix B

Soil Survey & Geological Data

FEMA Flood Map

Wetlands Map

Map Unit Description: Berino loamy fine sand, 0 to 3 percent slopes---Eddy Area, New Mexico

Eddy Area, New Mexico

BA—Berino loamy fine sand, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w42

Elevation: 2,000 to 5,700 feet

Mean annual precipitation: 6 to 14 inches

Mean annual air temperature: 57 to 70 degrees F

Frost-free period: 180 to 260 days

Farmland classification: Not prime farmland

Map Unit Composition

Berino and similar soils: 99 percent

Minor components: 1 percent

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

Description of Berino

Setting

Landform: Plains, fan piedmonts

Landform position (three-dimensional): Riser

Down-slope shape: Convex

Across-slope shape: Linear

Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 12 inches: loamy fine sand

H2 - 12 to 58 inches: sandy clay loam

H3 - 58 to 60 inches: 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

Maximum salinity: Very slightly saline to slightly saline (2.0 to 4.0 mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Moderate (about 8.4 inches)

Interpretive groups

Land capability classification (irrigated): 3e

Land capability classification (nonirrigated): 7e

Map Unit Description: Berino loamy fine sand, 0 to 3 percent slopes---Eddy Area, New Mexico

Hydrologic Soil Group: B
Ecological site: R070BC007NM - Loamy
Hydric soil rating: No

Minor Components

Pajarito

Percent of map unit: 1 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 19, Sep 7, 2023

National Flood Hazard Layer FIRMMette



103°44'24"W 32°3'53"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>
		Area of Minimal Flood Hazard <i>Zone X</i>
OTHER AREAS		Effective LOMRs
		Area of Undetermined Flood Hazard <i>Zone D</i>
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped

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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 6/24/2022 at 12:21 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



December 14, 2023

Wetlands

- | | | |
|--|---|--|
|  Estuarine and Marine Deepwater |  Freshwater Emergent Wetland |  Lake |
|  Estuarine and Marine Wetland |  Freshwater Forested/Shrub Wetland |  Other |
| |  Freshwater Pond |  Riverine |

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



Pima Environmental Services

Appendix C
48-Hour Notification



Gio PimaOil <gio@pimaoil.com>

FW: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 314982

Woodall, Dale <Dale.Woodall@dvn.com>
To: Gio PimaOil <gio@pimaoil.com>

Thu, Feb 15, 2024 at 3:03 PM

Dale Woodall

Environmental Professional**Hobbs, NM**

Office: 575-748-1838

Mobile: 405-318-4697

Dale.Woodall@dvn.com

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Thursday, February 15, 2024 3:02 PM
To: Woodall, Dale <Dale.Woodall@dvn.com>
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 314982

To whom it may concern (c/o Dale Woodall for DEVON ENERGY PRODUCTION COMPANY, LP),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2334722258.

The sampling event is expected to take place:

When: 02/19/2024 @ 08:00**Where:** F-12-26S-31E 0 FNL 0 FEL (32.060005,-103.734905)**Additional Information:** Andrew Franco -806-200-0054

Additional Instructions: From the intersection of NM 128 and County Rd 1, travel south on County Rd 1 for 10.39 miles, turn East on Pipeline Rd for 3.63 miles, turn South on lease rd for 0.32 of a mile, arriving at location.

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **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.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
[1220 South St. Francis Drive](#)

Santa Fe, NM 87505

Confidentiality Warning: This message and any attachments are intended only for the use of the intended recipient(s), are confidential, and may be privileged. If you are not the intended recipient, you are hereby notified that any review, retransmission, conversion to hard copy, copying, circulation or other use of all or any portion of this message and any attachments is strictly prohibited. If you are not the intended recipient, please notify the sender immediately by return e-mail, and delete this message and any attachments from your system.



Pima Environmental Services

Appendix D

Photographic Documentation



SITE PHOTOGRAPHS

DEVON ENERGY

Snapping 12 CTB 2

Assessment



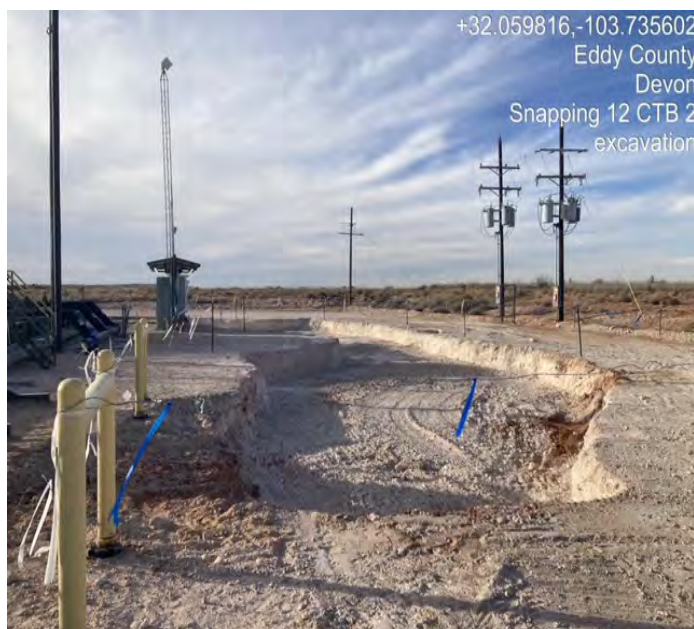


Pre Excavation





Excavation





Post Excavation



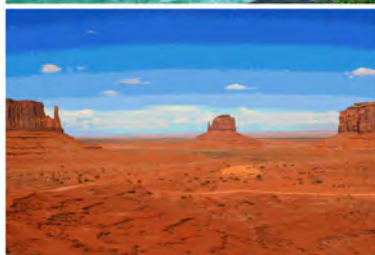


Pima Environmental Services

Appendix E

Laboratory Reports

Report to:
Tom Bynum



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Snapping 12 CTB 2

Work Order: E312119

Job Number: 01058-0007

Received: 12/18/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
12/29/23

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 12/29/23



Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Snapping 12 CTB 2
Workorder: E312119
Date Received: 12/18/2023 7:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/18/2023 7:30:00AM, under the Project Name: Snapping 12 CTB 2.

The analytical test results summarized in this report with the Project Name: Snapping 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,

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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

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

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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Snapping 12 CTB 2	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	12/29/23 10:09

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1-1'	E312119-01A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
S1-2'	E312119-02A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
S1-3'	E312119-03A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
S1-4'	E312119-04A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
S2-1'	E312119-05A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
S2-2'	E312119-06A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
S2-3'	E312119-07A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
S2-4'	E312119-08A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
S3-1'	E312119-09A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
S3-2'	E312119-10A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
S3-3'	E312119-11A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
S3-4'	E312119-12A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
S4-1'	E312119-13A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
S4-2'	E312119-14A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
S4-3'	E312119-15A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
S4-4'	E312119-16A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
S5-1'	E312119-17A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
S5-2'	E312119-18A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
S5-3'	E312119-19A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
S5-4'	E312119-20A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
S6-1'	E312119-21A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
S6-2'	E312119-22A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
S6-3'	E312119-23A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
S6-4'	E312119-24A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
SW1-Surface	E312119-25A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
SW1-6"	E312119-26A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
SW2-Surface	E312119-27A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
SW2-6"	E312119-28A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
SW3-Surface	E312119-29A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
SW3-6"	E312119-30A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
SW4-Surface	E312119-31A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
SW4-6"	E312119-32A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
SW5-Surface	E312119-33A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
SW5-6"	E312119-34A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
SW6-Surface	E312119-35A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
SW6-6"	E312119-36A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
SW7-Surface	E312119-37A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
SW7-6"	E312119-38A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
SW8-Surface	E312119-39A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
SW8-6"	E312119-40A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.



Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Snapping 12 CTB 2	Reported: 12/29/23 10:09
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW9	E312119-41A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
SW9	E312119-42A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
SW10	E312119-43A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
SW10	E312119-44A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
SW11	E312119-45A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
SW11	E312119-46A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
BG1	E312119-47A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Snapping 12 CTB 2 Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 12/29/2023 10:09:55AM
---	---	---

S1-1'

E312119-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351019
Benzene	4.95	1.25	50	12/18/23	12/27/23	
Ethylbenzene	10.3	1.25	50	12/18/23	12/27/23	
Toluene	80.3	1.25	50	12/18/23	12/27/23	
o-Xylene	31.5	1.25	50	12/18/23	12/27/23	
p,m-Xylene	133	2.50	50	12/18/23	12/27/23	
Total Xylenes	164	1.25	50	12/18/23	12/27/23	
Surrogate: Bromofluorobenzene		113 %	70-130	12/18/23	12/27/23	
Surrogate: 1,2-Dichloroethane-d4		96.5 %	70-130	12/18/23	12/27/23	
Surrogate: Toluene-d8		109 %	70-130	12/18/23	12/27/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351019
Gasoline Range Organics (C6-C10)	2020	1000	50	12/18/23	12/27/23	
Surrogate: Bromofluorobenzene		113 %	70-130	12/18/23	12/27/23	
Surrogate: 1,2-Dichloroethane-d4		96.5 %	70-130	12/18/23	12/27/23	
Surrogate: Toluene-d8		109 %	70-130	12/18/23	12/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351056
Diesel Range Organics (C10-C28)	16900	1250	50	12/20/23	12/21/23	
Oil Range Organics (C28-C36)	3190	2500	50	12/20/23	12/21/23	
Surrogate: n-Nonane		910 %	50-200	12/20/23	12/21/23	S5
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351064
Chloride	48.1	20.0	1	12/20/23	12/20/23	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/29/2023 10:09:55AM

S1-2'

E312119-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351019
Benzene	ND	0.0250	1	12/18/23	12/20/23	
Ethylbenzene	0.188	0.0250	1	12/18/23	12/20/23	
Toluene	0.392	0.0250	1	12/18/23	12/20/23	
o-Xylene	0.994	0.0250	1	12/18/23	12/20/23	
p,m-Xylene	3.31	0.0500	1	12/18/23	12/20/23	
Total Xylenes	4.31	0.0250	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		118 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		93.9 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		108 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351019
Gasoline Range Organics (C6-C10)	148	20.0	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		118 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		93.9 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		108 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351056
Diesel Range Organics (C10-C28)	1680	25.0	1	12/20/23	12/21/23	
Oil Range Organics (C28-C36)	394	50.0	1	12/20/23	12/21/23	
Surrogate: n-Nonane		113 %	50-200	12/20/23	12/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351064
Chloride	ND	20.0	1	12/20/23	12/20/23	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/29/2023 10:09:55AM

S1-3'

E312119-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351019
Benzene	ND	0.0250	1	12/18/23	12/20/23	
Ethylbenzene	ND	0.0250	1	12/18/23	12/20/23	
Toluene	0.0275	0.0250	1	12/18/23	12/20/23	
o-Xylene	ND	0.0250	1	12/18/23	12/20/23	
p,m-Xylene	0.0685	0.0500	1	12/18/23	12/20/23	
Total Xylenes	0.0685	0.0250	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene	108 %	70-130		12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4	98.4 %	70-130		12/18/23	12/20/23	
Surrogate: Toluene-d8	105 %	70-130		12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351019
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene	108 %	70-130		12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4	98.4 %	70-130		12/18/23	12/20/23	
Surrogate: Toluene-d8	105 %	70-130		12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351056
Diesel Range Organics (C10-C28)	182	25.0	1	12/20/23	12/21/23	
Oil Range Organics (C28-C36)	75.1	50.0	1	12/20/23	12/21/23	
Surrogate: n-Nonane	86.0 %	50-200		12/20/23	12/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351064
Chloride	44.9	20.0	1	12/20/23	12/20/23	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/29/2023 10:09:55AM

S1-4'

E312119-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351019
Benzene	0.0700	0.0250	1	12/18/23	12/20/23	
Ethylbenzene	ND	0.0250	1	12/18/23	12/20/23	
Toluene	0.406	0.0250	1	12/18/23	12/20/23	
o-Xylene	0.0525	0.0250	1	12/18/23	12/20/23	
p,m-Xylene	0.252	0.0500	1	12/18/23	12/20/23	
Total Xylenes	0.305	0.0250	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene	110 %	70-130		12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4	94.2 %	70-130		12/18/23	12/20/23	
Surrogate: Toluene-d8	106 %	70-130		12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351019
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene	110 %	70-130		12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4	94.2 %	70-130		12/18/23	12/20/23	
Surrogate: Toluene-d8	106 %	70-130		12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351056
Diesel Range Organics (C10-C28)	ND	25.0	1	12/20/23	12/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/20/23	12/20/23	
Surrogate: n-Nonane	83.9 %	50-200		12/20/23	12/20/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351064
Chloride	30.1	20.0	1	12/20/23	12/20/23	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/29/2023 10:09:55AM

S2-1'

E312119-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351019
Benzene	0.0580	0.0250	1	12/18/23	12/20/23	
Ethylbenzene	0.541	0.0250	1	12/18/23	12/20/23	
Toluene	0.898	0.0250	1	12/18/23	12/20/23	
o-Xylene	2.67	0.0250	1	12/18/23	12/20/23	
p,m-Xylene	8.82	0.0500	1	12/18/23	12/20/23	
Total Xylenes	11.5	0.0250	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene	123 %	70-130		12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4	99.6 %	70-130		12/18/23	12/20/23	
Surrogate: Toluene-d8	113 %	70-130		12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351019
Gasoline Range Organics (C6-C10)	240	20.0	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene	123 %	70-130		12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4	99.6 %	70-130		12/18/23	12/20/23	
Surrogate: Toluene-d8	113 %	70-130		12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351056
Diesel Range Organics (C10-C28)	2810	25.0	1	12/20/23	12/20/23	
Oil Range Organics (C28-C36)	539	50.0	1	12/20/23	12/20/23	
Surrogate: n-Nonane	134 %	50-200		12/20/23	12/20/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351064
Chloride	22.0	20.0	1	12/20/23	12/20/23	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/29/2023 10:09:55AM

S2-2'

E312119-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351019
Benzene	ND	0.0250	1	12/18/23	12/20/23	
Ethylbenzene	0.0575	0.0250	1	12/18/23	12/20/23	
Toluene	0.187	0.0250	1	12/18/23	12/20/23	
o-Xylene	0.324	0.0250	1	12/18/23	12/20/23	
p,m-Xylene	0.989	0.0500	1	12/18/23	12/20/23	
Total Xylenes	1.31	0.0250	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		116 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		105 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351019
Gasoline Range Organics (C6-C10)	80.7	20.0	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		116 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		105 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351056
Diesel Range Organics (C10-C28)	1100	25.0	1	12/20/23	12/20/23	
Oil Range Organics (C28-C36)	230	50.0	1	12/20/23	12/20/23	
Surrogate: n-Nonane		95.1 %	50-200	12/20/23	12/20/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351064
Chloride	ND	20.0	1	12/20/23	12/20/23	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/29/2023 10:09:55AM

S2-3'

E312119-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351019
Benzene	ND	0.0250	1	12/18/23	12/20/23	
Ethylbenzene	ND	0.0250	1	12/18/23	12/20/23	
Toluene	ND	0.0250	1	12/18/23	12/20/23	
o-Xylene	ND	0.0250	1	12/18/23	12/20/23	
p,m-Xylene	0.0650	0.0500	1	12/18/23	12/20/23	
Total Xylenes	0.0650	0.0250	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		107 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		106 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351019
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		107 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		106 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351056
Diesel Range Organics (C10-C28)	221	25.0	1	12/20/23	12/20/23	
Oil Range Organics (C28-C36)	75.2	50.0	1	12/20/23	12/20/23	
Surrogate: n-Nonane		83.2 %	50-200	12/20/23	12/20/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351064
Chloride	40.9	20.0	1	12/20/23	12/20/23	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/29/2023 10:09:55AM

S2-4'

E312119-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351019
Benzene	0.0995	0.0250	1	12/18/23	12/20/23	
Ethylbenzene	0.0350	0.0250	1	12/18/23	12/20/23	
Toluene	0.560	0.0250	1	12/18/23	12/20/23	
o-Xylene	0.0780	0.0250	1	12/18/23	12/20/23	
p,m-Xylene	0.345	0.0500	1	12/18/23	12/20/23	
Total Xylenes	0.423	0.0250	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene	109 %	70-130		12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4	98.7 %	70-130		12/18/23	12/20/23	
Surrogate: Toluene-d8	107 %	70-130		12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351019
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene	109 %	70-130		12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4	98.7 %	70-130		12/18/23	12/20/23	
Surrogate: Toluene-d8	107 %	70-130		12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351056
Diesel Range Organics (C10-C28)	ND	25.0	1	12/20/23	12/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/20/23	12/20/23	
Surrogate: n-Nonane	78.3 %	50-200		12/20/23	12/20/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351064
Chloride	28.3	20.0	1	12/20/23	12/20/23	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/29/2023 10:09:55AM

S3-1'

E312119-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351019
Benzene	10.6	0.500	20	12/18/23	12/20/23	
Ethylbenzene	23.0	0.500	20	12/18/23	12/20/23	
Toluene	175	0.500	20	12/18/23	12/20/23	
o-Xylene	65.4	0.500	20	12/18/23	12/20/23	
p,m-Xylene	271	1.00	20	12/18/23	12/20/23	
Total Xylenes	336	0.500	20	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene	110 %	70-130		12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4	96.8 %	70-130		12/18/23	12/20/23	
Surrogate: Toluene-d8	109 %	70-130		12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351019
Gasoline Range Organics (C6-C10)	3400	400	20	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene	110 %	70-130		12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4	96.8 %	70-130		12/18/23	12/20/23	
Surrogate: Toluene-d8	109 %	70-130		12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351056
Diesel Range Organics (C10-C28)	35500	1250	50	12/20/23	12/21/23	
Oil Range Organics (C28-C36)	5940	2500	50	12/20/23	12/21/23	
Surrogate: n-Nonane	1840 %	50-200		12/20/23	12/21/23	S5
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351064
Chloride	ND	20.0	1	12/20/23	12/20/23	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/29/2023 10:09:55AM

S3-2'

E312119-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351019
Benzene	ND	0.0250	1	12/18/23	12/20/23	
Ethylbenzene	ND	0.0250	1	12/18/23	12/20/23	
Toluene	0.0315	0.0250	1	12/18/23	12/20/23	
o-Xylene	0.0295	0.0250	1	12/18/23	12/20/23	
p,m-Xylene	0.116	0.0500	1	12/18/23	12/20/23	
Total Xylenes	0.145	0.0250	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene	109 %	70-130		12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4	96.5 %	70-130		12/18/23	12/20/23	
Surrogate: Toluene-d8	106 %	70-130		12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351019
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene	109 %	70-130		12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4	96.5 %	70-130		12/18/23	12/20/23	
Surrogate: Toluene-d8	106 %	70-130		12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351056
Diesel Range Organics (C10-C28)	845	25.0	1	12/20/23	12/21/23	
Oil Range Organics (C28-C36)	192	50.0	1	12/20/23	12/21/23	
Surrogate: n-Nonane	89.1 %	50-200		12/20/23	12/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351064
Chloride	ND	20.0	1	12/20/23	12/20/23	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/29/2023 10:09:55AM

S3-3'

E312119-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351019
Benzene	ND	0.0250	1	12/18/23	12/20/23	
Ethylbenzene	ND	0.0250	1	12/18/23	12/20/23	
Toluene	ND	0.0250	1	12/18/23	12/20/23	
o-Xylene	ND	0.0250	1	12/18/23	12/20/23	
p,m-Xylene	ND	0.0500	1	12/18/23	12/20/23	
Total Xylenes	ND	0.0250	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		109 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		106 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351019
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		109 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		106 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351056
Diesel Range Organics (C10-C28)	221	25.0	1	12/20/23	12/21/23	
Oil Range Organics (C28-C36)	67.4	50.0	1	12/20/23	12/21/23	
Surrogate: n-Nonane		84.2 %	50-200	12/20/23	12/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351064
Chloride	38.8	20.0	1	12/20/23	12/20/23	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/29/2023 10:09:55AM

S3-4'

E312119-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351019
Benzene	ND	0.0250	1	12/18/23	12/20/23	
Ethylbenzene	ND	0.0250	1	12/18/23	12/20/23	
Toluene	0.0395	0.0250	1	12/18/23	12/20/23	
o-Xylene	ND	0.0250	1	12/18/23	12/20/23	
p,m-Xylene	ND	0.0500	1	12/18/23	12/20/23	
Total Xylenes	ND	0.0250	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		109 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		106 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351019
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		109 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		106 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351056
Diesel Range Organics (C10-C28)	ND	25.0	1	12/20/23	12/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/20/23	12/21/23	
Surrogate: n-Nonane		85.4 %	50-200	12/20/23	12/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351064
Chloride	21.7	20.0	1	12/20/23	12/20/23	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/29/2023 10:09:55AM

S4-1'

E312119-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351019
Benzene	ND	0.0250	1	12/18/23	12/20/23	
Ethylbenzene	ND	0.0250	1	12/18/23	12/20/23	
Toluene	ND	0.0250	1	12/18/23	12/20/23	
o-Xylene	ND	0.0250	1	12/18/23	12/20/23	
p,m-Xylene	ND	0.0500	1	12/18/23	12/20/23	
Total Xylenes	ND	0.0250	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		109 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		105 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351019
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		109 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		105 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351056
Diesel Range Organics (C10-C28)	30.1	25.0	1	12/20/23	12/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/20/23	12/21/23	
Surrogate: n-Nonane		83.7 %	50-200	12/20/23	12/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351064
Chloride	58.8	20.0	1	12/20/23	12/20/23	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/29/2023 10:09:55AM

S4-2'

E312119-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351019
Benzene	ND	0.0250	1	12/18/23	12/20/23	
Ethylbenzene	0.533	0.0250	1	12/18/23	12/20/23	
Toluene	0.469	0.0250	1	12/18/23	12/20/23	
o-Xylene	2.47	0.0250	1	12/18/23	12/20/23	
p,m-Xylene	8.71	0.0500	1	12/18/23	12/20/23	
Total Xylenes	11.2	0.0250	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		116 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		114 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351019
Gasoline Range Organics (C6-C10)	193	20.0	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		116 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		114 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351056
Diesel Range Organics (C10-C28)	3010	25.0	1	12/20/23	12/21/23	
Oil Range Organics (C28-C36)	537	50.0	1	12/20/23	12/21/23	
Surrogate: n-Nonane		154 %	50-200	12/20/23	12/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351064
Chloride	ND	20.0	1	12/20/23	12/20/23	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/29/2023 10:09:55AM

S4-3'

E312119-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351019
Benzene	ND	0.0250	1	12/18/23	12/20/23	
Ethylbenzene	ND	0.0250	1	12/18/23	12/20/23	
Toluene	ND	0.0250	1	12/18/23	12/20/23	
o-Xylene	ND	0.0250	1	12/18/23	12/20/23	
p,m-Xylene	ND	0.0500	1	12/18/23	12/20/23	
Total Xylenes	ND	0.0250	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		110 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		106 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351019
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		110 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		106 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351056
Diesel Range Organics (C10-C28)	287	25.0	1	12/20/23	12/21/23	
Oil Range Organics (C28-C36)	86.7	50.0	1	12/20/23	12/21/23	
Surrogate: n-Nonane		86.9 %	50-200	12/20/23	12/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351064
Chloride	39.0	20.0	1	12/20/23	12/20/23	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/29/2023 10:09:55AM

S4-4'

E312119-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351019
Benzene	ND	0.0250	1	12/18/23	12/20/23	
Ethylbenzene	ND	0.0250	1	12/18/23	12/20/23	
Toluene	0.0285	0.0250	1	12/18/23	12/20/23	
o-Xylene	ND	0.0250	1	12/18/23	12/20/23	
p,m-Xylene	ND	0.0500	1	12/18/23	12/20/23	
Total Xylenes	ND	0.0250	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		107 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		108 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351019
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		107 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		108 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351056
Diesel Range Organics (C10-C28)	ND	25.0	1	12/20/23	12/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/20/23	12/21/23	
Surrogate: n-Nonane		85.8 %	50-200	12/20/23	12/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351064
Chloride	20.9	20.0	1	12/20/23	12/20/23	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/29/2023 10:09:55AM

S5-1'

E312119-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351019
Benzene	5.90	1.25	50	12/18/23	12/20/23	
Ethylbenzene	14.7	1.25	50	12/18/23	12/20/23	
Toluene	109	1.25	50	12/18/23	12/20/23	
o-Xylene	43.6	1.25	50	12/18/23	12/20/23	
p,m-Xylene	181	2.50	50	12/18/23	12/20/23	
Total Xylenes	224	1.25	50	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		109 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		105 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351019
Gasoline Range Organics (C6-C10)	2300	1000	50	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		109 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		105 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351056
Diesel Range Organics (C10-C28)	24100	1250	50	12/20/23	12/21/23	
Oil Range Organics (C28-C36)	4020	2500	50	12/20/23	12/21/23	
Surrogate: n-Nonane		1210 %	50-200	12/20/23	12/21/23	S5
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351064
Chloride	ND	20.0	1	12/20/23	12/20/23	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/29/2023 10:09:55AM

S5-2'

E312119-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351019
Benzene	ND	0.0250	1	12/18/23	12/20/23	
Ethylbenzene	0.485	0.0250	1	12/18/23	12/20/23	
Toluene	0.776	0.0250	1	12/18/23	12/20/23	
o-Xylene	1.98	0.0250	1	12/18/23	12/20/23	
p,m-Xylene	7.23	0.0500	1	12/18/23	12/20/23	
Total Xylenes	9.21	0.0250	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		119 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		115 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351019
Gasoline Range Organics (C6-C10)	235	20.0	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		119 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		115 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351056
Diesel Range Organics (C10-C28)	1910	25.0	1	12/20/23	12/21/23	
Oil Range Organics (C28-C36)	346	50.0	1	12/20/23	12/21/23	
Surrogate: n-Nonane		131 %	50-200	12/20/23	12/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351064
Chloride	ND	20.0	1	12/20/23	12/20/23	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/29/2023 10:09:55AM

S5-3'

E312119-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351019
Benzene	0.0320	0.0250	1	12/18/23	12/20/23	
Ethylbenzene	ND	0.0250	1	12/18/23	12/20/23	
Toluene	0.186	0.0250	1	12/18/23	12/20/23	
o-Xylene	ND	0.0250	1	12/18/23	12/20/23	
p,m-Xylene	0.110	0.0500	1	12/18/23	12/20/23	
Total Xylenes	0.110	0.0250	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		107 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		105 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351019
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		107 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		105 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351056
Diesel Range Organics (C10-C28)	ND	25.0	1	12/20/23	12/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/20/23	12/21/23	
Surrogate: n-Nonane		83.5 %	50-200	12/20/23	12/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351064
Chloride	30.7	20.0	1	12/20/23	12/20/23	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/29/2023 10:09:55AM

S5-4'

E312119-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351019
Benzene	ND	0.0250	1	12/18/23	12/20/23	
Ethylbenzene	ND	0.0250	1	12/18/23	12/20/23	
Toluene	0.221	0.0250	1	12/18/23	12/20/23	
o-Xylene	0.0265	0.0250	1	12/18/23	12/20/23	
p,m-Xylene	0.141	0.0500	1	12/18/23	12/20/23	
Total Xylenes	0.167	0.0250	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		107 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		108 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351019
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		107 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		108 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351056
Diesel Range Organics (C10-C28)	ND	25.0	1	12/20/23	12/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/20/23	12/21/23	
Surrogate: n-Nonane		89.9 %	50-200	12/20/23	12/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351064
Chloride	26.2	20.0	1	12/20/23	12/21/23	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/29/2023 10:09:55AM

S6-1'

E312119-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351020
Benzene	ND	0.0250	1	12/18/23	12/20/23	
Ethylbenzene	ND	0.0250	1	12/18/23	12/20/23	
Toluene	ND	0.0250	1	12/18/23	12/20/23	
o-Xylene	0.0405	0.0250	1	12/18/23	12/20/23	
p,m-Xylene	0.113	0.0500	1	12/18/23	12/20/23	
Total Xylenes	0.154	0.0250	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		124 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		93.1 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		108 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351020
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		124 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		93.1 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		108 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351057
Diesel Range Organics (C10-C28)	402	25.0	1	12/20/23	12/20/23	
Oil Range Organics (C28-C36)	88.5	50.0	1	12/20/23	12/20/23	
Surrogate: n-Nonane		97.3 %	50-200	12/20/23	12/20/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2351065
Chloride	21.0	20.0	1	12/20/23	12/21/23	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/29/2023 10:09:55AM

S6-2'

E312119-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351020
Benzene	ND	0.0250	1	12/18/23	12/20/23	
Ethylbenzene	0.897	0.0250	1	12/18/23	12/20/23	
Toluene	0.969	0.0250	1	12/18/23	12/20/23	
o-Xylene	3.63	0.0250	1	12/18/23	12/20/23	
p,m-Xylene	13.3	0.0500	1	12/18/23	12/20/23	
Total Xylenes	16.9	0.0250	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene	153 %	70-130		12/18/23	12/20/23	S5
Surrogate: 1,2-Dichloroethane-d4	97.4 %	70-130		12/18/23	12/20/23	
Surrogate: Toluene-d8	123 %	70-130		12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351020
Gasoline Range Organics (C6-C10)	308	20.0	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene	153 %	70-130		12/18/23	12/20/23	S5
Surrogate: 1,2-Dichloroethane-d4	97.4 %	70-130		12/18/23	12/20/23	
Surrogate: Toluene-d8	123 %	70-130		12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351057
Diesel Range Organics (C10-C28)	2710	25.0	1	12/20/23	12/20/23	
Oil Range Organics (C28-C36)	604	50.0	1	12/20/23	12/20/23	
Surrogate: n-Nonane	186 %	50-200		12/20/23	12/20/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2351065
Chloride	ND	20.0	1	12/20/23	12/21/23	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/29/2023 10:09:55AM

S6-3'

E312119-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351020
Benzene	ND	0.0250	1	12/18/23	12/20/23	
Ethylbenzene	ND	0.0250	1	12/18/23	12/20/23	
Toluene	ND	0.0250	1	12/18/23	12/20/23	
o-Xylene	ND	0.0250	1	12/18/23	12/20/23	
p,m-Xylene	ND	0.0500	1	12/18/23	12/20/23	
Total Xylenes	ND	0.0250	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		116 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		93.4 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		108 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351020
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		116 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		93.4 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		108 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351057
Diesel Range Organics (C10-C28)	55.3	25.0	1	12/20/23	12/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/20/23	12/20/23	
Surrogate: n-Nonane		93.2 %	50-200	12/20/23	12/20/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2351065
Chloride	40.4	20.0	1	12/20/23	12/21/23	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/29/2023 10:09:55AM

S6-4'

E312119-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351020
Benzene	ND	0.0250	1	12/18/23	12/20/23	
Ethylbenzene	ND	0.0250	1	12/18/23	12/20/23	
Toluene	0.194	0.0250	1	12/18/23	12/20/23	
o-Xylene	0.0305	0.0250	1	12/18/23	12/20/23	
p,m-Xylene	0.152	0.0500	1	12/18/23	12/20/23	
Total Xylenes	0.182	0.0250	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		119 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		109 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351020
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		119 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		109 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351057
Diesel Range Organics (C10-C28)	ND	25.0	1	12/20/23	12/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/20/23	12/20/23	
Surrogate: n-Nonane		92.4 %	50-200	12/20/23	12/20/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2351065
Chloride	31.1	20.0	1	12/20/23	12/21/23	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/29/2023 10:09:55AM

SW1-Surface

E312119-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351020
Benzene	ND	0.0250	1	12/18/23	12/20/23	
Ethylbenzene	ND	0.0250	1	12/18/23	12/20/23	
Toluene	ND	0.0250	1	12/18/23	12/20/23	
o-Xylene	ND	0.0250	1	12/18/23	12/20/23	
p,m-Xylene	ND	0.0500	1	12/18/23	12/20/23	
Total Xylenes	ND	0.0250	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		118 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		108 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351020
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		118 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		108 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351057
Diesel Range Organics (C10-C28)	ND	25.0	1	12/20/23	12/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/20/23	12/20/23	
Surrogate: n-Nonane		93.2 %	50-200	12/20/23	12/20/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2351065
Chloride	ND	20.0	1	12/20/23	12/21/23	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/29/2023 10:09:55AM

SW1-6"

E312119-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351020
Benzene	ND	0.0250	1	12/18/23	12/20/23	
Ethylbenzene	ND	0.0250	1	12/18/23	12/20/23	
Toluene	ND	0.0250	1	12/18/23	12/20/23	
o-Xylene	ND	0.0250	1	12/18/23	12/20/23	
p,m-Xylene	ND	0.0500	1	12/18/23	12/20/23	
Total Xylenes	ND	0.0250	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		116 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		109 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351020
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		116 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		109 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351057
Diesel Range Organics (C10-C28)	ND	25.0	1	12/20/23	12/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/20/23	12/20/23	
Surrogate: n-Nonane		89.6 %	50-200	12/20/23	12/20/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2351065
Chloride	ND	20.0	1	12/20/23	12/21/23	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/29/2023 10:09:55AM

SW2-Surface

E312119-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351020
Benzene	ND	0.0250	1	12/18/23	12/20/23	
Ethylbenzene	ND	0.0250	1	12/18/23	12/20/23	
Toluene	ND	0.0250	1	12/18/23	12/20/23	
o-Xylene	ND	0.0250	1	12/18/23	12/20/23	
p,m-Xylene	ND	0.0500	1	12/18/23	12/20/23	
Total Xylenes	ND	0.0250	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		120 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		90.0 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		107 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351020
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		120 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		90.0 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		107 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351057
Diesel Range Organics (C10-C28)	ND	25.0	1	12/20/23	12/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/20/23	12/20/23	
Surrogate: n-Nonane		91.3 %	50-200	12/20/23	12/20/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2351065
Chloride	ND	20.0	1	12/20/23	12/21/23	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/29/2023 10:09:55AM

SW2-6"

E312119-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351020
Benzene	ND	0.0250	1	12/18/23	12/20/23	
Ethylbenzene	ND	0.0250	1	12/18/23	12/20/23	
Toluene	ND	0.0250	1	12/18/23	12/20/23	
o-Xylene	ND	0.0250	1	12/18/23	12/20/23	
p,m-Xylene	ND	0.0500	1	12/18/23	12/20/23	
Total Xylenes	ND	0.0250	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		117 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		108 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351020
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		117 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		108 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351057
Diesel Range Organics (C10-C28)	ND	25.0	1	12/20/23	12/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/20/23	12/20/23	
Surrogate: n-Nonane		92.9 %	50-200	12/20/23	12/20/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2351065
Chloride	ND	20.0	1	12/20/23	12/21/23	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/29/2023 10:09:55AM

SW3-Surface

E312119-29

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351020
Benzene	ND	0.0250	1	12/18/23	12/20/23	
Ethylbenzene	ND	0.0250	1	12/18/23	12/20/23	
Toluene	ND	0.0250	1	12/18/23	12/20/23	
o-Xylene	ND	0.0250	1	12/18/23	12/20/23	
p,m-Xylene	ND	0.0500	1	12/18/23	12/20/23	
Total Xylenes	ND	0.0250	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		120 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		107 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351020
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		120 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		107 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351057
Diesel Range Organics (C10-C28)	ND	25.0	1	12/20/23	12/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/20/23	12/21/23	
Surrogate: n-Nonane		93.1 %	50-200	12/20/23	12/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2351065
Chloride	ND	20.0	1	12/20/23	12/21/23	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/29/2023 10:09:55AM

SW3-6"

E312119-30

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351020
Benzene	ND	0.0250	1	12/18/23	12/20/23	
Ethylbenzene	ND	0.0250	1	12/18/23	12/20/23	
Toluene	ND	0.0250	1	12/18/23	12/20/23	
o-Xylene	ND	0.0250	1	12/18/23	12/20/23	
p,m-Xylene	ND	0.0500	1	12/18/23	12/20/23	
Total Xylenes	ND	0.0250	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		117 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		111 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351020
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		117 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		111 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351057
Diesel Range Organics (C10-C28)	ND	25.0	1	12/20/23	12/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/20/23	12/21/23	
Surrogate: n-Nonane		92.9 %	50-200	12/20/23	12/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2351065
Chloride	ND	20.0	1	12/20/23	12/21/23	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/29/2023 10:09:55AM

SW4-Surface

E312119-31

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351020
Benzene	ND	0.0250	1	12/18/23	12/20/23	
Ethylbenzene	ND	0.0250	1	12/18/23	12/20/23	
Toluene	ND	0.0250	1	12/18/23	12/20/23	
o-Xylene	ND	0.0250	1	12/18/23	12/20/23	
p,m-Xylene	ND	0.0500	1	12/18/23	12/20/23	
Total Xylenes	ND	0.0250	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		118 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		94.0 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		107 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351020
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		118 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		94.0 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		107 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351057
Diesel Range Organics (C10-C28)	ND	25.0	1	12/20/23	12/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/20/23	12/21/23	
Surrogate: n-Nonane		92.0 %	50-200	12/20/23	12/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2351065
Chloride	ND	20.0	1	12/20/23	12/21/23	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/29/2023 10:09:55AM

SW4-6"

E312119-32

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351020
Benzene	ND	0.0250	1	12/18/23	12/20/23	
Ethylbenzene	ND	0.0250	1	12/18/23	12/20/23	
Toluene	ND	0.0250	1	12/18/23	12/20/23	
o-Xylene	ND	0.0250	1	12/18/23	12/20/23	
p,m-Xylene	ND	0.0500	1	12/18/23	12/20/23	
Total Xylenes	ND	0.0250	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		118 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		93.4 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		108 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351020
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		118 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		93.4 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		108 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351057
Diesel Range Organics (C10-C28)	ND	25.0	1	12/20/23	12/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/20/23	12/21/23	
Surrogate: n-Nonane		94.8 %	50-200	12/20/23	12/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2351065
Chloride	ND	20.0	1	12/20/23	12/21/23	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/29/2023 10:09:55AM

SW5-Surface

E312119-33

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351020
Benzene	ND	0.0250	1	12/18/23	12/20/23	
Ethylbenzene	ND	0.0250	1	12/18/23	12/20/23	
Toluene	ND	0.0250	1	12/18/23	12/20/23	
o-Xylene	ND	0.0250	1	12/18/23	12/20/23	
p,m-Xylene	ND	0.0500	1	12/18/23	12/20/23	
Total Xylenes	ND	0.0250	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		118 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		108 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351020
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		118 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		108 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351057
Diesel Range Organics (C10-C28)	ND	25.0	1	12/20/23	12/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/20/23	12/21/23	
Surrogate: n-Nonane		94.5 %	50-200	12/20/23	12/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2351065
Chloride	ND	20.0	1	12/20/23	12/21/23	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/29/2023 10:09:55AM

SW5-6"

E312119-34

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351020
Benzene	ND	0.0250	1	12/18/23	12/20/23	
Ethylbenzene	ND	0.0250	1	12/18/23	12/20/23	
Toluene	ND	0.0250	1	12/18/23	12/20/23	
o-Xylene	ND	0.0250	1	12/18/23	12/20/23	
p,m-Xylene	ND	0.0500	1	12/18/23	12/20/23	
Total Xylenes	ND	0.0250	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		119 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		95.2 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		107 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351020
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		119 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		95.2 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		107 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351057
Diesel Range Organics (C10-C28)	ND	25.0	1	12/20/23	12/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/20/23	12/21/23	
Surrogate: n-Nonane		93.2 %	50-200	12/20/23	12/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2351065
Chloride	ND	20.0	1	12/20/23	12/21/23	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/29/2023 10:09:55AM

SW6-Surface

E312119-35

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351020
Benzene	ND	0.0250	1	12/18/23	12/20/23	
Ethylbenzene	ND	0.0250	1	12/18/23	12/20/23	
Toluene	ND	0.0250	1	12/18/23	12/20/23	
o-Xylene	ND	0.0250	1	12/18/23	12/20/23	
p,m-Xylene	ND	0.0500	1	12/18/23	12/20/23	
Total Xylenes	ND	0.0250	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		122 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		94.9 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		108 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351020
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		122 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		94.9 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		108 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351057
Diesel Range Organics (C10-C28)	ND	25.0	1	12/20/23	12/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/20/23	12/21/23	
Surrogate: n-Nonane		92.9 %	50-200	12/20/23	12/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2351065
Chloride	ND	20.0	1	12/20/23	12/21/23	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/29/2023 10:09:55AM

SW6-6"

E312119-36

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351020
Benzene	ND	0.0250	1	12/18/23	12/20/23	
Ethylbenzene	ND	0.0250	1	12/18/23	12/20/23	
Toluene	ND	0.0250	1	12/18/23	12/20/23	
o-Xylene	ND	0.0250	1	12/18/23	12/20/23	
p,m-Xylene	ND	0.0500	1	12/18/23	12/20/23	
Total Xylenes	ND	0.0250	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		118 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		107 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351020
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		118 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		107 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351057
Diesel Range Organics (C10-C28)	ND	25.0	1	12/20/23	12/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/20/23	12/21/23	
Surrogate: n-Nonane		93.0 %	50-200	12/20/23	12/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2351065
Chloride	ND	20.0	1	12/20/23	12/21/23	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/29/2023 10:09:55AM

SW7-Surface

E312119-37

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351020
Benzene	ND	0.0250	1	12/18/23	12/20/23	
Ethylbenzene	ND	0.0250	1	12/18/23	12/20/23	
Toluene	ND	0.0250	1	12/18/23	12/20/23	
o-Xylene	ND	0.0250	1	12/18/23	12/20/23	
p,m-Xylene	ND	0.0500	1	12/18/23	12/20/23	
Total Xylenes	ND	0.0250	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		119 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		108 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351020
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		119 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		108 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351057
Diesel Range Organics (C10-C28)	ND	25.0	1	12/20/23	12/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/20/23	12/21/23	
Surrogate: n-Nonane		92.3 %	50-200	12/20/23	12/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2351065
Chloride	ND	20.0	1	12/20/23	12/22/23	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/29/2023 10:09:55AM

SW7-6"

E312119-38

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351020
Benzene	ND	0.0250	1	12/18/23	12/20/23	
Ethylbenzene	ND	0.0250	1	12/18/23	12/20/23	
Toluene	ND	0.0250	1	12/18/23	12/20/23	
o-Xylene	ND	0.0250	1	12/18/23	12/20/23	
p,m-Xylene	ND	0.0500	1	12/18/23	12/20/23	
Total Xylenes	ND	0.0250	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		117 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		106 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351020
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		117 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		106 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351057
Diesel Range Organics (C10-C28)	ND	25.0	1	12/20/23	12/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/20/23	12/21/23	
Surrogate: n-Nonane		89.4 %	50-200	12/20/23	12/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2351065
Chloride	ND	20.0	1	12/20/23	12/22/23	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/29/2023 10:09:55AM

SW8-Surface

E312119-39

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351020
Benzene	ND	0.0250	1	12/18/23	12/20/23	
Ethylbenzene	ND	0.0250	1	12/18/23	12/20/23	
Toluene	ND	0.0250	1	12/18/23	12/20/23	
o-Xylene	ND	0.0250	1	12/18/23	12/20/23	
p,m-Xylene	ND	0.0500	1	12/18/23	12/20/23	
Total Xylenes	ND	0.0250	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		117 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		92.7 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		108 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351020
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		117 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		92.7 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		108 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351057
Diesel Range Organics (C10-C28)	ND	25.0	1	12/20/23	12/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/20/23	12/21/23	
Surrogate: n-Nonane		89.6 %	50-200	12/20/23	12/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2351065
Chloride	ND	20.0	1	12/20/23	12/22/23	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/29/2023 10:09:55AM

SW8-6"

E312119-40

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351020
Benzene	ND	0.0250	1	12/18/23	12/20/23	
Ethylbenzene	ND	0.0250	1	12/18/23	12/20/23	
Toluene	ND	0.0250	1	12/18/23	12/20/23	
o-Xylene	ND	0.0250	1	12/18/23	12/20/23	
p,m-Xylene	ND	0.0500	1	12/18/23	12/20/23	
Total Xylenes	ND	0.0250	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		118 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		108 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351020
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/23	12/20/23	
Surrogate: Bromofluorobenzene		118 %	70-130	12/18/23	12/20/23	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130	12/18/23	12/20/23	
Surrogate: Toluene-d8		108 %	70-130	12/18/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351057
Diesel Range Organics (C10-C28)	ND	25.0	1	12/20/23	12/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/20/23	12/21/23	
Surrogate: n-Nonane		93.1 %	50-200	12/20/23	12/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2351065
Chloride	ND	20.0	1	12/20/23	12/22/23	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/29/2023 10:09:55AM

SW9

E312119-41

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351042
Benzene	ND	0.0250	1	12/19/23	12/20/23	
Ethylbenzene	ND	0.0250	1	12/19/23	12/20/23	
Toluene	ND	0.0250	1	12/19/23	12/20/23	
o-Xylene	ND	0.0250	1	12/19/23	12/20/23	
p,m-Xylene	ND	0.0500	1	12/19/23	12/20/23	
Total Xylenes	ND	0.0250	1	12/19/23	12/20/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.1 %	70-130		12/19/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351042
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/19/23	12/20/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.0 %	70-130		12/19/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351058
Diesel Range Organics (C10-C28)	ND	25.0	1	12/20/23	12/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/20/23	12/21/23	
<i>Surrogate: n-Nonane</i>						
	99.7 %	50-200		12/20/23	12/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351069
Chloride	ND	20.0	1	12/20/23	12/21/23	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/29/2023 10:09:55AM

SW9

E312119-42

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351042
Benzene	ND	0.0250	1	12/19/23	12/20/23	
Ethylbenzene	ND	0.0250	1	12/19/23	12/20/23	
Toluene	ND	0.0250	1	12/19/23	12/20/23	
o-Xylene	ND	0.0250	1	12/19/23	12/20/23	
p,m-Xylene	ND	0.0500	1	12/19/23	12/20/23	
Total Xylenes	ND	0.0250	1	12/19/23	12/20/23	
Surrogate: 4-Bromochlorobenzene-PID	93.5 %	70-130		12/19/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351042
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/19/23	12/20/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.4 %	70-130		12/19/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351058
Diesel Range Organics (C10-C28)	ND	25.0	1	12/20/23	12/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/20/23	12/21/23	
Surrogate: n-Nonane	94.9 %	50-200		12/20/23	12/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351069
Chloride	ND	20.0	1	12/20/23	12/21/23	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/29/2023 10:09:55AM

SW10

E312119-43

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351042
Benzene	ND	0.0250	1	12/19/23	12/20/23	
Ethylbenzene	ND	0.0250	1	12/19/23	12/20/23	
Toluene	ND	0.0250	1	12/19/23	12/20/23	
o-Xylene	ND	0.0250	1	12/19/23	12/20/23	
p,m-Xylene	ND	0.0500	1	12/19/23	12/20/23	
Total Xylenes	ND	0.0250	1	12/19/23	12/20/23	
Surrogate: 4-Bromochlorobenzene-PID	93.5 %	70-130		12/19/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351042
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/19/23	12/20/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.2 %	70-130		12/19/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351058
Diesel Range Organics (C10-C28)	ND	25.0	1	12/20/23	12/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/20/23	12/21/23	
Surrogate: n-Nonane	97.9 %	50-200		12/20/23	12/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351069
Chloride	ND	20.0	1	12/20/23	12/21/23	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/29/2023 10:09:55AM

SW10

E312119-44

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351042
Benzene	ND	0.0250	1	12/19/23	12/20/23	
Ethylbenzene	ND	0.0250	1	12/19/23	12/20/23	
Toluene	ND	0.0250	1	12/19/23	12/20/23	
o-Xylene	ND	0.0250	1	12/19/23	12/20/23	
p,m-Xylene	ND	0.0500	1	12/19/23	12/20/23	
Total Xylenes	ND	0.0250	1	12/19/23	12/20/23	
Surrogate: 4-Bromochlorobenzene-PID	93.4 %	70-130		12/19/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351042
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/19/23	12/20/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.8 %	70-130		12/19/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351058
Diesel Range Organics (C10-C28)	ND	25.0	1	12/20/23	12/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/20/23	12/21/23	
Surrogate: n-Nonane	98.5 %	50-200		12/20/23	12/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351069
Chloride	ND	20.0	1	12/20/23	12/21/23	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/29/2023 10:09:55AM

SW11

E312119-45

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351042
Benzene	ND	0.0250	1	12/19/23	12/20/23	
Ethylbenzene	ND	0.0250	1	12/19/23	12/20/23	
Toluene	ND	0.0250	1	12/19/23	12/20/23	
o-Xylene	ND	0.0250	1	12/19/23	12/20/23	
p,m-Xylene	ND	0.0500	1	12/19/23	12/20/23	
Total Xylenes	ND	0.0250	1	12/19/23	12/20/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.6 %	70-130		12/19/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351042
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/19/23	12/20/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.4 %	70-130		12/19/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351058
Diesel Range Organics (C10-C28)	ND	25.0	1	12/20/23	12/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/20/23	12/21/23	
<i>Surrogate: n-Nonane</i>						
	100 %	50-200		12/20/23	12/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351069
Chloride	ND	20.0	1	12/20/23	12/21/23	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
12/29/2023 10:09:55AM

SW11

E312119-46

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351042
Benzene	ND	0.0250	1	12/19/23	12/20/23	
Ethylbenzene	ND	0.0250	1	12/19/23	12/20/23	
Toluene	ND	0.0250	1	12/19/23	12/20/23	
o-Xylene	ND	0.0250	1	12/19/23	12/20/23	
p,m-Xylene	ND	0.0500	1	12/19/23	12/20/23	
Total Xylenes	ND	0.0250	1	12/19/23	12/20/23	
Surrogate: 4-Bromochlorobenzene-PID	93.9 %	70-130		12/19/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2351042
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/19/23	12/20/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	90.9 %	70-130		12/19/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2351058
Diesel Range Organics (C10-C28)	ND	25.0	1	12/20/23	12/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/20/23	12/21/23	
Surrogate: n-Nonane	97.6 %	50-200		12/20/23	12/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2351069
Chloride	ND	20.0	1	12/20/23	12/21/23	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Snapping 12 CTB 2	Reported: 12/29/2023 10:09:55AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

BG1

E312119-47

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2351042	
Benzene	ND	0.0250	1	12/19/23	12/20/23	
Ethylbenzene	ND	0.0250	1	12/19/23	12/20/23	
Toluene	ND	0.0250	1	12/19/23	12/20/23	
o-Xylene	ND	0.0250	1	12/19/23	12/20/23	
p,m-Xylene	ND	0.0500	1	12/19/23	12/20/23	
Total Xylenes	ND	0.0250	1	12/19/23	12/20/23	
Surrogate: 4-Bromochlorobenzene-PID	93.5 %	70-130		12/19/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2351042	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/19/23	12/20/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.9 %	70-130		12/19/23	12/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2351058	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/20/23	12/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/20/23	12/21/23	
Surrogate: n-Nonane	99.6 %	50-200		12/20/23	12/21/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2351069	
Chloride	ND	20.0	1	12/20/23	12/21/23	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Snapping 12 CTB 2	Reported: 12/29/2023 10:09:55AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2351019-BLK1) Prepared: 12/18/23 Analyzed: 12/20/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.529		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.3	70-130			
Surrogate: Toluene-d8	0.537		0.500		107	70-130			

LCS (2351019-BS1) Prepared: 12/18/23 Analyzed: 12/20/23

Benzene	2.79	0.0250	2.50		112	70-130			
Ethylbenzene	2.67	0.0250	2.50		107	70-130			
Toluene	2.66	0.0250	2.50		106	70-130			
o-Xylene	2.62	0.0250	2.50		105	70-130			
p,m-Xylene	5.22	0.0500	5.00		104	70-130			
Total Xylenes	7.84	0.0250	7.50		105	70-130			
Surrogate: Bromofluorobenzene	0.541		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.3	70-130			
Surrogate: Toluene-d8	0.529		0.500		106	70-130			

Matrix Spike (2351019-MS1) Source: E312119-09 Prepared: 12/18/23 Analyzed: 12/20/23

Benzene	146	1.25	125	10.6	108	48-131			
Ethylbenzene	149	1.25	125	23.0	100	45-135			
Toluene	256	1.25	125	175	64.9	48-130			
o-Xylene	179	1.25	125	65.4	91.2	43-135			
p,m-Xylene	460	2.50	250	271	75.8	43-135			
Total Xylenes	640	1.25	375	336	80.9	43-135			
Surrogate: Bromofluorobenzene	27.4		25.0		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	24.4		25.0		97.4	70-130			
Surrogate: Toluene-d8	26.0		25.0		104	70-130			

Matrix Spike Dup (2351019-MSD1) Source: E312119-09 Prepared: 12/18/23 Analyzed: 12/20/23

Benzene	153	1.25	125	10.6	114	48-131	4.87	23	
Ethylbenzene	156	1.25	125	23.0	107	45-135	5.15	27	
Toluene	280	1.25	125	175	83.4	48-130	8.66	24	
o-Xylene	193	1.25	125	65.4	102	43-135	7.50	27	
p,m-Xylene	504	2.50	250	271	93.3	43-135	9.08	27	
Total Xylenes	697	1.25	375	336	96.3	43-135	8.64	27	
Surrogate: Bromofluorobenzene	28.1		25.0		112	70-130			
Surrogate: 1,2-Dichloroethane-d4	24.1		25.0		96.4	70-130			
Surrogate: Toluene-d8	26.4		25.0		106	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Snapping 12 CTB 2	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	12/29/2023 10:09:55AM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

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

Blank (2351020-BLK1)

Prepared: 12/18/23 Analyzed: 12/20/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.581		0.500		116	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.465		0.500		92.9	70-130			
Surrogate: Toluene-d8	0.542		0.500		108	70-130			

LCS (2351020-BS1)

Prepared: 12/18/23 Analyzed: 12/20/23

Benzene	2.80	0.0250	2.50		112	70-130			
Ethylbenzene	2.69	0.0250	2.50		108	70-130			
Toluene	2.66	0.0250	2.50		106	70-130			
o-Xylene	2.62	0.0250	2.50		105	70-130			
p,m-Xylene	5.29	0.0500	5.00		106	70-130			
Total Xylenes	7.91	0.0250	7.50		105	70-130			
Surrogate: Bromofluorobenzene	0.603		0.500		121	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.508		0.500		102	70-130			
Surrogate: Toluene-d8	0.551		0.500		110	70-130			

Matrix Spike (2351020-MS1)

Source: E312119-25

Prepared: 12/18/23 Analyzed: 12/20/23

Benzene	2.83	0.0250	2.50	ND	113	48-131			
Ethylbenzene	2.71	0.0250	2.50	ND	108	45-135			
Toluene	2.68	0.0250	2.50	ND	107	48-130			
o-Xylene	2.66	0.0250	2.50	ND	107	43-135			
p,m-Xylene	5.38	0.0500	5.00	ND	108	43-135			
Total Xylenes	8.04	0.0250	7.50	ND	107	43-135			
Surrogate: Bromofluorobenzene	0.609		0.500		122	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.2	70-130			
Surrogate: Toluene-d8	0.544		0.500		109	70-130			

Matrix Spike Dup (2351020-MSD1)

Source: E312119-25

Prepared: 12/18/23 Analyzed: 12/20/23

Benzene	2.86	0.0250	2.50	ND	114	48-131	1.25	23	
Ethylbenzene	2.74	0.0250	2.50	ND	110	45-135	1.25	27	
Toluene	2.71	0.0250	2.50	ND	108	48-130	1.32	24	
o-Xylene	2.65	0.0250	2.50	ND	106	43-135	0.414	27	
p,m-Xylene	5.34	0.0500	5.00	ND	107	43-135	0.709	27	
Total Xylenes	8.00	0.0250	7.50	ND	107	43-135	0.611	27	
Surrogate: Bromofluorobenzene	0.605		0.500		121	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.7	70-130			
Surrogate: Toluene-d8	0.542		0.500		108	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Snapping 12 CTB 2	Reported: 12/29/2023 10:09:55AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2351042-BLK1) Prepared: 12/19/23 Analyzed: 12/20/23

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	7.54		8.00		94.2	70-130			

LCS (2351042-BS1) Prepared: 12/19/23 Analyzed: 12/20/23

Benzene	4.73	0.0250	5.00		94.7	70-130			
Ethylbenzene	4.66	0.0250	5.00		93.1	70-130			
Toluene	4.72	0.0250	5.00		94.4	70-130			
o-Xylene	4.67	0.0250	5.00		93.5	70-130			
p,m-Xylene	9.48	0.0500	10.0		94.8	70-130			
Total Xylenes	14.2	0.0250	15.0		94.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.51		8.00		93.9	70-130			

Matrix Spike (2351042-MS1) Source: E312119-45 Prepared: 12/19/23 Analyzed: 12/20/23

Benzene	4.69	0.0250	5.00	ND	93.9	54-133			
Ethylbenzene	4.61	0.0250	5.00	ND	92.2	61-133			
Toluene	4.68	0.0250	5.00	ND	93.7	61-130			
o-Xylene	4.66	0.0250	5.00	ND	93.3	63-131			
p,m-Xylene	9.40	0.0500	10.0	ND	94.0	63-131			
Total Xylenes	14.1	0.0250	15.0	ND	93.8	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.56		8.00		94.4	70-130			

Matrix Spike Dup (2351042-MSD1) Source: E312119-45 Prepared: 12/19/23 Analyzed: 12/20/23

Benzene	4.81	0.0250	5.00	ND	96.1	54-133	2.37	20	
Ethylbenzene	4.74	0.0250	5.00	ND	94.8	61-133	2.77	20	
Toluene	4.79	0.0250	5.00	ND	95.7	61-130	2.16	20	
o-Xylene	4.75	0.0250	5.00	ND	94.9	63-131	1.74	20	
p,m-Xylene	9.65	0.0500	10.0	ND	96.5	63-131	2.59	20	
Total Xylenes	14.4	0.0250	15.0	ND	96.0	63-131	2.31	20	
Surrogate: 4-Bromochlorobenzene-PID	7.52		8.00		93.9	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Snapping 12 CTB 2	Reported: 12/29/2023 10:09:55AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2351019-BLK1)

Prepared: 12/18/23 Analyzed: 12/20/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.529		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.3	70-130			
Surrogate: Toluene-d8	0.537		0.500		107	70-130			

LCS (2351019-BS2)

Prepared: 12/18/23 Analyzed: 12/20/23

Gasoline Range Organics (C6-C10)	52.5	20.0	50.0		105	70-130			
Surrogate: Bromofluorobenzene	0.559		0.500		112	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.476		0.500		95.2	70-130			
Surrogate: Toluene-d8	0.535		0.500		107	70-130			

Matrix Spike (2351019-MS2)

Source: E312119-09

Prepared: 12/18/23 Analyzed: 12/20/23

Gasoline Range Organics (C6-C10)	4870	1000	2500	3400	58.7	70-130			M4
Surrogate: Bromofluorobenzene	27.4		25.0		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	24.3		25.0		97.2	70-130			
Surrogate: Toluene-d8	26.0		25.0		104	70-130			

Matrix Spike Dup (2351019-MSD2)

Source: E312119-09

Prepared: 12/18/23 Analyzed: 12/20/23

Gasoline Range Organics (C6-C10)	5500	1000	2500	3400	83.8	70-130	12.1	20	
Surrogate: Bromofluorobenzene	27.8		25.0		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	24.8		25.0		99.3	70-130			
Surrogate: Toluene-d8	25.7		25.0		103	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Snapping 12 CTB 2	Reported: 12/29/2023 10:09:55AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2351020-BLK1)

Prepared: 12/18/23 Analyzed: 12/20/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.581		0.500		116	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.465		0.500		92.9	70-130			
Surrogate: Toluene-d8	0.542		0.500		108	70-130			

LCS (2351020-BS2)

Prepared: 12/18/23 Analyzed: 12/20/23

Gasoline Range Organics (C6-C10)	57.2	20.0	50.0		114	70-130			
Surrogate: Bromofluorobenzene	0.597		0.500		119	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.1	70-130			
Surrogate: Toluene-d8	0.551		0.500		110	70-130			

Matrix Spike (2351020-MS2)

Source: E312119-25

Prepared: 12/18/23 Analyzed: 12/20/23

Gasoline Range Organics (C6-C10)	50.5	20.0	50.0	ND	101	70-130			
Surrogate: Bromofluorobenzene	0.597		0.500		119	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.4	70-130			
Surrogate: Toluene-d8	0.542		0.500		108	70-130			

Matrix Spike Dup (2351020-MSD2)

Source: E312119-25

Prepared: 12/18/23 Analyzed: 12/20/23

Gasoline Range Organics (C6-C10)	56.0	20.0	50.0	ND	112	70-130	10.4	20	
Surrogate: Bromofluorobenzene	0.604		0.500		121	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.478		0.500		95.6	70-130			
Surrogate: Toluene-d8	0.548		0.500		110	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Snapping 12 CTB 2	Reported: 12/29/2023 10:09:55AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2351042-BLK1) Prepared: 12/19/23 Analyzed: 12/20/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.24		8.00		90.5	70-130			

LCS (2351042-BS2) Prepared: 12/19/23 Analyzed: 12/20/23

Gasoline Range Organics (C6-C10)	44.8	20.0	50.0		89.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.43		8.00		92.9	70-130			

Matrix Spike (2351042-MS2) Source: E312119-45 Prepared: 12/19/23 Analyzed: 12/20/23

Gasoline Range Organics (C6-C10)	46.2	20.0	50.0	ND	92.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.37		8.00		92.1	70-130			

Matrix Spike Dup (2351042-MSD2) Source: E312119-45 Prepared: 12/19/23 Analyzed: 12/20/23

Gasoline Range Organics (C6-C10)	44.6	20.0	50.0	ND	89.3	70-130	3.50	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.30		8.00		91.2	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Snapping 12 CTB 2	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	12/29/2023 10:09:55AM

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 (2351056-BLK1)					Prepared: 12/20/23 Analyzed: 12/20/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	44.5		50.0		89.0	50-200			

LCS (2351056-BS1)					Prepared: 12/20/23 Analyzed: 12/20/23				
Diesel Range Organics (C10-C28)	265	25.0	250		106	38-132			
Surrogate: n-Nonane	42.1		50.0		84.2	50-200			

Matrix Spike (2351056-MS1)					Source: E312119-05		Prepared: 12/20/23 Analyzed: 12/20/23		
Diesel Range Organics (C10-C28)	2980	25.0	250	2810	69.1	38-132			
Surrogate: n-Nonane	67.6		50.0		135	50-200			

Matrix Spike Dup (2351056-MSD1)					Source: E312119-05		Prepared: 12/20/23 Analyzed: 12/20/23		
Diesel Range Organics (C10-C28)	2660	25.0	250	2810	NR	38-132	11.6	20	M4
Surrogate: n-Nonane	64.7		50.0		129	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Snapping 12 CTB 2	Reported: 12/29/2023 10:09:55AM
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 (2351057-BLK1)					Prepared: 12/20/23 Analyzed: 12/20/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.9		50.0		97.8	50-200			

LCS (2351057-BS1)					Prepared: 12/20/23 Analyzed: 12/20/23				
Diesel Range Organics (C10-C28)	280	25.0	250		112	38-132			
Surrogate: n-Nonane	48.6		50.0		97.2	50-200			

Matrix Spike (2351057-MS1)					Source: E312119-25		Prepared: 12/20/23 Analyzed: 12/20/23		
Diesel Range Organics (C10-C28)	280	25.0	250	ND	112	38-132			
Surrogate: n-Nonane	48.7		50.0		97.4	50-200			

Matrix Spike Dup (2351057-MSD1)					Source: E312119-25		Prepared: 12/20/23 Analyzed: 12/20/23		
Diesel Range Organics (C10-C28)	245	25.0	250	ND	97.9	38-132	13.3	20	
Surrogate: n-Nonane	47.7		50.0		95.3	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Snapping 12 CTB 2	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	12/29/2023 10:09:55AM

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 (2351058-BLK1)					Prepared: 12/20/23 Analyzed: 12/21/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.8		50.0		102	50-200			

LCS (2351058-BS1)					Prepared: 12/20/23 Analyzed: 12/21/23				
Diesel Range Organics (C10-C28)	247	25.0	250		99.0	38-132			
Surrogate: n-Nonane	52.4		50.0		105	50-200			

Matrix Spike (2351058-MS1)					Source: E312119-44		Prepared: 12/20/23 Analyzed: 12/21/23		
Diesel Range Organics (C10-C28)	248	25.0	250	ND	99.1	38-132			
Surrogate: n-Nonane	55.4		50.0		111	50-200			

Matrix Spike Dup (2351058-MSD1)					Source: E312119-44		Prepared: 12/20/23 Analyzed: 12/21/23		
Diesel Range Organics (C10-C28)	255	25.0	250	ND	102	38-132	2.93	20	
Surrogate: n-Nonane	51.6		50.0		103	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Snapping 12 CTB 2	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	12/29/2023 10:09:55AM

Anions by EPA 300.0/9056A

Analyst: IY

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

Blank (2351064-BLK1)					Prepared: 12/20/23 Analyzed: 12/20/23				
Chloride	ND	20.0							
LCS (2351064-BS1)					Prepared: 12/20/23 Analyzed: 12/20/23				
Chloride	247	20.0	250		98.9	90-110			
Matrix Spike (2351064-MS1)					Source: E312119-04		Prepared: 12/20/23 Analyzed: 12/20/23		
Chloride	284	20.0	250	30.1	102	80-120			
Matrix Spike Dup (2351064-MSD1)					Source: E312119-04		Prepared: 12/20/23 Analyzed: 12/20/23		
Chloride	283	20.0	250	30.1	101	80-120	0.219	20	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Snapping 12 CTB 2	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	12/29/2023 10:09:55AM

Anions by EPA 300.0/9056A

Analyst: BA

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

Blank (2351065-BLK1)					Prepared: 12/20/23 Analyzed: 12/21/23				
Chloride	ND	20.0							
LCS (2351065-BS1)					Prepared: 12/20/23 Analyzed: 12/21/23				
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2351065-MS1)					Source: E312119-22		Prepared: 12/20/23 Analyzed: 12/21/23		
Chloride	259	20.0	250	ND	104	80-120			
Matrix Spike Dup (2351065-MSD1)					Source: E312119-22		Prepared: 12/20/23 Analyzed: 12/21/23		
Chloride	259	20.0	250	ND	104	80-120	0.136	20	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Snapping 12 CTB 2	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	12/29/2023 10:09:55AM

Anions by EPA 300.0/9056A

Analyst: IY

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

Blank (2351069-BLK1)					Prepared: 12/20/23 Analyzed: 12/21/23				
Chloride	ND	20.0							
LCS (2351069-BS1)					Prepared: 12/20/23 Analyzed: 12/21/23				
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2351069-MS1)					Source: E312119-42		Prepared: 12/20/23 Analyzed: 12/21/23		
Chloride	256	20.0	250	ND	102	80-120			
Matrix Spike Dup (2351069-MSD1)					Source: E312119-42		Prepared: 12/20/23 Analyzed: 12/21/23		
Chloride	256	20.0	250	ND	102	80-120	0.272	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:	Snapping 12 CTB 2	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	12/29/23 10:09

- M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
- S5 Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.
- 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 5

Client: Pima Environmental Services Project: <u>Snapping 12 CTB 2</u> Project Manager: <u>Tom Bynum</u> Address: <u>5614 N. Lovington Hwy.</u> City, State, Zip: <u>Hobbs, NM. 88240</u> Phone: <u>580-748-1613</u> Email: <u>tom@pimaoil.com</u> Report due by: _____					Attention: <u>Peron</u> ^{Bill To} Address: _____ City, State, Zip: _____ Phone: _____ Email: _____ Pima Project # <u>160-4</u>					Lab Use Only						TAT				EPA Program	
										Lab WO# <u>E312119</u>			Job Number <u>010580007</u>			1D	2D	3D	Standard	CWA	SDWA
										Analysis and Method										RCRA	
										DRO/ORO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX										State NM CO UT AZ TX X	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number																
8:36	12/14	S	1	S1-1'	1										X						
8:43				S1-2'	2																
8:49				S1-3'	3																
8:53				S1-4'	4																
9:07				S2-1'	5																
9:10				S2-2'	6																
9:17				S2-3'	7																
9:28				S2-4'	8																
9:36				S3-1'	9																
9:42				S3-2'	10																
Additional Instructions: <u>B# 21266744</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									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		T1 _____ T2 _____ T3 _____									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		AVG Temp °C <u>4</u>									
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____											Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA										
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																					


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Project Information

Chain of Custody

Page 2 of 5

Client: Pima Environmental Services Project: Snapping 12 CTB 2 Project Manager: Tom Bynum Address: 5614 N. Lovington Hwy. City, State, Zip: Hobbs, NM. 88240 Phone: 580-748-1613 Email: tom@pimaoil.com Report due by:					Bill To Attention: Devon Address: City, State, Zip: Phone: Email: Pima Project # 160-4					Lab Use Only Lab WO# E312119 Job Number 010580007 Analysis and Method					TAT 1D 2D 3D Standard X				EPA Program CWA SDWA RCRA	
														State NM CO UT AZ TX X						
														Remarks						
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	Standard	1D	2D	3D			
9:51	12/14	S	1	S3-3'	11							X								
9:58				S3-4'	12															
10:11				S4-1'	13															
10:16				S4-2'	14															
10:18				S4-3'	15															
10:21				S4-4	16															
10:36				S5-1'	17															
10:42				S5-2'	18															
10:49				S5-3'	19															
10:56				S5-4'	20															
Additional Instructions: B# 21266744																				
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								
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		T1 _____ T2 _____ T3 _____ AVG Temp °C: <u>4</u>								
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____												Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA								
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																				


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Project Information

Chain of Custody

Page 3 of 5

Client: Pima Environmental Services Project: Mapping 12 CFB 2 Project Manager: Tom Bynum Address: 5614 N. Lovington Hwy. City, State, Zip: Hobbs, NM. 88240 Phone: 580-748-1613 Email: tom@pimaoil.com Report due by:					Bill To Attention: Devon Address: City, State, Zip: Phone: Email: Pima Project # 160-4					Lab Use Only Lab WO# E312119 Job Number 01056007 Analysis and Method DRO/ORO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX						TAT 1D 2D 3D Standard X				EPA Program CWA SDWA RCRA State NM CO UT AZ TX X	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks							
11:02	12/14	S	1	S6-1'	21							X									
11:10				S6-2'	22																
11:19				S6-3'	23																
11:25				S6-4'	24																
11:31				SW1 - Surface	25																
11:36				SW1 - 6"	26																
11:43				SW2 - Surface	27																
11:45				SW2 - 6"	28																
11:51				SW3 - Surface	29																
11:59				SW3 - 6"	30																
Additional Instructions: B# 21266744																					
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									
Karine Adams		12.15.23		1315		[Signature]		12.18.23		730		T1 _____ T2 _____ T3 _____ AVG Temp °C: <u>4</u>									
[Signature]		12.15.23		1500		[Signature]		12.18.23		730											
[Signature]						Received by: (Signature)															
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other												Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA									
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																					

Project Information

Chain of Custody

Page 4 of 5

Client: Pima Environmental Services Project: Snapping 12 CTBZ Project Manager: Tom Bynum Address: 5614 N. Lovington Hwy. City, State, Zip: Hobbs, NM. 88240 Phone: 580-748-1613 Email: tom@pimaoil.com Report due by:					Bill To Attention: Devon Address: City, State, Zip: Phone: Email: Pima Project # 160-4					Lab Use Only Lab WO# F312119 Job Number 01058-007 Analysis and Method						TAT 1D 2D 3D Standard X				EPA Program CWA SDWA RCRA	
					DRO/DRO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX						State NM CO UT AZ TX X				Remarks						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number																
12:11	12/14	S	1	SW4 - Surface	31																
12:17				SW4 - 6"	32																
12:21				SW5 - Surface	33																
12:30				SW5 - 6"	34																
12:38				SW6 - Surface	35																
12:41				SW6 - 6"	36																
12:48				SW7 - Surface	37																
12:56				SW7 - 6"	38																
1:08				SW8 - Surface	39																
1:11				SW8 - 6"	40																
Additional Instructions: B# 21266744																					
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									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		T1 _____ T2 _____ T3 _____									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		AVG Temp °C: <u>4</u>									
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other												Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA									
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																					


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Project Information

Chain of Custody

Page 5 of 5

Client: Pima Environmental Services Project: Snapping 12 CTB 2 Project Manager: Tom Bynum Address: 5614 N. Lovington Hwy. City, State, Zip: Hobbs, NM. 88240 Phone: 580-748-1613 Email: tom@pimaoil.com Report due by:					Bill To Attention: Devon Address: City, State, Zip: Phone: Email: Pima Project # 160-4					Lab Use Only Lab WO# E312119 Job Number 01058-0007 Analysis and Method					TAT 1D 2D 3D Standard X				EPA Program CWA SDWA RCRA	
														State NM CO UT AZ TX X						
														Remarks						
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							
1:19	12/14	S	1	SW9	41							X								
1:29				SW9	42															
1:31				SW10	43															
1:39				SW10	44															
1:42				SW11	45															
1:51				SW11	46															
2:03				BG1	47															
Additional Instructions: B# 21266744																				
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) Karine Adams		Date 12-15-23		Time 13:15		Received by: (Signature) [Signature]		Date 12-15-23		Time 13:15		Lab Use Only Received on Ice: (Y) N								
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		T1 T2 T3								
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		AVG Temp °C 4								
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other												Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA								
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																				

Envirotech Analytical Laboratory

Printed: 12/18/2023 11:22:56AM

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:	12/18/23 07:30	Work Order ID:	E312119
Phone:	(575) 631-6977	Date Logged In:	12/18/23 08:40	Logged In By:	Alexa Michaels
Email:	tom@pimaoil.com	Due Date:	12/28/23 17:00 (6 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

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

Carrier: Courier**Comments/Resolution****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.

Report to:
Tom Bynum



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Snapping 12 CTB 2

Work Order: E402180

Job Number: 01058-0007

Received: 2/21/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/22/24

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: 2/22/24

Tom Bynum
PO Box 247
Plains, TX 79355-0247



Project Name: Snapping 12 CTB 2
Workorder: E402180
Date Received: 2/21/2024 5:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/21/2024 5:30:00AM, under the Project Name: Snapping 12 CTB 2.

The analytical test results summarized in this report with the Project Name: Snapping 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:	Snapping 12 CTB 2	Reported: 02/22/24 16:15
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS1-Bottom	E402180-01A	Soil	02/19/24	02/21/24	Glass Jar, 2 oz.
CS2-Bottom	E402180-02A	Soil	02/19/24	02/21/24	Glass Jar, 2 oz.
CS3-Bottom	E402180-03A	Soil	02/19/24	02/21/24	Glass Jar, 2 oz.
CS4-Bottom	E402180-04A	Soil	02/19/24	02/21/24	Glass Jar, 2 oz.
CS5-Bottom	E402180-05A	Soil	02/19/24	02/21/24	Glass Jar, 2 oz.
CS6-Bottom	E402180-06A	Soil	02/19/24	02/21/24	Glass Jar, 2 oz.
CS7-Bottom	E402180-07A	Soil	02/19/24	02/21/24	Glass Jar, 2 oz.
CS8-Bottom	E402180-08A	Soil	02/19/24	02/21/24	Glass Jar, 2 oz.
CS9-Bottom	E402180-09A	Soil	02/19/24	02/21/24	Glass Jar, 2 oz.
CS10-Bottom	E402180-10A	Soil	02/19/24	02/21/24	Glass Jar, 2 oz.
CS11-Bottom	E402180-11A	Soil	02/19/24	02/21/24	Glass Jar, 2 oz.
CS12-Bottom	E402180-12A	Soil	02/19/24	02/21/24	Glass Jar, 2 oz.
CS13-Bottom	E402180-13A	Soil	02/19/24	02/21/24	Glass Jar, 2 oz.
CS14-Bottom	E402180-14A	Soil	02/19/24	02/21/24	Glass Jar, 2 oz.
CS15-Bottom	E402180-15A	Soil	02/19/24	02/21/24	Glass Jar, 2 oz.
CS16-Bottom	E402180-16A	Soil	02/19/24	02/21/24	Glass Jar, 2 oz.
CS17-Bottom	E402180-17A	Soil	02/19/24	02/21/24	Glass Jar, 2 oz.
CS18-Bottom	E402180-18A	Soil	02/19/24	02/21/24	Glass Jar, 2 oz.
CS19-Bottom	E402180-19A	Soil	02/19/24	02/21/24	Glass Jar, 2 oz.
CS20-Bottom	E402180-20A	Soil	02/19/24	02/21/24	Glass Jar, 2 oz.



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Snapping 12 CTB 2 Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 2/22/2024 4:15:28PM
---	---	---

CS1-Bottom

E402180-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2408046	
Benzene	ND	0.0250	1	02/21/24	02/21/24	
Ethylbenzene	ND	0.0250	1	02/21/24	02/21/24	
Toluene	ND	0.0250	1	02/21/24	02/21/24	
o-Xylene	ND	0.0250	1	02/21/24	02/21/24	
p,m-Xylene	ND	0.0500	1	02/21/24	02/21/24	
Total Xylenes	ND	0.0250	1	02/21/24	02/21/24	
Surrogate: 4-Bromochlorobenzene-PID	93.4 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2408046	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/21/24	02/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	96.0 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2408044	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/24	02/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/21/24	
Surrogate: n-Nonane	99.1 %	50-200		02/21/24	02/21/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2408054	
Chloride	ND	20.0	1	02/21/24	02/21/24	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/22/2024 4:15:28PM

CS2-Bottom

E402180-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2408046	
Benzene	ND	0.0250	1	02/21/24	02/21/24	
Ethylbenzene	ND	0.0250	1	02/21/24	02/21/24	
Toluene	ND	0.0250	1	02/21/24	02/21/24	
o-Xylene	ND	0.0250	1	02/21/24	02/21/24	
p,m-Xylene	ND	0.0500	1	02/21/24	02/21/24	
Total Xylenes	ND	0.0250	1	02/21/24	02/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.1 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2408046	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/21/24	02/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.5 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2408044	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/24	02/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/21/24	
<i>Surrogate: n-Nonane</i>						
	98.7 %	50-200		02/21/24	02/21/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2408054	
Chloride	ND	20.0	1	02/21/24	02/21/24	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/22/2024 4:15:28PM

CS3-Bottom

E402180-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2408046	
Benzene	ND	0.0250	1	02/21/24	02/21/24	
Ethylbenzene	ND	0.0250	1	02/21/24	02/21/24	
Toluene	ND	0.0250	1	02/21/24	02/21/24	
o-Xylene	ND	0.0250	1	02/21/24	02/21/24	
p,m-Xylene	ND	0.0500	1	02/21/24	02/21/24	
Total Xylenes	ND	0.0250	1	02/21/24	02/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.4 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2408046	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/21/24	02/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.7 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2408044	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/24	02/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/21/24	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		02/21/24	02/21/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2408054	
Chloride	ND	20.0	1	02/21/24	02/21/24	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/22/2024 4:15:28PM

CS4-Bottom

E402180-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2408046	
Benzene	ND	0.0250	1	02/21/24	02/21/24	
Ethylbenzene	ND	0.0250	1	02/21/24	02/21/24	
Toluene	ND	0.0250	1	02/21/24	02/21/24	
o-Xylene	ND	0.0250	1	02/21/24	02/21/24	
p,m-Xylene	ND	0.0500	1	02/21/24	02/21/24	
Total Xylenes	ND	0.0250	1	02/21/24	02/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.0 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2408046	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/21/24	02/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.7 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2408044	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/24	02/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/21/24	
<i>Surrogate: n-Nonane</i>						
	102 %	50-200		02/21/24	02/21/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2408054	
Chloride	ND	20.0	1	02/21/24	02/21/24	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/22/2024 4:15:28PM

CS5-Bottom

E402180-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2408046	
Benzene	ND	0.0250	1	02/21/24	02/21/24	
Ethylbenzene	ND	0.0250	1	02/21/24	02/21/24	
Toluene	ND	0.0250	1	02/21/24	02/21/24	
o-Xylene	ND	0.0250	1	02/21/24	02/21/24	
p,m-Xylene	ND	0.0500	1	02/21/24	02/21/24	
Total Xylenes	ND	0.0250	1	02/21/24	02/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.8 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2408046	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/21/24	02/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.5 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2408044	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/24	02/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/21/24	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		02/21/24	02/21/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2408054	
Chloride	ND	20.0	1	02/21/24	02/21/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Snapping 12 CTB 2	Reported: 2/22/2024 4:15:28PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CS6-Bottom
E402180-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2408046	
Benzene	ND	0.0250	1	02/21/24	02/21/24	
Ethylbenzene	ND	0.0250	1	02/21/24	02/21/24	
Toluene	ND	0.0250	1	02/21/24	02/21/24	
o-Xylene	ND	0.0250	1	02/21/24	02/21/24	
p,m-Xylene	ND	0.0500	1	02/21/24	02/21/24	
Total Xylenes	ND	0.0250	1	02/21/24	02/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.5 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2408046	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/21/24	02/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.6 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2408044	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/24	02/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/21/24	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		02/21/24	02/21/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2408054	
Chloride	ND	20.0	1	02/21/24	02/21/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Snapping 12 CTB 2	Reported: 2/22/2024 4:15:28PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CS7-Bottom
E402180-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2408046	
Benzene	ND	0.0250	1	02/21/24	02/21/24	
Ethylbenzene	ND	0.0250	1	02/21/24	02/21/24	
Toluene	ND	0.0250	1	02/21/24	02/21/24	
o-Xylene	ND	0.0250	1	02/21/24	02/21/24	
p,m-Xylene	ND	0.0500	1	02/21/24	02/21/24	
Total Xylenes	ND	0.0250	1	02/21/24	02/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.1 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2408046	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/21/24	02/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.1 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2408044	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/24	02/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/21/24	
<i>Surrogate: n-Nonane</i>						
	99.4 %	50-200		02/21/24	02/21/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2408054	
Chloride	ND	20.0	1	02/21/24	02/21/24	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/22/2024 4:15:28PM

CS8-Bottom

E402180-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: EG		Batch: 2408046
Benzene	ND	0.0250	1	02/21/24	02/21/24	
Ethylbenzene	ND	0.0250	1	02/21/24	02/21/24	
Toluene	ND	0.0250	1	02/21/24	02/21/24	
o-Xylene	ND	0.0250	1	02/21/24	02/21/24	
p,m-Xylene	ND	0.0500	1	02/21/24	02/21/24	
Total Xylenes	ND	0.0250	1	02/21/24	02/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		91.2 %	70-130	02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: EG		Batch: 2408046
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/21/24	02/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.4 %	70-130	02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2408044
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/24	02/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/21/24	
<i>Surrogate: n-Nonane</i>						
		103 %	50-200	02/21/24	02/21/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2408054
Chloride	ND	20.0	1	02/21/24	02/21/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Snapping 12 CTB 2	Reported: 2/22/2024 4:15:28PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CS9-Bottom
E402180-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2408046	
Benzene	ND	0.0250	1	02/21/24	02/21/24	
Ethylbenzene	ND	0.0250	1	02/21/24	02/21/24	
Toluene	ND	0.0250	1	02/21/24	02/21/24	
o-Xylene	ND	0.0250	1	02/21/24	02/21/24	
p,m-Xylene	ND	0.0500	1	02/21/24	02/21/24	
Total Xylenes	ND	0.0250	1	02/21/24	02/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.9 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2408046	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/21/24	02/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.0 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2408044	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/24	02/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/21/24	
<i>Surrogate: n-Nonane</i>						
	98.4 %	50-200		02/21/24	02/21/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2408054	
Chloride	ND	20.0	1	02/21/24	02/21/24	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/22/2024 4:15:28PM

CS10-Bottom

E402180-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2408046	
Benzene	ND	0.0250	1	02/21/24	02/21/24	
Ethylbenzene	ND	0.0250	1	02/21/24	02/21/24	
Toluene	ND	0.0250	1	02/21/24	02/21/24	
o-Xylene	ND	0.0250	1	02/21/24	02/21/24	
p,m-Xylene	ND	0.0500	1	02/21/24	02/21/24	
Total Xylenes	ND	0.0250	1	02/21/24	02/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.9 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2408046	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/21/24	02/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.6 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2408044	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/24	02/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/21/24	
<i>Surrogate: n-Nonane</i>						
	97.3 %	50-200		02/21/24	02/21/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2408054	
Chloride	ND	20.0	1	02/21/24	02/21/24	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/22/2024 4:15:28PM

CS11-Bottom

E402180-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2408046
Benzene	ND	0.0250	1	02/21/24	02/21/24	
Ethylbenzene	ND	0.0250	1	02/21/24	02/21/24	
Toluene	ND	0.0250	1	02/21/24	02/21/24	
o-Xylene	ND	0.0250	1	02/21/24	02/21/24	
p,m-Xylene	ND	0.0500	1	02/21/24	02/21/24	
Total Xylenes	ND	0.0250	1	02/21/24	02/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.7 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2408046
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/21/24	02/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.2 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2408044
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/24	02/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/21/24	
<i>Surrogate: n-Nonane</i>						
	79.6 %	50-200		02/21/24	02/21/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2408054
Chloride	ND	20.0	1	02/21/24	02/21/24	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/22/2024 4:15:28PM

CS12-Bottom

E402180-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2408046
Benzene	ND	0.0250	1	02/21/24	02/21/24	
Ethylbenzene	ND	0.0250	1	02/21/24	02/21/24	
Toluene	ND	0.0250	1	02/21/24	02/21/24	
o-Xylene	ND	0.0250	1	02/21/24	02/21/24	
p,m-Xylene	ND	0.0500	1	02/21/24	02/21/24	
Total Xylenes	ND	0.0250	1	02/21/24	02/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.1 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2408046
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/21/24	02/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.6 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2408044
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/24	02/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/21/24	
<i>Surrogate: n-Nonane</i>						
	81.7 %	50-200		02/21/24	02/21/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2408054
Chloride	ND	20.0	1	02/21/24	02/21/24	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/22/2024 4:15:28PM

CS13-Bottom

E402180-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2408046
Benzene	ND	0.0250	1	02/21/24	02/21/24	
Ethylbenzene	ND	0.0250	1	02/21/24	02/21/24	
Toluene	ND	0.0250	1	02/21/24	02/21/24	
o-Xylene	ND	0.0250	1	02/21/24	02/21/24	
p,m-Xylene	ND	0.0500	1	02/21/24	02/21/24	
Total Xylenes	ND	0.0250	1	02/21/24	02/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.6 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2408046
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/21/24	02/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.7 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2408044
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/24	02/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/21/24	
<i>Surrogate: n-Nonane</i>						
	80.8 %	50-200		02/21/24	02/21/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2408054
Chloride	ND	20.0	1	02/21/24	02/21/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Snapping 12 CTB 2	Reported: 2/22/2024 4:15:28PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CS14-Bottom
E402180-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2408046	
Benzene	ND	0.0250	1	02/21/24	02/21/24	
Ethylbenzene	ND	0.0250	1	02/21/24	02/21/24	
Toluene	ND	0.0250	1	02/21/24	02/21/24	
o-Xylene	ND	0.0250	1	02/21/24	02/21/24	
p,m-Xylene	ND	0.0500	1	02/21/24	02/21/24	
Total Xylenes	ND	0.0250	1	02/21/24	02/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.7 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2408046	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/21/24	02/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.5 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2408044	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/24	02/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/21/24	
<i>Surrogate: n-Nonane</i>						
	84.3 %	50-200		02/21/24	02/21/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2408054	
Chloride	ND	20.0	1	02/21/24	02/21/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Snapping 12 CTB 2	Reported: 2/22/2024 4:15:28PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CS15-Bottom
E402180-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS		Batch: 2408046	
Benzene	ND	0.0250	1	02/21/24	02/21/24	
Ethylbenzene	ND	0.0250	1	02/21/24	02/21/24	
Toluene	ND	0.0250	1	02/21/24	02/21/24	
o-Xylene	ND	0.0250	1	02/21/24	02/21/24	
p,m-Xylene	ND	0.0500	1	02/21/24	02/21/24	
Total Xylenes	ND	0.0250	1	02/21/24	02/21/24	
Surrogate: 4-Bromochlorobenzene-PID	97.8 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS		Batch: 2408046	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/21/24	02/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.0 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2408044	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/24	02/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/21/24	
Surrogate: n-Nonane	82.7 %	50-200		02/21/24	02/21/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2408054	
Chloride	ND	20.0	1	02/21/24	02/21/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Snapping 12 CTB 2	Reported: 2/22/2024 4:15:28PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CS16-Bottom
E402180-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2408046
Benzene	ND	0.0250	1	02/21/24	02/21/24	
Ethylbenzene	ND	0.0250	1	02/21/24	02/21/24	
Toluene	ND	0.0250	1	02/21/24	02/21/24	
o-Xylene	ND	0.0250	1	02/21/24	02/21/24	
p,m-Xylene	ND	0.0500	1	02/21/24	02/21/24	
Total Xylenes	ND	0.0250	1	02/21/24	02/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.8 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2408046
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/21/24	02/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.8 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2408044
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/24	02/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/21/24	
<i>Surrogate: n-Nonane</i>						
	83.7 %	50-200		02/21/24	02/21/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2408054
Chloride	ND	20.0	1	02/21/24	02/21/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Snapping 12 CTB 2	Reported: 2/22/2024 4:15:28PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CS17-Bottom
E402180-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS		Batch: 2408046	
Benzene	ND	0.0250	1	02/21/24	02/21/24	
Ethylbenzene	ND	0.0250	1	02/21/24	02/21/24	
Toluene	ND	0.0250	1	02/21/24	02/21/24	
o-Xylene	ND	0.0250	1	02/21/24	02/21/24	
p,m-Xylene	ND	0.0500	1	02/21/24	02/21/24	
Total Xylenes	ND	0.0250	1	02/21/24	02/21/24	
Surrogate: 4-Bromochlorobenzene-PID	97.0 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS		Batch: 2408046	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/21/24	02/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	90.3 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2408044	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/24	02/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/21/24	
Surrogate: n-Nonane	82.4 %	50-200		02/21/24	02/21/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2408054	
Chloride	ND	20.0	1	02/21/24	02/21/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Snapping 12 CTB 2	Reported: 2/22/2024 4:15:28PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CS18-Bottom
E402180-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2408046
Benzene	ND	0.0250	1	02/21/24	02/21/24	
Ethylbenzene	ND	0.0250	1	02/21/24	02/21/24	
Toluene	ND	0.0250	1	02/21/24	02/21/24	
o-Xylene	ND	0.0250	1	02/21/24	02/21/24	
p,m-Xylene	ND	0.0500	1	02/21/24	02/21/24	
Total Xylenes	ND	0.0250	1	02/21/24	02/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.2 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2408046
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/21/24	02/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.6 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2408044
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/24	02/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/21/24	
<i>Surrogate: n-Nonane</i>						
	84.0 %	50-200		02/21/24	02/21/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2408054
Chloride	ND	20.0	1	02/21/24	02/21/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Snapping 12 CTB 2	Reported: 2/22/2024 4:15:28PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CS19-Bottom
E402180-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS		Batch: 2408046	
Benzene	ND	0.0250	1	02/21/24	02/21/24	
Ethylbenzene	ND	0.0250	1	02/21/24	02/21/24	
Toluene	ND	0.0250	1	02/21/24	02/21/24	
o-Xylene	ND	0.0250	1	02/21/24	02/21/24	
p,m-Xylene	ND	0.0500	1	02/21/24	02/21/24	
Total Xylenes	ND	0.0250	1	02/21/24	02/21/24	
Surrogate: 4-Bromochlorobenzene-PID	97.0 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS		Batch: 2408046	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/21/24	02/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	90.8 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2408044	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/24	02/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/21/24	
Surrogate: n-Nonane	82.4 %	50-200		02/21/24	02/21/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2408054	
Chloride	ND	20.0	1	02/21/24	02/21/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Snapping 12 CTB 2	Reported: 2/22/2024 4:15:28PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CS20-Bottom
E402180-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2408046	
Benzene	ND	0.0250	1	02/21/24	02/21/24	
Ethylbenzene	ND	0.0250	1	02/21/24	02/21/24	
Toluene	ND	0.0250	1	02/21/24	02/21/24	
o-Xylene	ND	0.0250	1	02/21/24	02/21/24	
p,m-Xylene	ND	0.0500	1	02/21/24	02/21/24	
Total Xylenes	ND	0.0250	1	02/21/24	02/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.7 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2408046	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/21/24	02/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.9 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2408044	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/24	02/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/21/24	
<i>Surrogate: n-Nonane</i>						
	82.9 %	50-200		02/21/24	02/21/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2408054	
Chloride	ND	20.0	1	02/21/24	02/21/24	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Snapping 12 CTB 2	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/22/2024 4:15:28PM

Volatile Organics by EPA 8021B

Analyst: EG

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 (2408046-BLK1)

Prepared: 02/21/24 Analyzed: 02/21/24

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	7.48		8.00		93.5	70-130			

LCS (2408046-BS1)

Prepared: 02/21/24 Analyzed: 02/21/24

Benzene	4.46	0.0250	5.00		89.3	70-130			
Ethylbenzene	4.53	0.0250	5.00		90.7	70-130			
Toluene	4.50	0.0250	5.00		90.0	70-130			
o-Xylene	4.49	0.0250	5.00		89.9	70-130			
p,m-Xylene	9.14	0.0500	10.0		91.4	70-130			
Total Xylenes	13.6	0.0250	15.0		90.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.54		8.00		94.3	70-130			

Matrix Spike (2408046-MS1)

Source: E402180-05

Prepared: 02/21/24 Analyzed: 02/22/24

Benzene	4.55	0.0250	5.00	ND	91.0	54-133			
Ethylbenzene	4.70	0.0250	5.00	ND	94.1	61-133			
Toluene	4.65	0.0250	5.00	ND	93.0	61-130			
o-Xylene	4.65	0.0250	5.00	ND	93.0	63-131			
p,m-Xylene	9.50	0.0500	10.0	ND	95.0	63-131			
Total Xylenes	14.1	0.0250	15.0	ND	94.3	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.56		8.00		94.5	70-130			

Matrix Spike Dup (2408046-MSD1)

Source: E402180-05

Prepared: 02/21/24 Analyzed: 02/22/24

Benzene	4.77	0.0250	5.00	ND	95.4	54-133	4.69	20	
Ethylbenzene	4.96	0.0250	5.00	ND	99.2	61-133	5.32	20	
Toluene	4.89	0.0250	5.00	ND	97.7	61-130	5.01	20	
o-Xylene	4.89	0.0250	5.00	ND	97.8	63-131	5.05	20	
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131	5.12	20	
Total Xylenes	14.9	0.0250	15.0	ND	99.2	63-131	5.10	20	
Surrogate: 4-Bromochlorobenzene-PID	7.50		8.00		93.7	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Snapping 12 CTB 2	Reported: 2/22/2024 4:15:28PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: EG

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 (2408046-BLK1) Prepared: 02/21/24 Analyzed: 02/21/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.63		8.00		95.4	70-130			

LCS (2408046-BS2) Prepared: 02/21/24 Analyzed: 02/21/24

Gasoline Range Organics (C6-C10)	52.8	20.0	50.0		106	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.71		8.00		96.4	70-130			

Matrix Spike (2408046-MS2) Source: E402180-05 Prepared: 02/21/24 Analyzed: 02/22/24

Gasoline Range Organics (C6-C10)	53.6	20.0	50.0	ND	107	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.83		8.00		97.9	70-130			

Matrix Spike Dup (2408046-MSD2) Source: E402180-05 Prepared: 02/21/24 Analyzed: 02/22/24

Gasoline Range Organics (C6-C10)	53.2	20.0	50.0	ND	106	70-130	0.809	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.84		8.00		98.1	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Snapping 12 CTB 2	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/22/2024 4:15:28PM

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 (2408044-BLK1)					Prepared: 02/21/24 Analyzed: 02/21/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.9		50.0		102	50-200			

LCS (2408044-BS1)					Prepared: 02/21/24 Analyzed: 02/21/24				
Diesel Range Organics (C10-C28)	269	25.0	250		108	38-132			
Surrogate: n-Nonane	54.2		50.0		108	50-200			

Matrix Spike (2408044-MS1)				Source: E402180-03		Prepared: 02/21/24 Analyzed: 02/21/24			
Diesel Range Organics (C10-C28)	271	25.0	250	ND	109	38-132			
Surrogate: n-Nonane	53.1		50.0		106	50-200			

Matrix Spike Dup (2408044-MSD1)				Source: E402180-03		Prepared: 02/21/24 Analyzed: 02/21/24			
Diesel Range Organics (C10-C28)	270	25.0	250	ND	108	38-132	0.569	20	
Surrogate: n-Nonane	53.1		50.0		106	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Snapping 12 CTB 2	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/22/2024 4:15:28PM

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2408054-BLK1)					Prepared: 02/21/24 Analyzed: 02/21/24				
Chloride	ND	20.0							
LCS (2408054-BS1)					Prepared: 02/21/24 Analyzed: 02/21/24				
Chloride	249	20.0	250		99.8	90-110			
Matrix Spike (2408054-MS1)					Source: E402180-02		Prepared: 02/21/24 Analyzed: 02/21/24		
Chloride	253	20.0	250	ND	101	80-120			
Matrix Spike Dup (2408054-MSD1)					Source: E402180-02		Prepared: 02/21/24 Analyzed: 02/21/24		
Chloride	252	20.0	250	ND	101	80-120	0.502	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:	Snapping 12 CTB 2	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	02/22/24 16:15

- 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 4

Client: Pima Environmental Services Project: Snapping 12 CFB2 Project Manager: Tom Bynum Address: 5614 N. Lovington Hwy. City, State, Zip: Hobbs, NM, 88240 Phone: 580-748-1613 Email: tom@pimaoil.com Report due by:					Bill To Attention: Devon Address: City, State, Zip: Phone: Email: Pima Project # 160-4					Lab Use Only Lab WO# E 402180 Job Number 01050-0007 Analysis and Method DRO/DRO by 8015 GRC/DRO by 8015 BTEX by 8021 VOC by 8250 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX					TAT 1D 2D 3D Standard				EPA Program CWA SDWA RCRA	
										State NM CO UT AZ TX										
														Remarks						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number															
8:16	2/19	S		CS1 - Bottom	1									X						
8:28				CS2 Bottom	2															
8:31				CS3 Bottom	3															
8:36				CS4 Bottom	4															
8:48				CS5 Bottom	5															
8:57				CS6 Bottom	6															
9:11				CS7 Bottom	7															
9:19				CS8 Bottom	8															
9:25				CS9 Bottom	9															
9:39				CS10 Bottom	10															
Additional Instructions:																				
Billing # 21266744																				
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: ☒ Y ☐ N												
Karime Adams		2/20/24	1:30	Michelle Boyd		2-20-24	1330													
Michelle Boyd		2-20-24	1615	Andrew MBB		2-20-24	1700													
Andrew MBB		2-20-24	2400	Kathleen R. Hall		2-21-24	0530													
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 4

Client: Pima Environmental Services Project: Snapping 12 CTB 2 Project Manager: Tom Bynum Address: 5614 N. Lovington Hwy. City, State, Zip: Hobbs, NM, 88240 Phone: 580-748-1613 Email: tom@pimaoil.com Report due by:					Bill To Attention: Devon Address: City, State, Zip Phone: Email: Pima Project # 160-4					Lab Use Only Lab WO# E402180 Job Number 01050-0007 Analysis and Method DRO/DRO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX					TAT 1D 2D 3D Standard			EPA Program CWA SDWA RCRA	
										State NM CO UT AZ TX NM			Remarks						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number														
9:43	2/19	S		CS11 - Bottom	11														
9:58				CS12 - Bottom	12														
10:16				CS13 - Bottom	13														
10:22				CS14 - Bottom	14														
10:35				CS15 - Bottom	15														
10:48				CS16 - Bottom	16														
10:56				CS17 - Bottom	17														
11:06				CS18 - Bottom	18														
11:11				CS19 - Bottom	19														
11:21				CS20 - Bottom	20														
Additional Instructions: Billing # 21266744																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																			
Relinquished by: (Signature) <u>Karime Adams</u> Date <u>2/20/24</u> Time <u>1:30</u> Received by: (Signature) <u>Michelle Gayf</u> Date <u>2-20-24</u> Time <u>1:30</u>																			
Relinquished by: (Signature) <u>Michelle Gayf</u> Date <u>2-20-24</u> Time <u>16:15</u> Received by: (Signature) <u>Andrew Russo</u> Date <u>2-20-24</u> Time <u>17:00</u>																			
Relinquished by: (Signature) <u>Andrew Russo</u> Date <u>2-20-24</u> Time <u>24:00</u> Received by: (Signature) <u>Kaylyn R Hill</u> Date <u>2-21-24</u> Time <u>0530</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.																			
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.																			
Lab Use Only Received on ice: <u>Y / N</u> T1 T2 T3 AVG Temp °C <u>4</u>																			

Envirotech Analytical Laboratory

Printed: 2/21/2024 8:56:47AM

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:	02/21/24 05:30	Work Order ID:	E402180
Phone:	(575) 631-6977	Date Logged In:	02/20/24 15:23	Logged In By:	Alexa Michaels
Email:	tom@pimaoil.com	Due Date:	02/21/24 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

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

Carrier: CourierSample 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 InstructionComments/Resolution

Project : Snapping 12 CTB 2 has been separated into two WO due to high sample volume. WO are as follows: E4020180 and E402181.

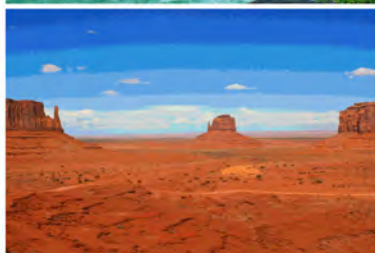
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Tom Bynum



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Snapping 12 CTB 2

Work Order: E402181

Job Number: 01058-0007

Received: 2/21/2024

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/22/24

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: 2/22/24



Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Snapping 12 CTB 2
Workorder: E402181
Date Received: 2/21/2024 5:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/21/2024 5:30:00AM, under the Project Name: Snapping 12 CTB 2.

The analytical test results summarized in this report with the Project Name: Snapping 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,

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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Snapping 12 CTB 2	Reported: 02/22/24 16:55
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS21-Bottom	E402181-01A	Soil	02/19/24	02/21/24	Glass Jar, 2 oz.
CS22-Bottom	E402181-02A	Soil	02/19/24	02/21/24	Glass Jar, 2 oz.
CS23-Bottom	E402181-03A	Soil	02/19/24	02/21/24	Glass Jar, 2 oz.
CS24-Bottom	E402181-04A	Soil	02/19/24	02/21/24	Glass Jar, 2 oz.
CSW1	E402181-05A	Soil	02/19/24	02/21/24	Glass Jar, 2 oz.
CSW2	E402181-06A	Soil	02/19/24	02/21/24	Glass Jar, 2 oz.
CSW3	E402181-07A	Soil	02/19/24	02/21/24	Glass Jar, 2 oz.
CSW4	E402181-08A	Soil	02/19/24	02/21/24	Glass Jar, 2 oz.
CSW5	E402181-09A	Soil	02/19/24	02/21/24	Glass Jar, 2 oz.
CSW6	E402181-10A	Soil	02/19/24	02/21/24	Glass Jar, 2 oz.
CSW7	E402181-11A	Soil	02/19/24	02/21/24	Glass Jar, 2 oz.
CSW8	E402181-12A	Soil	02/19/24	02/21/24	Glass Jar, 2 oz.
CSW9	E402181-13A	Soil	02/19/24	02/21/24	Glass Jar, 2 oz.
CSW10	E402181-14A	Soil	02/19/24	02/21/24	Glass Jar, 2 oz.
CSW11	E402181-15A	Soil	02/19/24	02/21/24	Glass Jar, 2 oz.
CSW12	E402181-16A	Soil	02/19/24	02/21/24	Glass Jar, 2 oz.
CSW13	E402181-17A	Soil	02/19/24	02/21/24	Glass Jar, 2 oz.
CSW14	E402181-18A	Soil	02/19/24	02/21/24	Glass Jar, 2 oz.



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/22/2024 4:55:26PM

CS21-Bottom

E402181-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2408047	
Benzene	ND	0.0250	1	02/21/24	02/21/24	
Ethylbenzene	ND	0.0250	1	02/21/24	02/21/24	
Toluene	ND	0.0250	1	02/21/24	02/21/24	
o-Xylene	ND	0.0250	1	02/21/24	02/21/24	
p,m-Xylene	ND	0.0500	1	02/21/24	02/21/24	
Total Xylenes	ND	0.0250	1	02/21/24	02/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.2 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2408047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/21/24	02/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.3 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2408045	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/24	02/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/21/24	
<i>Surrogate: n-Nonane</i>						
	106 %	50-200		02/21/24	02/21/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2408055	
Chloride	ND	20.0	1	02/21/24	02/21/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Snapping 12 CTB 2	Reported: 2/22/2024 4:55:26PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CS22-Bottom
E402181-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2408047	
Benzene	ND	0.0250	1	02/21/24	02/21/24	
Ethylbenzene	ND	0.0250	1	02/21/24	02/21/24	
Toluene	ND	0.0250	1	02/21/24	02/21/24	
o-Xylene	ND	0.0250	1	02/21/24	02/21/24	
p,m-Xylene	ND	0.0500	1	02/21/24	02/21/24	
Total Xylenes	ND	0.0250	1	02/21/24	02/21/24	
Surrogate: 4-Bromochlorobenzene-PID	97.0 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2408047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/21/24	02/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	90.8 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2408045	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/24	02/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/21/24	
Surrogate: n-Nonane	119 %	50-200		02/21/24	02/21/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2408055	
Chloride	ND	20.0	1	02/21/24	02/21/24	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/22/2024 4:55:26PM

CS23-Bottom

E402181-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2408047	
Benzene	ND	0.0250	1	02/21/24	02/21/24	
Ethylbenzene	ND	0.0250	1	02/21/24	02/21/24	
Toluene	ND	0.0250	1	02/21/24	02/21/24	
o-Xylene	ND	0.0250	1	02/21/24	02/21/24	
p,m-Xylene	ND	0.0500	1	02/21/24	02/21/24	
Total Xylenes	ND	0.0250	1	02/21/24	02/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.7 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2408047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/21/24	02/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.0 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2408045	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/24	02/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/21/24	
<i>Surrogate: n-Nonane</i>						
	108 %	50-200		02/21/24	02/21/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2408055	
Chloride	ND	20.0	1	02/21/24	02/21/24	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/22/2024 4:55:26PM

CS24-Bottom

E402181-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: BA		Batch: 2408047
Benzene	ND	0.0250	1	02/21/24	02/21/24	
Ethylbenzene	ND	0.0250	1	02/21/24	02/21/24	
Toluene	ND	0.0250	1	02/21/24	02/21/24	
o-Xylene	ND	0.0250	1	02/21/24	02/21/24	
p,m-Xylene	ND	0.0500	1	02/21/24	02/21/24	
Total Xylenes	ND	0.0250	1	02/21/24	02/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.7 %	70-130	02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: BA		Batch: 2408047
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/21/24	02/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.7 %	70-130	02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: KM		Batch: 2408045
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/24	02/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/21/24	
<i>Surrogate: n-Nonane</i>		100 %	50-200	02/21/24	02/21/24	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: IY		Batch: 2408055
Chloride	ND	20.0	1	02/21/24	02/21/24	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/22/2024 4:55:26PM

CSW1

E402181-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2408047
Benzene	ND	0.0250	1	02/21/24	02/21/24	
Ethylbenzene	ND	0.0250	1	02/21/24	02/21/24	
Toluene	ND	0.0250	1	02/21/24	02/21/24	
o-Xylene	ND	0.0250	1	02/21/24	02/21/24	
p,m-Xylene	ND	0.0500	1	02/21/24	02/21/24	
Total Xylenes	ND	0.0250	1	02/21/24	02/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.9 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2408047
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/21/24	02/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.2 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2408045
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/24	02/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/21/24	
<i>Surrogate: n-Nonane</i>						
	107 %	50-200		02/21/24	02/21/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2408055
Chloride	ND	20.0	1	02/21/24	02/21/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Snapping 12 CTB 2	Reported: 2/22/2024 4:55:26PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CSW2

E402181-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2408047	
Benzene	ND	0.0250	1	02/21/24	02/21/24	
Ethylbenzene	ND	0.0250	1	02/21/24	02/21/24	
Toluene	ND	0.0250	1	02/21/24	02/21/24	
o-Xylene	ND	0.0250	1	02/21/24	02/21/24	
p,m-Xylene	ND	0.0500	1	02/21/24	02/21/24	
Total Xylenes	ND	0.0250	1	02/21/24	02/21/24	
Surrogate: 4-Bromochlorobenzene-PID	97.9 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2408047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/21/24	02/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	90.9 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2408045	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/24	02/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/21/24	
Surrogate: n-Nonane	108 %	50-200		02/21/24	02/21/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2408055	
Chloride	ND	20.0	1	02/21/24	02/21/24	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/22/2024 4:55:26PM

CSW3

E402181-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2408047	
Benzene	ND	0.0250	1	02/21/24	02/21/24	
Ethylbenzene	ND	0.0250	1	02/21/24	02/21/24	
Toluene	ND	0.0250	1	02/21/24	02/21/24	
o-Xylene	ND	0.0250	1	02/21/24	02/21/24	
p,m-Xylene	ND	0.0500	1	02/21/24	02/21/24	
Total Xylenes	ND	0.0250	1	02/21/24	02/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.5 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2408047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/21/24	02/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.4 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2408045	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/24	02/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/21/24	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		02/21/24	02/21/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2408055	
Chloride	ND	20.0	1	02/21/24	02/21/24	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/22/2024 4:55:26PM

CSW4

E402181-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2408047	
Benzene	ND	0.0250	1	02/21/24	02/21/24	
Ethylbenzene	ND	0.0250	1	02/21/24	02/21/24	
Toluene	ND	0.0250	1	02/21/24	02/21/24	
o-Xylene	ND	0.0250	1	02/21/24	02/21/24	
p,m-Xylene	ND	0.0500	1	02/21/24	02/21/24	
Total Xylenes	ND	0.0250	1	02/21/24	02/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.9 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2408047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/21/24	02/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.8 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2408045	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/24	02/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/21/24	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		02/21/24	02/21/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2408055	
Chloride	ND	20.0	1	02/21/24	02/21/24	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/22/2024 4:55:26PM

CSW5

E402181-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2408047
Benzene	ND	0.0250	1	02/21/24	02/21/24	
Ethylbenzene	ND	0.0250	1	02/21/24	02/21/24	
Toluene	ND	0.0250	1	02/21/24	02/21/24	
o-Xylene	ND	0.0250	1	02/21/24	02/21/24	
p,m-Xylene	ND	0.0500	1	02/21/24	02/21/24	
Total Xylenes	ND	0.0250	1	02/21/24	02/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.2 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2408047
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/21/24	02/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.8 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2408045
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/24	02/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/21/24	
<i>Surrogate: n-Nonane</i>						
	89.1 %	50-200		02/21/24	02/21/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2408055
Chloride	ND	20.0	1	02/21/24	02/21/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Snapping 12 CTB 2	Reported: 2/22/2024 4:55:26PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CSW6

E402181-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2408047	
Benzene	ND	0.0250	1	02/21/24	02/21/24	
Ethylbenzene	ND	0.0250	1	02/21/24	02/21/24	
Toluene	ND	0.0250	1	02/21/24	02/21/24	
o-Xylene	ND	0.0250	1	02/21/24	02/21/24	
p,m-Xylene	ND	0.0500	1	02/21/24	02/21/24	
Total Xylenes	ND	0.0250	1	02/21/24	02/21/24	
Surrogate: 4-Bromochlorobenzene-PID	98.4 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2408047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/21/24	02/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.0 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2408045	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/24	02/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/21/24	
Surrogate: n-Nonane	89.6 %	50-200		02/21/24	02/21/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2408055	
Chloride	ND	20.0	1	02/21/24	02/21/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Snapping 12 CTB 2	Reported: 2/22/2024 4:55:26PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CSW7

E402181-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2408047	
Benzene	ND	0.0250	1	02/21/24	02/21/24	
Ethylbenzene	ND	0.0250	1	02/21/24	02/21/24	
Toluene	ND	0.0250	1	02/21/24	02/21/24	
o-Xylene	ND	0.0250	1	02/21/24	02/21/24	
p,m-Xylene	ND	0.0500	1	02/21/24	02/21/24	
Total Xylenes	ND	0.0250	1	02/21/24	02/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.9 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2408047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/21/24	02/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.4 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2408045	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/24	02/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/21/24	
<i>Surrogate: n-Nonane</i>						
	91.5 %	50-200		02/21/24	02/21/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2408055	
Chloride	ND	20.0	1	02/21/24	02/21/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Snapping 12 CTB 2	Reported: 2/22/2024 4:55:26PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CSW8

E402181-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2408047	
Benzene	ND	0.0250	1	02/21/24	02/21/24	
Ethylbenzene	ND	0.0250	1	02/21/24	02/21/24	
Toluene	ND	0.0250	1	02/21/24	02/21/24	
o-Xylene	ND	0.0250	1	02/21/24	02/21/24	
p,m-Xylene	ND	0.0500	1	02/21/24	02/21/24	
Total Xylenes	ND	0.0250	1	02/21/24	02/21/24	
Surrogate: 4-Bromochlorobenzene-PID	97.8 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2408047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/21/24	02/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	90.5 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2408045	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/24	02/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/21/24	
Surrogate: n-Nonane	99.9 %	50-200		02/21/24	02/21/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2408055	
Chloride	ND	20.0	1	02/21/24	02/21/24	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/22/2024 4:55:26PM

CSW9

E402181-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2408047	
Benzene	ND	0.0250	1	02/21/24	02/21/24	
Ethylbenzene	ND	0.0250	1	02/21/24	02/21/24	
Toluene	ND	0.0250	1	02/21/24	02/21/24	
o-Xylene	ND	0.0250	1	02/21/24	02/21/24	
p,m-Xylene	ND	0.0500	1	02/21/24	02/21/24	
Total Xylenes	ND	0.0250	1	02/21/24	02/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.0 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2408047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/21/24	02/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.3 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2408045	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/24	02/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/21/24	
<i>Surrogate: n-Nonane</i>						
	90.1 %	50-200		02/21/24	02/21/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2408055	
Chloride	ND	20.0	1	02/21/24	02/21/24	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/22/2024 4:55:26PM

CSW10

E402181-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2408047	
Benzene	ND	0.0250	1	02/21/24	02/21/24	
Ethylbenzene	ND	0.0250	1	02/21/24	02/21/24	
Toluene	ND	0.0250	1	02/21/24	02/21/24	
o-Xylene	ND	0.0250	1	02/21/24	02/21/24	
p,m-Xylene	ND	0.0500	1	02/21/24	02/21/24	
Total Xylenes	ND	0.0250	1	02/21/24	02/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.2 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2408047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/21/24	02/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.9 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2408045	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/24	02/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/21/24	
<i>Surrogate: n-Nonane</i>						
	87.2 %	50-200		02/21/24	02/21/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2408055	
Chloride	ND	20.0	1	02/21/24	02/21/24	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/22/2024 4:55:26PM

CSW11

E402181-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2408047
Benzene	ND	0.0250	1	02/21/24	02/21/24	
Ethylbenzene	ND	0.0250	1	02/21/24	02/21/24	
Toluene	ND	0.0250	1	02/21/24	02/21/24	
o-Xylene	ND	0.0250	1	02/21/24	02/21/24	
p,m-Xylene	ND	0.0500	1	02/21/24	02/21/24	
Total Xylenes	ND	0.0250	1	02/21/24	02/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.0 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2408047
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/21/24	02/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.4 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2408045
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/24	02/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/21/24	
<i>Surrogate: n-Nonane</i>						
	85.9 %	50-200		02/21/24	02/21/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2408055
Chloride	ND	20.0	1	02/21/24	02/21/24	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/22/2024 4:55:26PM

CSW12

E402181-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2408047	
Benzene	ND	0.0250	1	02/21/24	02/21/24	
Ethylbenzene	ND	0.0250	1	02/21/24	02/21/24	
Toluene	ND	0.0250	1	02/21/24	02/21/24	
o-Xylene	ND	0.0250	1	02/21/24	02/21/24	
p,m-Xylene	ND	0.0500	1	02/21/24	02/21/24	
Total Xylenes	ND	0.0250	1	02/21/24	02/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.6 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2408047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/21/24	02/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.7 %	70-130		02/21/24	02/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2408045	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/24	02/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/21/24	
<i>Surrogate: n-Nonane</i>						
	85.8 %	50-200		02/21/24	02/21/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2408055	
Chloride	ND	20.0	1	02/21/24	02/21/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Snapping 12 CTB 2	Reported: 2/22/2024 4:55:26PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CSW13

E402181-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2408047	
Benzene	ND	0.0250	1	02/21/24	02/22/24	
Ethylbenzene	ND	0.0250	1	02/21/24	02/22/24	
Toluene	ND	0.0250	1	02/21/24	02/22/24	
o-Xylene	ND	0.0250	1	02/21/24	02/22/24	
p,m-Xylene	ND	0.0500	1	02/21/24	02/22/24	
Total Xylenes	ND	0.0250	1	02/21/24	02/22/24	
Surrogate: 4-Bromochlorobenzene-PID	93.7 %	70-130		02/21/24	02/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2408047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/21/24	02/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.7 %	70-130		02/21/24	02/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2408045	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/24	02/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/22/24	
Surrogate: n-Nonane	109 %	50-200		02/21/24	02/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2408055	
Chloride	ND	20.0	1	02/21/24	02/22/24	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/22/2024 4:55:26PM

CSW14

E402181-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2408047
Benzene	ND	0.0250	1	02/21/24	02/22/24	
Ethylbenzene	ND	0.0250	1	02/21/24	02/22/24	
Toluene	ND	0.0250	1	02/21/24	02/22/24	
o-Xylene	ND	0.0250	1	02/21/24	02/22/24	
p,m-Xylene	ND	0.0500	1	02/21/24	02/22/24	
Total Xylenes	ND	0.0250	1	02/21/24	02/22/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.7 %	70-130		02/21/24	02/22/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2408047
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/21/24	02/22/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.8 %	70-130		02/21/24	02/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2408045
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/24	02/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/24	02/22/24	
<i>Surrogate: n-Nonane</i>						
	107 %	50-200		02/21/24	02/22/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2408055
Chloride	ND	20.0	1	02/21/24	02/22/24	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Snapping 12 CTB 2	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/22/2024 4:55:26PM

Volatile Organics by EPA 8021B

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 (2408047-BLK1) Prepared: 02/21/24 Analyzed: 02/22/24

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	7.61		8.00		95.1	70-130			

LCS (2408047-BS1) Prepared: 02/21/24 Analyzed: 02/22/24

Benzene	5.08	0.0250	5.00		102	70-130			
Ethylbenzene	4.95	0.0250	5.00		98.9	70-130			
Toluene	5.08	0.0250	5.00		102	70-130			
o-Xylene	5.01	0.0250	5.00		100	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.1	0.0250	15.0		101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.68		8.00		96.0	70-130			

Matrix Spike (2408047-MS1) Source: E402181-05 Prepared: 02/21/24 Analyzed: 02/22/24

Benzene	5.06	0.0250	5.00	ND	101	54-133			
Ethylbenzene	4.93	0.0250	5.00	ND	98.7	61-133			
Toluene	5.06	0.0250	5.00	ND	101	61-130			
o-Xylene	5.00	0.0250	5.00	ND	100	63-131			
p,m-Xylene	10.1	0.0500	10.0	ND	101	63-131			
Total Xylenes	15.1	0.0250	15.0	ND	101	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.71		8.00		96.3	70-130			

Matrix Spike Dup (2408047-MSD1) Source: E402181-05 Prepared: 02/21/24 Analyzed: 02/22/24

Benzene	5.07	0.0250	5.00	ND	101	54-133	0.164	20	
Ethylbenzene	4.97	0.0250	5.00	ND	99.3	61-133	0.691	20	
Toluene	5.08	0.0250	5.00	ND	102	61-130	0.422	20	
o-Xylene	5.04	0.0250	5.00	ND	101	63-131	0.683	20	
p,m-Xylene	10.1	0.0500	10.0	ND	101	63-131	0.665	20	
Total Xylenes	15.2	0.0250	15.0	ND	101	63-131	0.671	20	
Surrogate: 4-Bromochlorobenzene-PID	7.72		8.00		96.5	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Snapping 12 CTB 2	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/22/2024 4:55:26PM

Nonhalogenated Organics by EPA 8015D - GRO

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 (2408047-BLK1) Prepared: 02/21/24 Analyzed: 02/22/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.30		8.00		91.3	70-130			

LCS (2408047-BS2) Prepared: 02/21/24 Analyzed: 02/22/24

Gasoline Range Organics (C6-C10)	47.6	20.0	50.0		95.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.45		8.00		93.1	70-130			

Matrix Spike (2408047-MS2) Source: E402181-05 Prepared: 02/21/24 Analyzed: 02/22/24

Gasoline Range Organics (C6-C10)	48.3	20.0	50.0	ND	96.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.41		8.00		92.6	70-130			

Matrix Spike Dup (2408047-MSD2) Source: E402181-05 Prepared: 02/21/24 Analyzed: 02/22/24

Gasoline Range Organics (C6-C10)	48.4	20.0	50.0	ND	96.7	70-130	0.199	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.41		8.00		92.6	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Snapping 12 CTB 2	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/22/2024 4:55:26PM

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 (2408045-BLK1)					Prepared: 02/21/24 Analyzed: 02/21/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.5		50.0		105	50-200			

LCS (2408045-BS1)					Prepared: 02/21/24 Analyzed: 02/21/24				
Diesel Range Organics (C10-C28)	246	25.0	250		98.2	38-132			
Surrogate: n-Nonane	51.9		50.0		104	50-200			

Matrix Spike (2408045-MS1)					Source: E402181-04		Prepared: 02/21/24 Analyzed: 02/21/24		
Diesel Range Organics (C10-C28)	282	25.0	250	ND	113	38-132			
Surrogate: n-Nonane	58.1		50.0		116	50-200			

Matrix Spike Dup (2408045-MSD1)					Source: E402181-04		Prepared: 02/21/24 Analyzed: 02/21/24		
Diesel Range Organics (C10-C28)	255	25.0	250	ND	102	38-132	9.94	20	
Surrogate: n-Nonane	52.4		50.0		105	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Snapping 12 CTB 2	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/22/2024 4:55:26PM

Anions by EPA 300.0/9056A

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 (2408055-BLK1)					Prepared: 02/21/24 Analyzed: 02/21/24				
Chloride	ND	20.0							
LCS (2408055-BS1)					Prepared: 02/21/24 Analyzed: 02/21/24				
Chloride	248	20.0	250		99.2	90-110			
Matrix Spike (2408055-MS1)					Source: E402181-02		Prepared: 02/21/24 Analyzed: 02/21/24		
Chloride	250	20.0	250	ND	99.8	80-120			
Matrix Spike Dup (2408055-MSD1)					Source: E402181-02		Prepared: 02/21/24 Analyzed: 02/21/24		
Chloride	251	20.0	250	ND	100	80-120	0.647	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:	Snapping 12 CTB 2	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	02/22/24 16:55

- 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 3 of 4

Client: Pima Environmental Services Project: Snapping 12 CTB 2 Project Manager: Tom Bynum Address: 5614 N. Lovington Hwy. City, State, Zip: Hobbs, NM, 88240 Phone: 580-748-1613 Email: tom@pimaoil.com Report due by:					Bill To Attention: Devon Address: City, State, Zip: Phone: Email: Pima Project # 160-4					Lab Use Only Lab Work: E 402181 Job Number: 0058-0007 Analysis and Method:					TAT 1D 2D 3D Standard				EPA Program CWA SDWA	
														RCRA						
														State NM CO UT AZ TX						
														Remarks						
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							
11:36	2/19	S		CS21 - Bottom	1							X								
11:45				CS22 - Bottom	2															
11:57				CS23 - Bottom	3															
12:16				CS24 - Bottom	4															
12:27				CSW1	5															
12:35				CSW2	6															
12:46				CSW3	7															
12:51				CSW4	8															
1:11				CSW5	9															
1:17				CSW6	10															
Additional Instructions: Billing # 21266744																				
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																				
Relinquished by: (Signature) <i>Yarime Adams</i> Date 2/20/24 Time 1:30 Received by: (Signature) <i>Michael Ough</i> Date 2-20-24 Time 1:30																				
Relinquished by: (Signature) <i>Michael Ough</i> Date 2-20-24 Time 1:15 Received by: (Signature) <i>Andrew Huss</i> Date 2-20-24 Time 1:00																				
Relinquished by: (Signature) <i>Andrew Huss</i> Date 2-20-24 Time 2:40 Received by: (Signature) <i>Michael Ough</i> Date 2-21-24 Time 0530																				
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																				
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 4 of 4

Client: Pima Environmental Services Project: <u>Shopping 12 CH2</u> Project Manager: Tom Bynum Address: 5614 N. Lovington Hwy. City, State, Zip: Hobbs, NM, 88240 Phone: 580-748-1613 Email: tom@pimaoil.com Report due by:					Attention: <u>Devon</u> Address: City, State, Zip: Phone: Email: Pima Project # <u>160-4</u>					Lab Use Only Lab Work: <u>E 402181</u> Job Number: <u>101058-0007</u>					TAT 1D ☒ 2D ☐ 3D ☐ Standard				EPA Program CWA ☐ SDWA ☐ RCRA ☐	
					Analysis and Method DRO/DRO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX					State NM ☒ CO ☐ UT ☐ AZ ☐ TX ☐										
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number												Remarks			
1:33	2/19	S		CSW7	11															
1:42				CSW8	12															
1:56				CSW9	13															
2:07				CSW10	14															
2:13				CSW11	15															
2:21				CSW12	16															
2:29				CSW13	17															
2:35				CSW14	18															
Additional Instructions: <u>Billing # 2/266744</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.																				
Relinquished by: (Signature) <u>Karime Adams</u> Date <u>2/20/24</u> Time <u>1:30</u>																				
Received by: (Signature) <u>Michelle Gay</u> Date <u>2-20-24</u> Time <u>1:30</u>																				
Relinquished by: (Signature) <u>Michelle Gay</u> Date <u>2-20-24</u> Time <u>1:45</u>																				
Received by: (Signature) <u>Andrew H. S.</u> Date <u>2-20-24</u> Time <u>1:00</u>																				
Relinquished by: (Signature) <u>Andrew H. S.</u> Date <u>2-20-24</u> Time <u>2:40</u>																				
Received by: (Signature) <u>Wynne K. H.</u> Date <u>2-21-24</u> Time <u>0530</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: 2/21/2024 10:32:56AM

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:	02/21/24 05:30	Work Order ID:	E402181
Phone:	(575) 631-6977	Date Logged In:	02/20/24 15:34	Logged In By:	Alexa Michaels
Email:	tom@pimaoil.com	Due Date:	02/21/24 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

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

Carrier: CourierSample 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 InstructionComments/Resolution

Project : Snapping 12 CTB 2 has been separated into two WO due to high sample volume. WO are as follows: E4020180 and E402181.

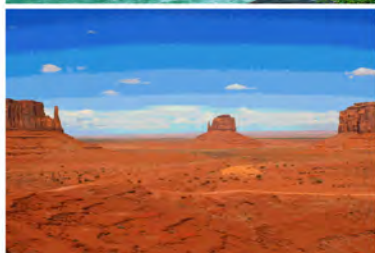
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Delrae Geller



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services

Project Name: Snapping 12 CTB 2

Work Order: E504263

Job Number: 01058-0007

Received: 4/28/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/2/25

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: 5/2/25

Delrae Geller
PO Box 247
Plains, TX 79355-0247



Project Name: Snapping 12 CTB 2
Workorder: E504263
Date Received: 4/28/2025 6:30:00AM

Delrae Geller,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/28/2025 6:30:00AM, under the Project Name: Snapping 12 CTB 2.

The analytical test results summarized in this report with the Project Name: Snapping 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,

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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
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mgonzaless@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Snapping 12 CTB 2	Reported: 05/02/25 08:26
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
backfill 1	E504263-01A	Soil	04/24/25	04/28/25	Glass Jar, 2 oz.
backfill 2	E504263-02A	Soil	04/24/25	04/28/25	Glass Jar, 2 oz.



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
5/2/2025 8:26:08AM

backfill 1

E504263-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2518001	
Benzene	ND	0.0250	1	04/28/25	04/28/25	
Ethylbenzene	ND	0.0250	1	04/28/25	04/28/25	
Toluene	ND	0.0250	1	04/28/25	04/28/25	
o-Xylene	ND	0.0250	1	04/28/25	04/28/25	
p,m-Xylene	ND	0.0500	1	04/28/25	04/28/25	
Total Xylenes	ND	0.0250	1	04/28/25	04/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.3 %	70-130		04/28/25	04/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2518001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/25	04/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	88.9 %	70-130		04/28/25	04/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2518027	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/25	04/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/25	04/29/25	
<i>Surrogate: n-Nonane</i>	91.9 %	61-141		04/29/25	04/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2518013	
Chloride	ND	20.0	1	04/28/25	04/28/25	



Sample Data

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

Project Name: Snapping 12 CTB 2
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
5/2/2025 8:26:08AM

backfill 2

E504263-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2518001
Benzene	ND	0.0250	1	04/28/25	04/28/25	
Ethylbenzene	ND	0.0250	1	04/28/25	04/28/25	
Toluene	ND	0.0250	1	04/28/25	04/28/25	
o-Xylene	ND	0.0250	1	04/28/25	04/28/25	
p,m-Xylene	ND	0.0500	1	04/28/25	04/28/25	
Total Xylenes	ND	0.0250	1	04/28/25	04/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.5 %	70-130		04/28/25	04/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2518001
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/25	04/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.2 %	70-130		04/28/25	04/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2518027
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/25	04/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/25	04/29/25	
<i>Surrogate: n-Nonane</i>						
	96.6 %	61-141		04/29/25	04/29/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2518013
Chloride	ND	20.0	1	04/28/25	04/28/25	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Snapping 12 CTB 2	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	5/2/2025 8:26:08AM

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 (2518001-BLK1) Prepared: 04/28/25 Analyzed: 04/28/25

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	7.80		8.00		97.5	70-130			

LCS (2518001-BS1) Prepared: 04/28/25 Analyzed: 04/28/25

Benzene	4.10	0.0250	5.00		82.1	70-130			
Ethylbenzene	4.04	0.0250	5.00		80.8	70-130			
Toluene	4.09	0.0250	5.00		81.8	70-130			
o-Xylene	4.08	0.0250	5.00		81.5	70-130			
p,m-Xylene	8.10	0.0500	10.0		81.0	70-130			
Total Xylenes	12.2	0.0250	15.0		81.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.16		8.00		102	70-130			

Matrix Spike (2518001-MS1) Source: E504265-01 Prepared: 04/28/25 Analyzed: 04/28/25

Benzene	5.22	0.0250	5.00	ND	104	70-130			
Ethylbenzene	5.15	0.0250	5.00	ND	103	70-130			
Toluene	5.21	0.0250	5.00	ND	104	70-130			
o-Xylene	5.13	0.0250	5.00	ND	103	70-130			
p,m-Xylene	10.3	0.0500	10.0	ND	103	70-130			
Total Xylenes	15.4	0.0250	15.0	ND	103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.10		8.00		101	70-130			

Matrix Spike Dup (2518001-MSD1) Source: E504265-01 Prepared: 04/28/25 Analyzed: 04/28/25

Benzene	4.72	0.0250	5.00	ND	94.4	70-130	10.0	27	
Ethylbenzene	4.66	0.0250	5.00	ND	93.3	70-130	10.0	26	
Toluene	4.71	0.0250	5.00	ND	94.2	70-130	10.1	20	
o-Xylene	4.66	0.0250	5.00	ND	93.1	70-130	9.76	25	
p,m-Xylene	9.32	0.0500	10.0	ND	93.2	70-130	9.91	23	
Total Xylenes	14.0	0.0250	15.0	ND	93.2	70-130	9.86	26	
Surrogate: 4-Bromochlorobenzene-PID	7.99		8.00		99.9	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Snapping 12 CTB 2	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	5/2/2025 8:26:08AM

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 (2518001-BLK1) Prepared: 04/28/25 Analyzed: 04/28/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.96		8.00		99.5	70-130			

LCS (2518001-BS2) Prepared: 04/28/25 Analyzed: 04/28/25

Gasoline Range Organics (C6-C10)	46.3	20.0	50.0		92.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.73		8.00		96.6	70-130			

Matrix Spike (2518001-MS2) Source: E504265-01 Prepared: 04/28/25 Analyzed: 04/28/25

Gasoline Range Organics (C6-C10)	46.4	20.0	50.0	ND	92.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.59		8.00		94.9	70-130			

Matrix Spike Dup (2518001-MSD2) Source: E504265-01 Prepared: 04/28/25 Analyzed: 04/28/25

Gasoline Range Organics (C6-C10)	48.9	20.0	50.0	ND	97.8	70-130	5.29	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.63		8.00		82.9	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Snapping 12 CTB 2	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	5/2/2025 8:26:08AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

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 (2518027-BLK1)					Prepared: 04/29/25 Analyzed: 04/29/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.7		50.0		93.4	61-141			

LCS (2518027-BS1)					Prepared: 04/29/25 Analyzed: 04/29/25				
Diesel Range Organics (C10-C28)	270	25.0	250		108	66-144			
Surrogate: n-Nonane	48.2		50.0		96.3	61-141			

Matrix Spike (2518027-MS1)					Source: E504135-01RE1 Prepared: 04/29/25 Analyzed: 04/29/25				
Diesel Range Organics (C10-C28)	1310	25.0	250	1080	91.6	56-156			
Surrogate: n-Nonane	45.8		50.0		91.6	61-141			

Matrix Spike Dup (2518027-MSD1)					Source: E504135-01RE1 Prepared: 04/29/25 Analyzed: 04/29/25				
Diesel Range Organics (C10-C28)	1260	25.0	250	1080	72.6	56-156	3.69	20	
Surrogate: n-Nonane	41.7		50.0		83.4	61-141			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Snapping 12 CTB 2	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	5/2/2025 8:26:08AM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2518013-BLK1)					Prepared: 04/28/25 Analyzed: 04/28/25				
Chloride	ND	20.0							
LCS (2518013-BS1)					Prepared: 04/28/25 Analyzed: 04/28/25				
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2518013-MS1)					Source: E504263-02		Prepared: 04/28/25 Analyzed: 04/28/25		
Chloride	267	20.0	250	ND	107	80-120			
Matrix Spike Dup (2518013-MSD1)					Source: E504263-02		Prepared: 04/28/25 Analyzed: 04/28/25		
Chloride	266	20.0	250	ND	106	80-120	0.313	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:	Snapping 12 CTB 2	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Delrae Geller	05/02/25 08:26

- 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.



Client Information				Invoice Information				Lab Use Only				TAT				State																							
Client: Pima Environmental Services, LLC				Company: Ridgeway				Lab WO#		Job Number		1D		2D		3D		Std		NM		CO		UT		TX													
Project Name: Snapping 12 CTB 2				Address:				E504263		01056-0057								x		X																			
Project Manager: DelRae Geller				City, State, Zip:																																			
Address: 5614 N Lovington Hwy				Phone:																																			
City, State, Zip: Hobbs, NM 88240				Email:																																			
Phone: 806-724-5391				Miscellaneous: Project No. #1-160-4																																			
Email: delrae@pimail.com																																							
Sample Information														Analysis and Method														EPA Program											
Time Sampled		Date Sampled		Matrix		No. of Containers		Sample ID				Field Filter		Lab Number		DRO/ORO by 8015		GRO/DRO by 8015		BTEX by 8021		VOC by 8260		Chloride 300.0		BGDOC - NM		TCEQ 1005 - TX		RCRA 8 Metals		Cation/Anion Pkg		SDWA		CWA		RCRA	
8:53		4/24/25		S				backfill 1				1																											
9:00		4/24/25		S				backfill 2				2																											

Envirotech Analytical Laboratory

Printed: 4/28/2025 9:15:31AM

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:	04/28/25 06:30	Work Order ID:	E504263
Phone:	(575) 631-6977	Date Logged In:	04/25/25 15:06	Logged In By:	Caitlin Mars
Email:		Due Date:	05/02/25 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/Resolution

No of containers not provided 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? Yes

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

13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

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.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS

Action 459938

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 459938
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2334722258
Incident Name	NAPP2334722258 SNAPPING 12 CTB 2 @ 0
Incident Type	Oil Release
Incident Status	Reclamation Report Received
Incident Facility	[fAB1922153543] SNAPPING 12 CTB 2

Location of Release Source

Please answer all the questions in this group.

Site Name	SNAPPING 12 CTB 2
Date Release Discovered	12/12/2023
Surface Owner	Federal

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 Pump Crude Oil Released: 10 BBL Recovered: 10 BBL Lost: 0 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)	Operator found oil around the LACT and containment wall. The seal went out on the LACT causing the spill. The inlet and outlet valves on the LACT skid were shut to isolate and stop the leak. 10.1 bbls spilled. 10 bbls recovered. Spill impacted the pad.

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Action 459938

QUESTIONS (continued)

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QUESTIONS

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

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 02/29/2024
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Action 459938

QUESTIONS (continued)

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QUESTIONS

Site Characterization	
<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
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Zero feet, overlying, or within area
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	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	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	High
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<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
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	58
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	22278
GRO+DRO (EPA SW-846 Method 8015M)	18920
BTEX (EPA SW-846 Method 8021B or 8260B)	164
Benzene (EPA SW-846 Method 8021B or 8260B)	4
<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	02/13/2024
On what date will (or did) the final sampling or liner inspection occur	02/19/2024
On what date will (or was) the remediation complete(d)	02/23/2024
What is the estimated surface area (in square feet) that will be reclaimed	4256
What is the estimated volume (in cubic yards) that will be reclaimed	472
What is the estimated surface area (in square feet) that will be remediated	4256
What is the estimated volume (in cubic yards) that will be remediated	472
<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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Action 459938

QUESTIONS (continued)

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QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	R360 ARTESIA LLC LANDFARM [FEEM0112340644]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site 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)	No
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 02/29/2024
<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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Action 459938

QUESTIONS (continued)

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

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

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Action 459938

QUESTIONS (continued)

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QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	314982
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/19/2024
What was the (estimated) number of samples that were to be gathered	36
What was the sampling surface area in square feet	4256

Remediation Closure Request

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

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	4256
What was the total volume (cubic yards) remediated	472
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	4256
What was the total volume (in cubic yards) reclaimed	472
Summarize any additional remediation activities not included by answers (above)	see report

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

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

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dvn.com Date: 02/29/2024
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Action 459938

QUESTIONS (continued)

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QUESTIONS

Reclamation Report	
<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	4256
What was the total volume of replacement material (in cubic yards) for this site	472
<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)	Site was remediated/reclaimed to <50' DGW Table 1 NMAC.
<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@dmv.com Date: 05/07/2025

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Action 459938

QUESTIONS (continued)

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	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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CONDITIONS

Action 459938

CONDITIONS

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	Action Number: 459938
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CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	The reclamation report has been approved pursuant to 19.15.29.13 E. NMAC. The acceptance of this 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; or if the location fails to revegetate properly. In addition, the OCD approval does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.	5/14/2025
michael.buchanan	A reclamation report will not be accepted until reclamation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	5/14/2025
michael.buchanan	The Reclamation Report is accepted as part of the record. OCD notes that the facility will not be able to meet reclamation until the facility has been decommissioned and is no longer in use and able to serve production.	5/14/2025