

REMEDIATION CLOSURE REPORT

PREPARED FOR:
DEVON ENERGY PRODUCTION, LP.

PREPARED BY:
PIMA ENVIRONMENTAL SERIVCES, LLC.

May 29, 2025

PIMA ENVIRONMENTAL SERVICES, LLC.
5614 N LOVINGTON HWY, HOBBS, NM 88240

May 29, 2025

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

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

RE: REMEDIATION CLOSURE REPORT
LOCATION:
Cotton Draw Unit #153H- NAB1911658680
Cotton Draw Unit #117H- NAB1808251008
WELL API: 30-015-38434
GPS: 32.1671715, -103.7645721
INCIDENT LOCATION: O-34-T24S-R31E
COUNTY: Eddy

Pima Environmental Services, LLC. (Pima) has been contracted by Devon Energy Production Company, LP (Devon) to perform a spill assessment, remediation, and write this Remediation Closure Report for two separate incidents that occurred at the Cotton Draw Unit #153H Central Tank Battery.

The first incident, Cotton Draw Unit #153H, was discovered on August 14, 2018. An initial C-141 form was submitted on April 4, 2019, and approved by the NMOCD on April 26, 2019. This incident was assigned Incident ID: NAB1911658680, by the New Mexico Oil Conservation Division (NMOCD). A previous report was submitted by MMX on April 27, 2020 (Application ID: 5194) and included incident ID: NAB1808251008. This report was denied by the NMOCD. Pima was assigned to these projects.

The second incident, Cotton Draw Unit #117H, was discovered on March 11, 2018. An initial C-141 form was submitted on March 22, 2018, and approved by the NMOCD on March 23, 2018. This incident was assigned Incident ID: NAB1808251008, by the New Mexico Oil Conservation Division (NMOCD).

RELEASE INFORMATION

NAB1911658680: On August 14, 2018, a bad valve on the header allowed fluid to flow into the water knockout. The heater was closed due to a leak resulting in release. Lines were isolated. The released fluids were calculated to be approximately 4.97 barrels (bbls) of crude oil, and 5 barrels of produced water. A vacuum truck was called and was able to recover 3 bbls of crude oil and 2.5 bbls of produced water.

NAB1808251008: On March 11, 2018, the heater dump was plugged up, causing heater to swamp out and released fluids onto location. A portion of the location was affected by the release to the ground and a portion of the location was affected by misting overspray. All fluids stayed on location. The released fluids were calculated to be approximately

13 barrels (bbls) of crude oil. No fluids were able to be recovered. (Released occurred at the Central Tank Battery at the CDU 153H API: 30-015-38535).

SITE CHARACTERIZATION

The Cotton Draw Unit #153H (CDU) is located approximately nineteen (19) miles southeast of Malaga, NM. This spill site is in Unit B, Section 03, Township 25S, Range 31E, Latitude 32.166134 Longitude -103.764013, Eddy County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is made up of Interlayered eolian sands and piedmont-slope deposits along the eastern flank of the Pecos River valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits. The soil in this area is made up of Berino complex, 0 to 3 percent slopes, eroded according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage class in this area is well drained. There is a low potential for karst geology to be present around the CDU (Figure 3). Reference Figure 2 for a Topographic Map.

Based on the well water data from the New Mexico Office of the State Engineer, C-04593-POD1 is a borehole that was drilled March 9, 2022, to a depth of 55 feet below grade surface (BGS) and located 0.22 of a mile from this release area. No water bearing soil was encountered during this event. Conversely, as per the United States Geological Survey well water data from USGS320952103444401, the nearest groundwater depth in this region is recorded at 406 feet BGS, located 1.10 miles away from the CDU, with the last gauge conducted in 1998. For detailed references to water surveys and the precise locations of water wells, please refer to Appendix A, inclusive of the relevant maps. Closure criteria for this release area will be according to the 51-100' section of Table 1 19.15.29 NMAC. The regulatory limits are as follows. Chlorides should be less than 10,000 mg/kg, TPH (GRO+DRO+MRO) should be less than 2,500 mg/kg, BTEX should be less than 50 mg/kg, and Benzene should be less than 10 mg/kg.

COTTON DRAW UNIT #153H (INCIDENT ID: NAB1911658680)

SITE ASSESSMENT, AND SOIL SAMPLING RESULTS

On August 2, 2024, after submitting a 48-Hour Sampling Notification (Appendix C), Pima mobilized personnel to the site to begin collecting soil samples with the intention of delineating the release area. Samples were collected from 5 different points within the release area for vertical delineation, and 4 different points around the edges of the release area for horizontal delineation. One background sample was collected from the pasture area just north off the pad. A total of 25 samples were collected, put on ice, jarred, and delivered to Envirotech Analytical Laboratories, Inc for official testing. The laboratory results from this sampling event can be found in the Data Table included in Figure 4. A complete Laboratory Report can be found in Appendix E. A Site Map is referenced in Figure 5.

The lab sample results verified all samples within the top 4 feet of soil in this area included non-waste containing, earthen material with chloride levels less than 600 mg/kg and TPH concentrations less than 100 mg/kg per 19.15.29.13 NMAC. No remediation was required at this time.

A Closure Report was submitted to the NMOCD on August 14, 2024, and was subsequently denied on August 27, 2024 (Application ID: 376457).

COUNTERMEASURES DUE TO REJECTION (NMOCD Application ID: 376457)

On August 27, 2024, the NMOCD denied the Closure Report citing:
"The OCD has rejected the submitted Application for administrative approval of a release notification and corrective action (C-141), for Incident ID (n#) NAB1911658680, for the following reasons:

- Grab samples do not meet the requirements of 19.15.29.12 D. (1) NMAC or 19.15.29.12 D. (1)(c) NMAC, and OCD does not have record of an approved composite grab sample plan for this release or an approved variance request to use site assessment/delineation sample as closure samples. Pursuant to 19.15.29.12 D. (1) NMAC, the responsible party must test the remediated areas for contamination with representative five-point composite samples from the walls and base, and individual grab samples from any wet or discolored areas. The samples must be analyzed for the constituents listed in Table 1 of 10.15.29.12 NMAC or constituents from other remediation standards. Pursuant to 19.15.29.12.D. (1)(b) and (c) NMAC, the responsible party may submit a composite and grab sample plan of the remediated area where each composite sample is not representative of more than 200 square feet. The previous application submitted under application ID: 5194, which was subsequently denied, shows a larger area was impacted than what was sampled and submitted in this application. OCD acknowledges that the previous report addressed 2 separate incident numbers, but the individual releases were not identified, and OCD is requesting that both releases be handled simultaneously. Additional delineation and potential remediation must be completed prior to requesting closure for this incident number and NAB1808251008. Be advised that the 7/31/2024 sampling notification was submitted with incorrect information. The sampling event date was entered as 08/02/2104. OCD is requiring an updated C-141N be submitted that reflects the correct sampling date. Future C-141N and/or C-141Ls must include the correct information prior to submittal. Submit a complete report through the OCD permitting website by 10/31/2024.

In response to the closure report rejection, Pima submitted a proposed sampling plan/variance request to NMOCD on December 5, 2024. The Proposed Sampling Map is referenced in Figure 6, and NMOCD correspondence can be found in Appendix C. The sampling plan/variance request was approved contingent upon the following:

- Your variance request toward an alternative sampling plan per 19.15.29.12D (1b) NMAC to use individual grab as confirmation samples as long as any of the sample points collected are under the allowable concentrations of the closure standards is approved. Sampling notification still applies for this plan. Reclamation standards will be used once the site has been plugged and abandoned. The following is the request submitted via email on 12/5/2024; We propose to sample the Cotton Draw Unit 153H spill area and collect seven (7) bottom samples from surface, 1', 2', 3' and 4' and eight (8) sidewall samples from surface, 1', 2', 3' and 4'. We will collect three (3) bottom samples from surface, 1', 2', 3' and 4' to determine contamination for L1, L3 and L4 MMX sample points and twelve (12) sidewall samples from surface, 1', 2', 3' and 4'. We are starting with a 200 square foot area per sampling point, should contamination be present, we will return to collect additional samples until the extent of the release is determined. We have an approved work plan on the Cotton Draw Unit 117H Incident NAB18008251008 these areas are highlighted in red and turquoise on the proposed sampling map. If any of the above-mentioned sample points come back over the limits, we will write a remediation work plan to include remediation of these areas with the Cotton Draw Unit #117H and we will remediate these areas at the same time. Should these samples come back under the limits, we are requesting a variance to use these samples as confirmation samples.

After submitting a 48-hour sampling notification (Appendix C), Pima returned to the CDU on December 11, 2024, to collect the samples per the approved Proposed Sampling Plan (Figure 6). Seven (7) bottom samples were collected from surface, 1', 2', 3' and 4' bgs labeled S1-S7. Eight (8) sidewall samples were collected from surface, 1', 2', 3', and 4' bgs labeled SW1-SW8. Three (3) bottom samples were collected from L1, L3 and L4 MMX sample points and twelve (12) sidewall samples were collected from surface, 1', 2', 3' and 4' bgs labeled L1N, L1E, L1S, L1W, L3N, L3E, L3S, L3W, L4N, L4E, L4S, & L4W. All samples were jarred, put on ice, and delivered to Envirotech Analytical Laboratories, Inc for analytical testing. The results from this sampling event can be found in the Data Tables in Figure 4. A complete Laboratory Report can be found in Appendix E.

Based on the sampling results, bottom samples S1-S7 came back over the regulatory limits per Table 1 19.15.29.12 NMAC and required remediation. Sidewall Samples SW1-SW8, bottom samples L1, L3 and L4, and sidewall samples L1N, L1E, L1S, L1W, L3N, L3E, L3S, L3W, L4N, L4E, L4S, & L4W all came back under the regulatory limits and did not require further remediation. All sample results under the regulatory limits were used as confirmation samples per the approved variance. The areas requiring remediation would be included in the remediation of the Cotton Draw Unit #117H Incident NAB18008251008.

A Remediation Work Plan was submitted to the NMOCD on December 17, 2024. Due to data discrepancies, Devon proposed a third set of samples be collected by Etech Environmental & Safety Solutions (Etech) to ensure the data was correct to properly evaluate the Proposed Remediation Work Plan. Etech's Sample Map is referenced in Figure 7. The Remediation Work Plan was conditionally approved on March 13, 2025 (Application ID: 414187).

Approval conditions:

- Per email correspondence between NMOCD and Devon personnel, "Devon is choosing to use both the second round of Pima soil samples and the most recent Etech soil samples to drive remediation for this incident. The Pima soil samples will drive vertical advancement of the excavation, while Etech soil samples will drive the horizontal extent." The email correspondence and the Etech soil samples have been added to this application.
  Email correspondence can be found in Appendix C.

- Etech's analytical data from the 2/5/2025 sampling event must be included in the next submittal.
  Etech's Data Table is included in Figure 4, and the complete laboratory report is included in Appendix E.

- NMOCD approves the dig and haul of contaminated soils however, NMOCD does not approve the proposed depth or lateral extent of the proposed excavation as field conditions may determine a larger and deeper excavation is required than what is proposed.

- An NMOCD representative WILL be on-site to observe the collection of confirmation/final samples. NMOCD is requesting that in addition to the C-141N being submitted, an email be sent to brittany.hall@emnrd.nm.gov that includes the date and time of when confirmation samples will be collected. Without NMOCD witnessing the collection of the confirmation sampling, the samples will not be accepted for closure.
  An email notifying the NMOCD that Pima planned to collect confirmation/final samples on 4/9/2025 at 11:00 a.m. was sent to Brittany Hall on April 7, 2025. An automatic reply was received stating: "I am out of the office from April 5-21, 2025. I will return April 22, 2025. Please contact Cory Smith if you need assistance." Pima sent the confirmation/final sampling event information to Cory Smith. A response was

received from Mr. Smith verifying that date and time worked for the NMOCD and they would be present for the confirmation/final sampling event. A copy of this correspondence can be found in Appendix C.

- **Submit a complete and accurate report through the OCD Permitting website by 6/13/2025.**

REMEDIATION ACTIVITIES

On April 2, 2025, Pima and the Devon construction department mobilized equipment and personnel to the site to begin remediation activities. Pima soil samples drove the vertical advancement of the excavation. The areas of S1-S7 were excavated to a depth of 1 ½' bgs, totaling approximately 48 cubic yards. Etech's soil samples drove the horizontal extent with the excavation covering approximately 1,077 square feet. All contaminated materials were securely transported to the Owl North Delaware Basin, a disposal facility approved by the NMOCD. An Excavation Map can be found in Figure 8. Photographic Documentation can be found in Appendix D.

On April 7, 2025, Devon submitted a 48-hour sampling notification (Appendix C) and notified the NMOCD via email of the confirmation sampling event taking place. On April 9, 2025, a Pima field technician conducted a confirmation sampling event at the CDU. A representative of the NMOCD was present and witnessed the confirmation sampling event. A total of six (6) 5-point composite samples were collected from the bottom of the excavated area, labeled CS1-CS6, and four (4) 5-point composite samples were collected from the sidewalls of the excavated area, labeled CSW1-CSW4. Each composite sample represented an area of no more than 200 square feet. All samples were jarred, put on ice, and delivered to Envirotech Analytical Laboratories, Inc for analytical testing. The laboratory results from this sampling event can be found in the Data Tables included in Figure 4. A complete Laboratory Report can be found in Appendix E. A corresponding Confirmation Sample Map (A) can be found in Figure 9.

On April 10, 2025, Pima received the official laboratory report verifying that contamination had been removed from the excavated area, with the exception of the south wall where sample point CSW3 was collected. DRO was recorded at 1,070 mg/kg and did not meet the closure criteria according to the 51-100' section of Table 1 19.15.29 NMAC. On April 28, 2025, the sidewall labeled CSW3 was extended an additional 1 foot to the south. Approximately 100 sq ft of contamination was removed at a depth of 1 ½' bgs, totaling approximately 5 cubic yards. The contaminated material was securely transported to the Owl North Delaware Basin, a disposal facility approved by the NMOCD.

On April 30, 2025, a 48-hour sampling notification was submitted to the NMOCD (Appendix C). On May 2, 2025, one (1) 5-point composite sample labeled, CSW3 was collected from the excavated area. The sample was jarred, put on ice, and delivered to Envirotech Analytical Laboratories, Inc for analytical testing. The laboratory results from this sampling event can be found in the Data Tables included in Figure 4. A complete Laboratory Report can be found in Appendix E. A corresponding Confirmation Sample Map (B) can be found in Figure 10. On May 8, 2025, Pima received the official laboratory report confirming that the results from the sampling event verified that contamination had been removed met the closure criteria per Table 1 19.15.29 NMAC. The excavated area was then backfilled with clean material. Photographic Documentation can be found in Appendix D.

COTTON DRAW UNIT #117H (INCIDENT ID: NAB1911658680)

SITE ASSESSMENT, AND SOIL SAMPLING RESULTS

On November 10, 2023, Pima mobilized personnel to the site to begin collecting soil samples with the intention of delineating the release area. Samples were collected from 5 different points within the release area at depth intervals of 1', 2', 3' and 4' bgs for vertical delineation, and 8 different points around the edges of the release area 0-4' bgs

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composite samples for horizontal delineation. One background sample was collected at 1' bgs from the pasture area just north off the pad. A total of 29 samples were collected, put on ice, jarred, and delivered to the lab for official testing. On December 6, 2023, Pima personnel returned to the site to collect additional samples to achieve vertical delineation. Sample points S3 through S5 were advanced to depths of 5' bgs. These three samples were collected, put on ice, jarred, then delivered to the lab for official testing. The laboratory results from these sampling events can be found in the Data Tables included in Figure 4. A complete Laboratory Report can be found in Appendix E. A Site Map is referenced in Figure 11.

A Closure Report was submitted to the NMOCD on June 14, 2024, and was subsequently denied on June 24, 2024 (Application ID: 354203).

COUNTERMEASURES DUE TO REJECTION (NMOCD Application ID: 354203)

On June 24, 2024, the NMOCD denied the Closure Report citing:
"The OCD has rejected the submitted Application for administrative approval of a release notification and corrective action (C-141), for Incident ID (n#) NAB1808251008, for the following reasons:

- Remediation closure request denied. Final sampling does not comply with 19.15.29.12 D.(1)(a-c) NMAC. Operator failed to provide proper Sampling Notification pursuant to 19.15.29.12.D.(1).(a) NMAC. As sampling occurred just before and during the OCD's transition to the new digital C-141, sampling notification for closure sampling should have been provided via email if the samples were anticipated to be used as final samples. A copy of the final sampling notification email was not included in the attached report. Any C-141N forms submitted with a sampling date prior to the 12/1/2023 digital C-141 release date need to have the email notifications included in the report in order to provide proof of compliance with 19.15.29 12 D (1)(a) NMAC. The questions on the C-141 that require the square footage and cubic yardage that will be reclaimed were both answered 0. Pursuant to 19.15.29.13 NMAC, all impacted surfaces must be reclaimed. Analytical results included in the attached report indicate contamination above the reclamation standards in the upper 4 feet of the release area. The answers will need to reflect the correct square footage/cubic yardage that will need to be reclaimed when the site is no longer needed for production. Submit a complete and accurate report through the OCD Permitting website by 9/24/2024.

In response to the rejected closure report, Pima submitted the required 48-hour sampling notification on July 30, 2024 (Appendix C) and returned to the site on August 1, 2024, to recollect the delineation samples. The laboratory results from this sampling event can be found in the Data Tables included in Figure 4. A complete Laboratory Report can be found in Appendix E.

A Remediation Work Plan was submitted to the NMOCD on November 22, 2024, and was conditionally approved on November 25, 2024 (Application ID: 405952).

Approval conditions:

- Remediation Plan conditionally approved. OCD will not approve the proposed excavation dimensions as additional remediation may be required based on remediation confirmation/final sampling analytical results. Remediation confirmation/final sampling must meet Table 1 closure criteria found in 19.15.29 NMAC. Any samples that return results above the closure criteria must be excavated further. Remediation

closure/final samples must be 5-point composite samples representative of no more than 200 square feet. Pursuant to 19.15.29.12.D.(1).(a) NMAC, the responsible party must notify the appropriate division district office two business days prior to conducting final sampling. If the division district office does not respond to the notice within two business days, the responsible party may proceed with final sampling. The responsible party may request a variance from this requirement upon a showing of good cause as determined by the division. In the last rejection (dated 6/24/2024), OCD advised that the questions on the C-141 that require the square footage and cubic yardage that will be reclaimed were both answered 0. In this application these questions were answered 0 again. When the closure report is submitted, ensure that these questions reflect how much soil will be reclaimed when the site is no longer reasonably needed for production or subsequent drilling activities. The Digital C-141 guidance documents can be found at https://www.enmrd.nm.gov/ocd-announcements-and-notifications/https://www.enmrd.nm.gov/ocd/ocd-forms/. The explanation of the reclaimed square footages and cubic yardages are located in the remediation plan, remediation closure, and reclamation sections of the guidance document. OCD approved the 60-day timeline in the report. Submit a complete and accurate closure report through the permitting website by 1/31/2025.

January 23, 2025, Extension Request: 60-day extension request was requested due to data discrepancies on NAB1911658680 and both incidents will be handled simultaneously as they are located on the same site. Extension request approved. New due date is March 28, 2025.

March 24, 2025, Extension Request: Extension requested for the Cotton Draw Unit #117H incident number NAB1808251008 until 6/13/2025. The remediation of this site has been on hold until the Remediation Work Plan was approved for the Cotton Draw Unit #153H incident number NAB1911658680, which has recently been approved. Extension Approved. This will be the last extension for NAB1808251008. Per NMOCD's request, a copy of the extension request is included in Appendix C.

REMEDIATION ACTIVITIES

On April 2, 2025, Pima and the Devon construction department mobilized equipment and personnel to the site to begin remediation activities The areas of S1 and S2 were excavated to a depth of 2 ½' below ground surface (bgs), totaling approximately 38 cubic yards and approximately 400 square feet. All contaminated materials were securely transported to the Owl North Delaware Basin, a disposal facility approved by the NMOCD. An Excavation Map can be found in Figure 12. Photographic Documentation can be found in Appendix D.

On April 7, 2025, Devon submitted a 48-hour sampling notification (Appendix C). On April 9, 2025, a Pima field technician conducted a confirmation sampling event at the CDU. A total of three (3) 5-point composite samples were collected from the bottom of the excavated area, labeled CS1-CS3, and three (3) 5-point composite samples were collected from the sidewalls of the excavated area, labeled CSW1-CSW3. Each composite sample represented an area of no more than 200 square feet. All samples were jarred, put on ice, and delivered to Envirotech Analytical Laboratories, Inc for analytical testing. On April 11, 2025, Pima received the official laboratory report verifying that contamination had been sufficiently removed from the excavated area and met the closure criteria according to the 51-100' section of Table 1 19.15.29 NMAC. The excavated area was then backfilled with clean material. The laboratory results from this sampling event can be found in the Data Tables included in Figure 4. A complete Laboratory Report can be found in Appendix E. A corresponding Confirmation Sample Map can be found in Figure 13. Photographic Documentation can be found in Appendix D.

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CLOSURE REQUEST

After thorough review, Pima requests the closure of Incident NAB1911658680 and Incident NAB1808251008.

Devon has met all applicable closure requirements outlined in 19.15.29.12 NMAC and respectfully submits this Remediation Closure Report for approval. Devon acknowledges that once this pad area is no longer needed for production or future drilling operations, a reclamation closure report must be submitted and approved, ensuring a minimum of four feet of non-waste containing earthen material. Additionally, a revegetation plan will be provided once the site achieves the required vegetative status.

Should you have any questions or need additional information, please feel free to contact:
Devon Energy Production – Jim Raley at 575-689-7597 or jim.raley@dvn.com.
Pima Environmental – DelRae Geller at 806-724-5391 or delrae@pimaoil.com.

Respectfully,

DelRae Geller
Project Manager
Pima Environmental Services, LLC

ATTACHMENTS

FIGURES:

1- Location Map

2- Topographic Map

3- Karst Map

4- Data Tables

5- Site Map (CDU #153H)

6- Proposed Sampling Map

7- Etech Sample Map

8- Excavation Map

9- Confirmation Sample Map (A)

10- Confirmation Sample Map (B)

11- Site Map (CDU #117H)

12- Excavation Map

13- Confirmation Sample Map

APPENDICES:

Appendix A – Water Surveys and Water Related Maps

Appendix B – Soil Survey, Geological Data

Appendix C – 48-Hour Sampling Notifications & NMOCD Correspondence

Appendix D – Photographic Documentation

Appendix E – Laboratory Reports

FIGURES

1- Location Map

2- Topographic Map

3- Karst Map

4- Data Tables Data Tables

5- Site Map (CDU #153H)

6- Proposed Sampling Map Map

7- Etech Sampling Map

8- Excavation Map

9- Confirmation Sample Map (A)

10- Confirmation Sample Map (B)

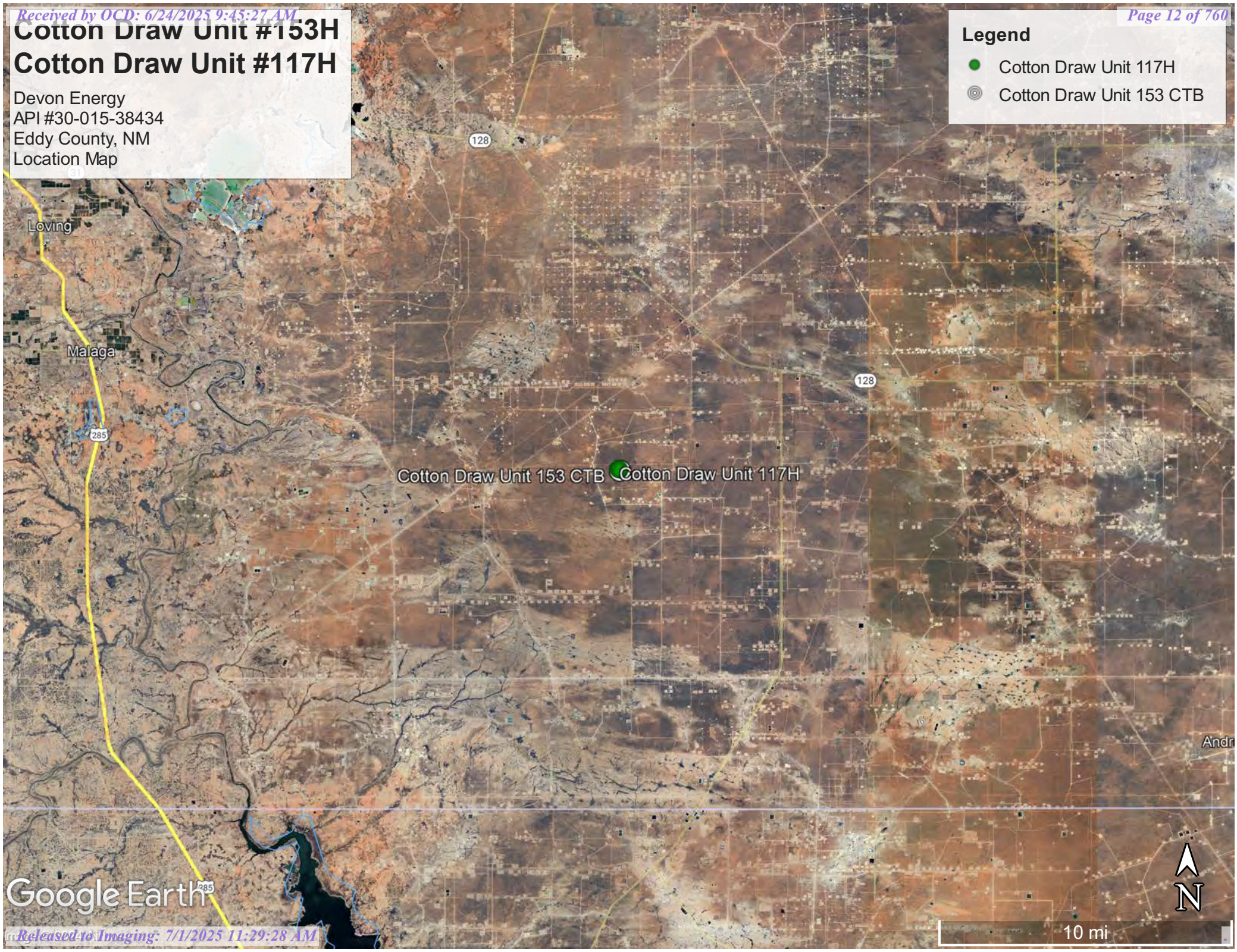
11- Site Map (CDU #117H)

12- Excavation Map Excavation Map

13- Confirmation Sample Map

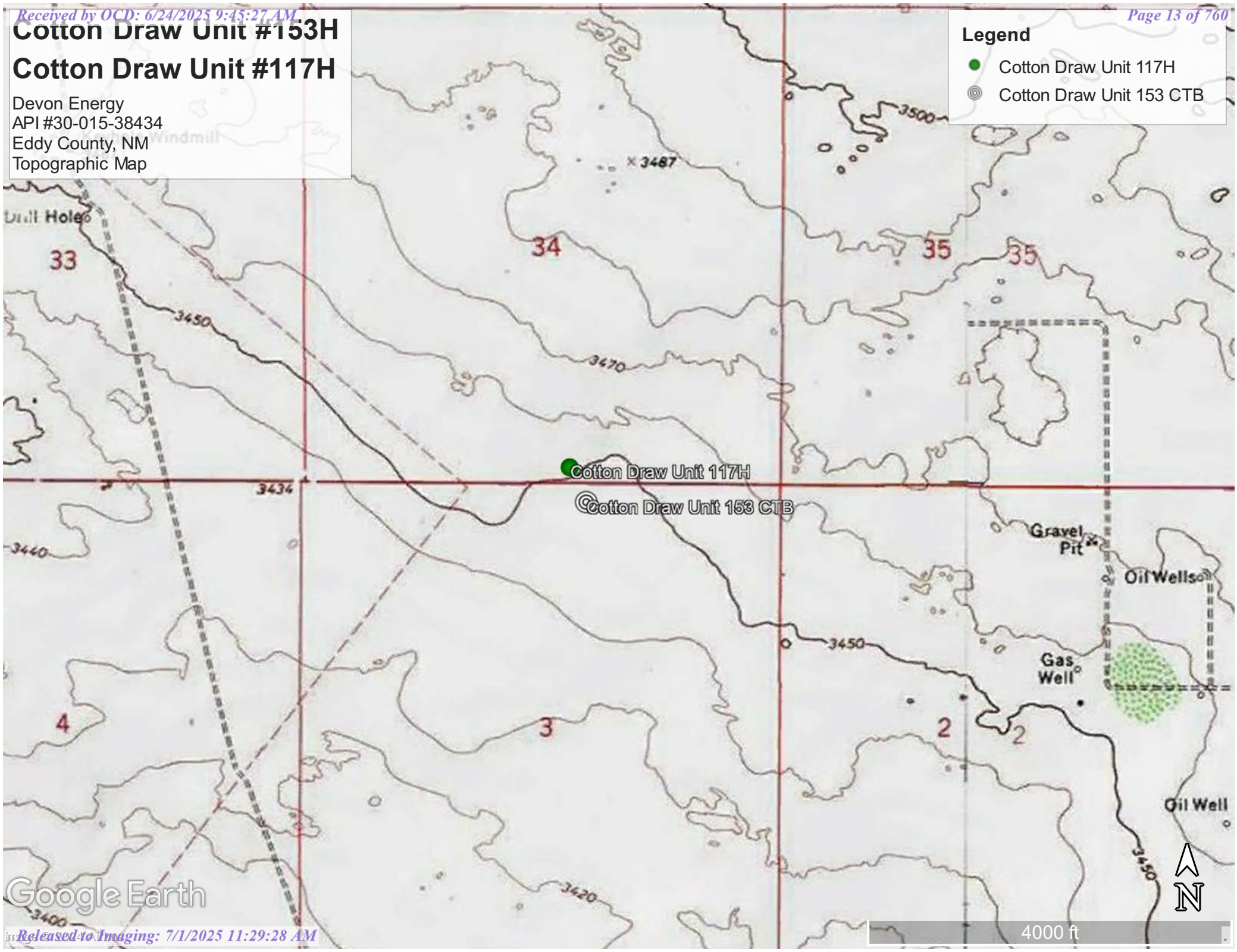
Cotton Draw Unit #153H
Cotton Draw Unit #117H

Devon Energy
API #30-015-38434
Eddy County, NM
Location Map



Cotton Draw Unit #153H
Cotton Draw Unit #117H

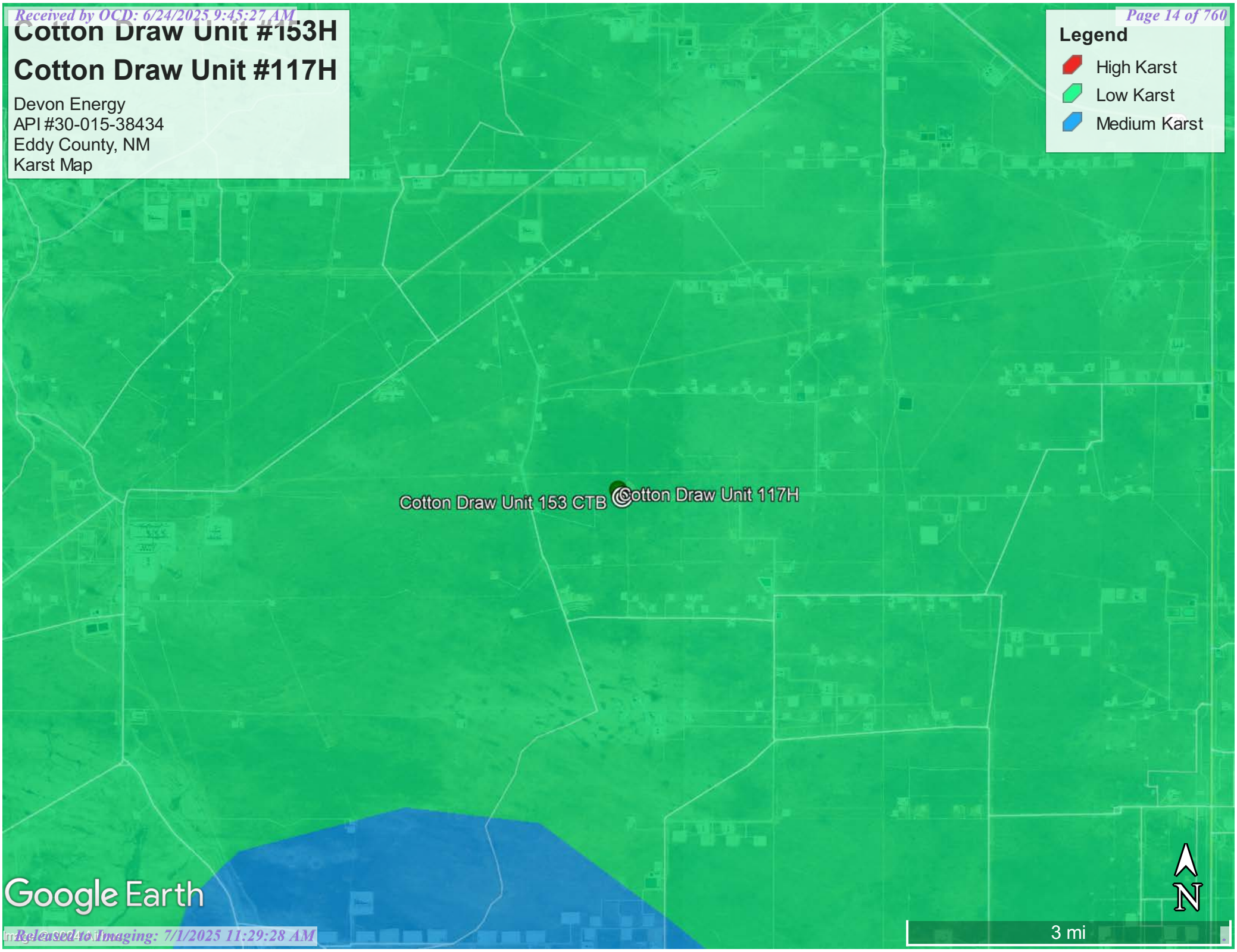
Devon Energy
API #30-015-38434
Eddy County, NM
Topographic Map



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Cotton Draw Unit #153H
Cotton Draw Unit #117H

Devon Energy
API #30-015-38434
Eddy County, NM
Karst Map



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DATA TABLES CDU #153H

8-2-2024 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100' BGS)								
DEVON ENERGY Cotton Draw Unit #153H								
Date: 8-2-24		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
CS1	1'	ND	ND	ND	ND	ND	0	534
	2'	ND	ND	ND	ND	ND	0	181
	3'	ND	ND	ND	ND	ND	0	27.9
	4'	ND	ND	ND	ND	ND	0	ND
CS2	1'	ND	ND	ND	ND	ND	0	499
	2'	ND	ND	ND	ND	ND	0	312
	3'	ND	ND	ND	ND	ND	0	25.4
	4'	ND	ND	ND	ND	ND	0	ND
CS3	1'	ND	ND	ND	ND	ND	0	366
	2'	ND	ND	ND	ND	ND	0	326
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
CS4	1'	ND	ND	ND	ND	ND	0	483
	2'	ND	ND	ND	ND	ND	0	119
	3'	ND	ND	ND	ND	ND	0	22.8
	4'	ND	ND	ND	ND	ND	0	ND
CS5	1'	ND	ND	ND	ND	ND	0	457
	2'	ND	ND	ND	ND	ND	0	259
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	31.4
CSW1	(0-4')	ND	ND	ND	ND	ND	0	ND
CSW2	(0-4')	ND	ND	ND	ND	ND	0	ND
CSW3	(0-4')	ND	ND	ND	ND	ND	0	ND
CSW4	(0-4')	ND	ND	ND	ND	ND	0	ND
BG1	(0-4')	ND	ND	ND	ND	ND	0	ND

ND- Analyte Not Detected

12-11-2024 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY Cotton Draw Unit #153H								
Sample Date:		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	Surface	ND	ND	ND	59.1	59.1	118.2	94.4
	1'	ND	ND	ND	3660	1510	5170	466
	2'	ND	ND	ND	95.5	79.2	174.7	383
	3'	ND	ND	ND	84.9	90.2	175.1	910
	4'	ND	ND	ND	ND	ND	0	159
S2	Surface	ND	ND	ND	76.7	80.3	157	59.6
	1'	ND	ND	ND	3350	1540	4890	464
	2'	ND	ND	ND	43.1	ND	43.1	154
	3'	ND	ND	ND	177	132	309	970
	4'	ND	ND	ND	ND	ND	0	184
S3	Surface	ND	ND	ND	58	73.2	131.2	59.9
	1'	ND	ND	ND	2680	1360	4040	411
	2'	ND	ND	ND	47.3	ND	47.3	176
	3'	ND	ND	ND	81	55.2	136.2	174
	4'	ND	ND	ND	ND	ND	0	166
S4	Surface	ND	ND	ND	105	97.9	202.9	ND
	1'	ND	ND	ND	2570	1180	3750	ND
	2'	ND	ND	ND	71.1	89.6	160.7	ND
	3'	ND	ND	ND	64.4	60.9	125.3	ND
	4'	ND	ND	ND	ND	ND	0	ND
S5	Surface	ND	ND	ND	50	64.7	114.7	45.4
	1'	ND	ND	ND	2580	1190	3770	410
	2'	ND	ND	ND	63.1	68.1	131.2	358
	3'	ND	ND	ND	88	84.7	172.7	1000
	4'	ND	ND	ND	ND	ND	0	156
S6	Surface	ND	ND	ND	49.5	54.7	104.2	60.7
	1'	ND	ND	ND	3360	1470	4830	458
	2'	ND	ND	ND	ND	ND	0	333
	3'	0.0252	ND	ND	79.2	108	187.2252	982
	4'	ND	ND	ND	ND	ND	0	170

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY Cotton Draw Unit #153H								
Sample Date:		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
S7	Surface	ND	ND	ND	124	156	280	64
	1'	ND	ND	ND	2820	1450	4270	406
	2'	ND	ND	ND	ND	ND	0	356
	3'	ND	ND	ND	ND	ND	0	938
	4'	ND	ND	ND	ND	ND	0	161
SW1	Surface	ND	ND	ND	ND	ND	0	73.8
	1'	ND	ND	ND	ND	ND	0	432
	2'	ND	ND	ND	ND	ND	0	387
	3'	ND	ND	ND	ND	ND	0	939
	4'	ND	ND	ND	ND	ND	0	168
SW2	Surface	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
SW3	Surface	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	74.5	74.5	ND
	4'	ND	ND	ND	ND	ND	0	ND
SW4	Surface	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
SW5	Surface	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
SW6	Surface	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY Cotton Draw Unit #153H								
Sample Date:		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
SW7	Surface	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
SW8	Surface	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
L1	Surface	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
LN1	Surface	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
LE1	Surface	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
LS1	Surface	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
LW1	Surface	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY Cotton Draw Unit #153H								
Sample Date:		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
L3	Surface	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	37.3
LN3	Surface	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	28.8
LE3	Surface	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	67.8
LS3	Surface	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	59.9
LW3	Surface	ND	ND	ND	ND	ND	0	34.4
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	21
	3'	ND	ND	ND	ND	ND	0	25
	4'	ND	ND	ND	ND	ND	0	ND
L4	Surface	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
LN4	Surface	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY Cotton Draw Unit #153H								
Sample Date:		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
LE4	Surface	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
LS4	Surface	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	118
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
LW4	Surface	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND

4-9-2025 Confirmation Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY Cotton Draw Unit 153H								
Date: 4-9-25		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
CS1	COMP	ND	ND	ND	ND	ND	0	253
CS2	COMP	ND	ND	ND	ND	ND	0	529
CS3	COMP	ND	ND	ND	ND	ND	0	76.1
CS4	COMP	ND	ND	ND	ND	ND	0	ND
CS5	COMP	ND	ND	ND	ND	ND	0	237
CS6	COMP	ND	ND	ND	ND	ND	0	387
CSW1	COMP	ND	ND	ND	ND	ND	0	ND
CSW2	COMP	ND	ND	ND	29.8	ND	29.8	32.8
CSW3	COMP	ND	ND	ND	1070	753	1823	269
CSW4	COMP	ND	ND	ND	ND	59.5	59.5	176

5-2-2025 Confirmation Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY Cotton Draw Unit 153H								
Date: 5-2-25		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
CSW3	COMP	ND	ND	ND	ND	ND	ND	ND

Table 1
SOIL SAMPLE ANALYTICAL RESULTS
Devon Energy Production Company, LP
Cotton Draw Unit #153
Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	DRO+GRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	10,000
Delineation Soil Samples - Incident Number NAB1911658680										
BH01	02/05/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	21.7
BH01	02/05/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	139
BH01	02/05/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	281
BH01	02/05/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	397
BH01	02/05/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	972
BH02	02/05/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH02	02/05/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	45.8
BH02	02/05/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	89.2
BH02	02/05/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	381
BH02	02/05/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	84.5
BH03	02/05/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	42.5
BH03	02/05/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	191
BH03	02/05/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH03	02/05/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	602
BH03	02/05/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	41.7
BH04	02/05/2025	0.5	<0.0250	<0.0500	<20.0	66.6	64.1	66.6	131	38.2
BH04	02/05/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	199
BH04	02/05/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	200
BH04	02/05/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	198
BH04	02/05/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	21.1
BH05	02/06/2025	0.5	<0.0250	<0.0500	<20.0	76.4	71.6	76.4	148	36.6
BH05	02/06/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	129
BH05	02/06/2025	2	<0.0250	<0.0500	<20.0	26.4	<50.0	26.4	26.4	<20.0
BH05	02/06/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	20.4
BH05	02/06/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	21.4

Table 1
SOIL SAMPLE ANALYTICAL RESULTS
Devon Energy Production Company, LP
Cotton Draw Unit #153
Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	DRO+GRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	10,000
Delineation Soil Samples - Incident Number NAB1911658680										
BH06	02/06/2025	0.5	<0.0250	<0.0500	<20.0	58.9	54.9	58.9	114	39.0
BH06	02/06/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	134
BH06	02/06/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH06	02/06/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	23.5
BH06	02/06/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	234
BH07	02/06/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH07	02/06/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	130
BH07	02/06/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	266
BH07	02/06/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	20.7
BH07	02/06/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	22.2
BH08	02/06/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH08	02/06/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	134
BH08	02/06/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	266
BH08	02/06/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	20.0
BH08	02/06/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	21.2
BH09	02/06/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	40.4
BH09	02/06/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	141
BH09	02/06/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	284
BH09	02/06/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH09	02/06/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH10	02/06/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	41.3
BH10	02/06/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	147
BH10	02/06/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	268
BH10	02/06/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH10	02/06/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0

Table 1
SOIL SAMPLE ANALYTICAL RESULTS
Devon Energy Production Company, LP
Cotton Draw Unit #153
Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	DRO+GRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	10,000
Delineation Soil Samples - Incident Number NAB1911658680										
BH11	02/07/2025	0.5	<0.0250	<0.0500	<20.0	962	942	962	1,904	317
BH11	02/07/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	787
BH11	02/07/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	720
BH11	02/07/2025	3	<0.0250	<0.0500	<20.0	45.8	<50.0	45.8	45.8	1,200
BH11	02/07/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,060
BH12	02/07/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH12	02/07/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH12	02/07/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH12	02/07/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	27.9
BH12	02/07/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	586
BH13	02/07/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH13	02/07/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH13	02/07/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH13	02/07/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	25.1
BH13	02/07/2025	4	<0.0250	<0.0500	<20.0	52.8	<50.0	52.8	52.8	36.6
BH14	02/07/2025	0.5	<0.0250	<0.0500	<20.0	38.1	<50.0	38.1	38.1	21.2
BH14	02/07/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	25.6
BH14	02/07/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	46.1
BH14	02/07/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	46.8
BH14	02/07/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	99.7
BH15	02/07/2025	0.5	<0.0250	<0.0500	<20.0	62.1	<50.0	62.1	62.1	26.2
BH15	02/07/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH15	02/07/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	23.2
BH15	02/07/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH15	02/07/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	133

Table 1
SOIL SAMPLE ANALYTICAL RESULTS
Devon Energy Production Company, LP
Cotton Draw Unit #153
Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	DRO+GRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)			**10**	**50**	**NE**	**NE**	**NE**	**1,000**	**2,500**	**10,000**
Delineation Soil Samples - Incident Number NAB1911658680										
BH16	02/07/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	117
BH16	02/07/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	54.7
BH16	02/07/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	31.2
BH16	02/07/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH16	02/07/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	56.7
BH17	02/07/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH17	02/07/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH17	02/07/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH17	02/07/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH17	02/07/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	23.6
BH18	02/07/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH18	02/07/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH18	02/07/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH18	02/07/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH18	02/07/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	25.3
BH19	02/07/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	64.9
BH19	02/07/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	71.7
BH19	02/07/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	38.7
BH19	02/07/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	35.4
BH19	02/07/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	36.2
BH20	02/07/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	69.2
BH20	02/07/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	67.9
BH20	02/07/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	39.0
BH20	02/07/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	36.3
BH20	02/07/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	33.2

Notes:
bgs: below ground surface
mg/kg: milligrams per kilogram
BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes
GRO: Gasoline Range Organics
DRO: Diesel Range Organics
ORO: Oil Range Organics
TPH: Total Petroleum Hydrocarbon
NMOCD: New Mexico Oil Conservation Division
NMAC: New Mexico Administrative Code
Text in "grey" represents excavated soil samples

Concentrations in bold exceed the NMOCD Table I Closure Criteria and/or Reclamation Standard† for Soils Impacted by a Release

† The reclamation concentration requirements of 600 mg/kg chloride and 100 mg/kg TPH apply to the top 4 feet of areas to be immediately reclaimed following remediation pursuant to NMAC 19.15.17.13.

DATA TABLES CDU #117H

11-10-2023 & 12-6-2023

Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')									
DEVON ENERGY - COTTON DRAW UNIT 117H - nAB1808251008									
NM Approved Laboratory Results									
Sample ID	Sample Date:	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
S1-1'	11/10/2023	1'	ND	ND	ND	39.8	ND	39.8	132
S1-2'		2'	ND	ND	ND	ND	ND	0	80.9
S1-3'		3'	ND	ND	ND	ND	ND	0	78.2
S1-4'		4'	ND	ND	ND	ND	ND	0	45.8
S2-1'	11/10/2023	1'	ND	ND	ND	ND	ND	0	126
S2-2'		2'	ND	ND	ND	ND	ND	0	89
S2-3'		3'	ND	ND	ND	ND	ND	0	95.9
S2-4'		4'	ND	ND	ND	54.6	ND	54.6	40
S3-1'	11/10/2023	1'	ND	ND	ND	ND	ND	0	123
S3-2'		2'	ND	ND	ND	ND	ND	0	92.1
S3-3'		3'	ND	ND	ND	ND	ND	0	96.5
S3-4'		4'	ND	ND	ND	155	90.8	245.8	39.9
S3-5'	12/6/2023	5'	ND	ND	ND	ND	ND	0	25.2
S4-1'	11/10/2023	1'	ND	ND	ND	ND	ND	0	112
S4-2'		2'	ND	ND	ND	ND	ND	0	95.6
S4-3'		3'	ND	ND	ND	ND	ND	0	91.9
S4-4'		4'	ND	ND	ND	420	239	659	49.6
S4-5'	12/6/2023	5'	ND	ND	ND	ND	ND	0	58.8
S5-1'	11/10/2023	1'	ND	ND	ND	ND	ND	0	116
S5-2'		2'	ND	ND	ND	39.6	ND	39.6	92.4
S5-3'		3'	ND	ND	ND	ND	ND	0	93
S5-4'		4'	ND	ND	ND	245	137	382	54
S5-5'	12/6/2023	5'	ND	ND	ND	ND	ND	0	39.1

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')									
DEVON ENERGY - COTTON DRAW UNIT 117H - nAB1808251008									
NM Approved Laboratory Results									
Sample ID	Sample Date:	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
SW1	11/10/2023	0-4' Comp	ND	ND	ND	ND	ND	0	42.5
SW2	11/10/2023	0-4' Comp	ND	ND	ND	ND	ND	0	36.9
SW3	11/10/2023	0-4' Comp	ND	ND	ND	ND	ND	0	30.3
SW4	11/10/2023	0-4' Comp	ND	ND	ND	ND	ND	0	43.5
SW5	11/10/2023	0-4' Comp	ND	ND	ND	ND	ND	0	26.1
SW6	11/10/2023	0-4' Comp	ND	ND	ND	ND	ND	0	37.4
SW7	11/10/2023	0-4' Comp	ND	ND	ND	ND	ND	0	29.5
SW8	11/10/2023	0-4' Comp	ND	ND	ND	ND	ND	0	32.4
BG1	11/10/2023	1'	ND	ND	ND	ND	ND	0	40.9

8-1-2024 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY Cotton Draw Unit #117H								
Date: 8-1-24		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
S1	1'	ND	ND	ND	ND	ND	0	1700
	2'	ND	ND	ND	1410	1050	2460	ND
	3'	ND	ND	ND	36.9	ND	36.9	ND
	4'	ND	ND	ND	194	143	337	ND
S2	1'	ND	ND	ND	ND	ND	0	1670
	2'	ND	ND	ND	1100	876	1976	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	45.6	ND	45.6	ND

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY Cotton Draw Unit #117H								
Date: 8-1-24		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
S3	1'	ND	ND	ND	ND	ND	0	141
	2'	ND	ND	ND	937	829	1766	ND
	3'	ND	ND	ND	37.1	ND	37.1	ND
	4'	ND	ND	ND	ND	ND	0	ND
S4	1'	ND	ND	ND	ND	ND	0	104
	2'	ND	ND	ND	923	776	1699	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S5	1'	ND	ND	ND	ND	ND	0	150
	2'	ND	ND	ND	439	363	802	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
SW1	(0-4') Comp	ND	ND	ND	ND	ND	0	ND
SW2	(0-4') Comp	ND	ND	ND	ND	ND	0	ND
SW3	(0-4') Comp	ND	ND	ND	ND	ND	0	ND
SW4	(0-4') Comp	ND	ND	ND	ND	ND	0	ND
SW5	(0-4') Comp	ND	ND	ND	ND	ND	0	ND
SW6	(0-4') Comp	ND	ND	ND	ND	ND	0	ND
SW7	(0-4') Comp	ND	ND	ND	ND	ND	0	ND
SW8	(0-4') Comp	ND	ND	ND	ND	ND	0	ND
BG1	1'	ND	ND	ND	ND	ND	0	ND

4-9-2025 Confirmation Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY Cotton Draw Unit #117H								
Date: 4-9-25		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
CS1	COMP	ND	ND	ND	ND	ND	0	964
CS2	COMP	ND	ND	ND	ND	ND	0	280
CS3	COMP	ND	ND	ND	ND	ND	0	522
CSW1	COMP	ND	ND	ND	ND	ND	0	540
CSW2	COMP	ND	ND	ND	ND	ND	0	538
CSW3	COMP	ND	ND	ND	ND	ND	0	554

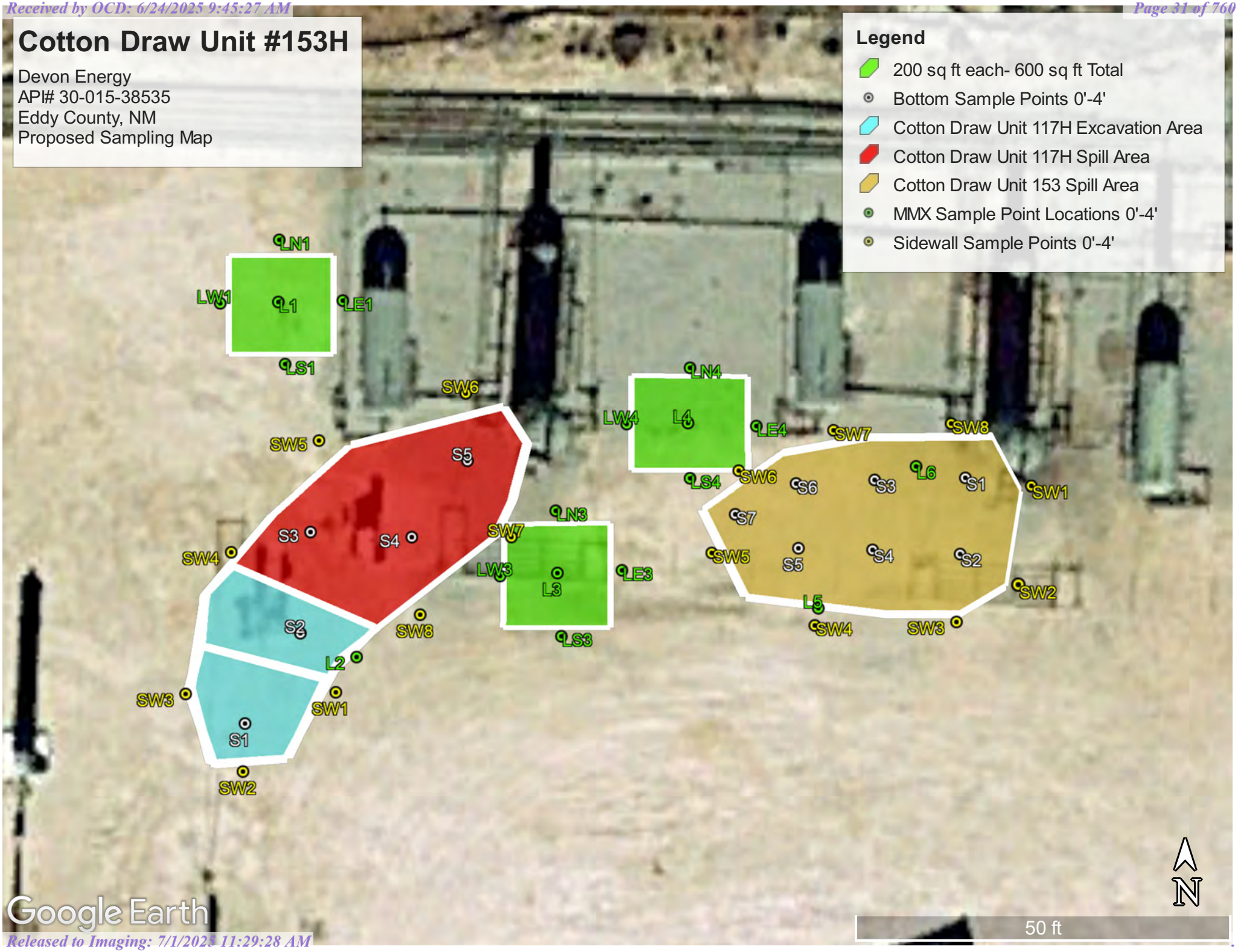
Cotton Draw Unit #153H

Devon Enegry
API #30-015-38535
Eddy County, NM
NAB1911658680
Site Map



Cotton Draw Unit #153H

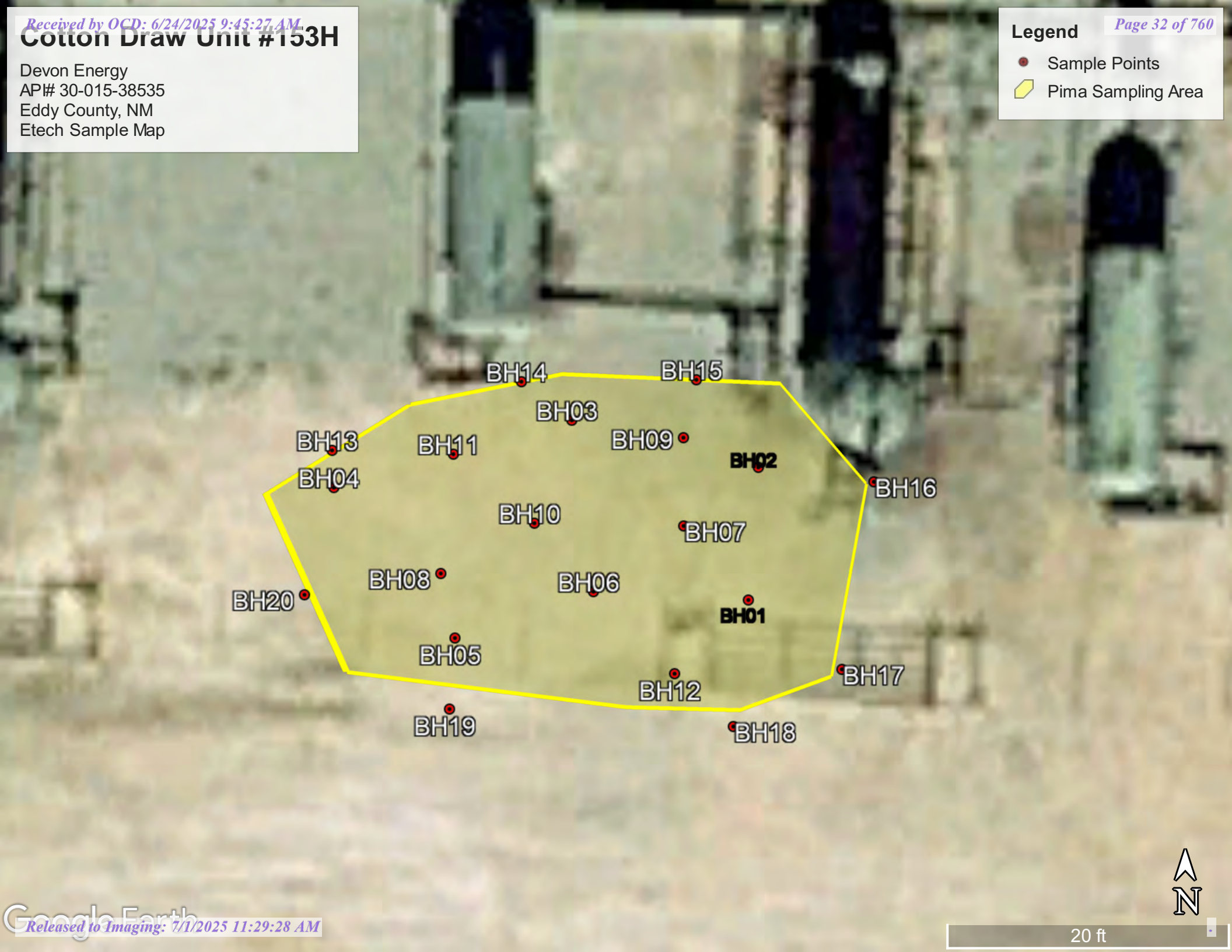
Devon Energy
API# 30-015-38535
Eddy County, NM
Proposed Sampling Map



Received by OCD: 6/24/2025 9:45:27 AM

Cotton Draw Unit #153H

Devon Energy
API# 30-015-38535
Eddy County, NM
Etech Sample Map



Released to Imaging: 7/1/2025 11:29:28 AM

Cotton Draw Units

Devon Energy
API# 30-015-38434
Eddy County, NM
Excavation Map

Legend

- Cotton Draw Unit #117H Excavation Area
- Cotton Draw Unit #153H Excavation Area



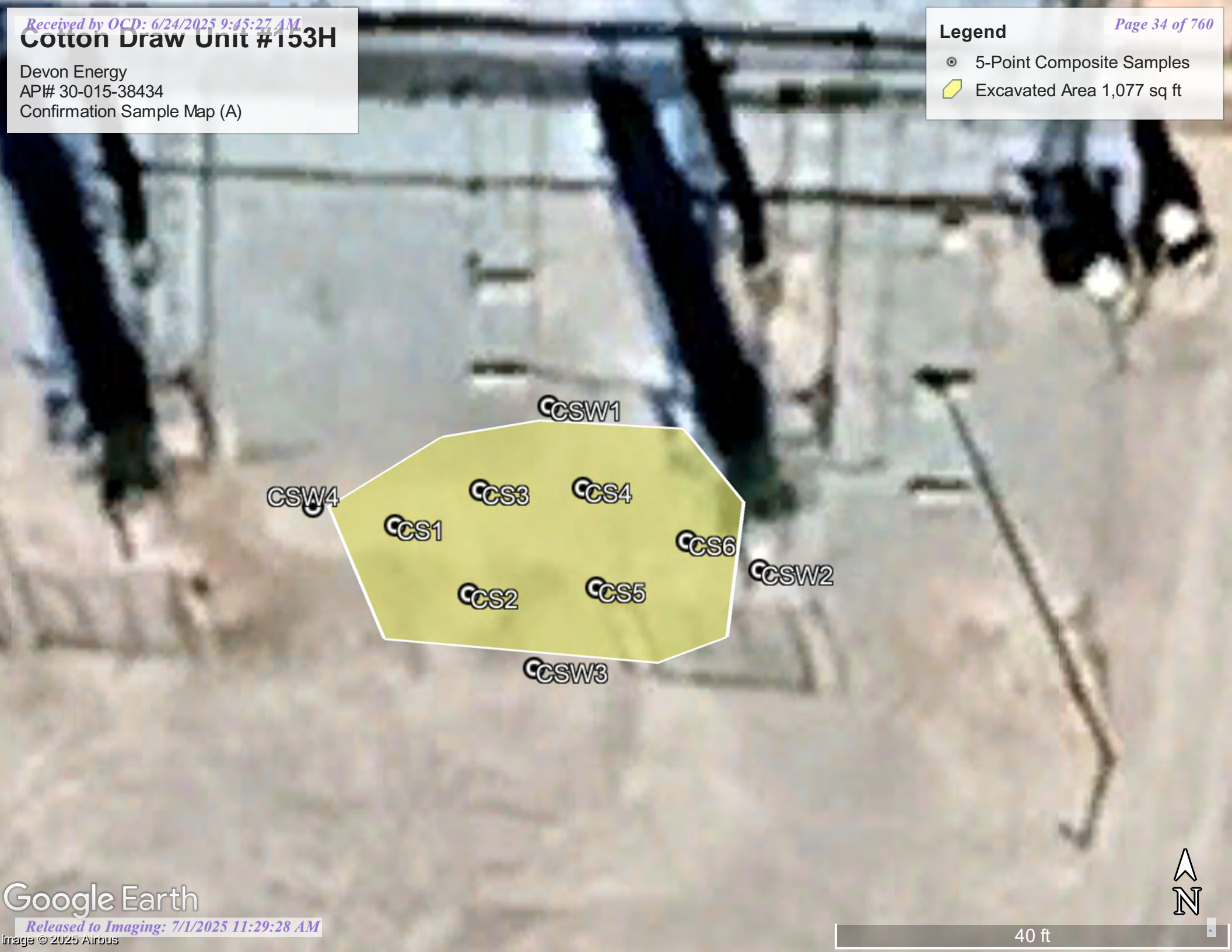
Received by OCD: 6/24/2025 9:45:27 AM

Cotton Draw Unit #153H

Devon Energy
API# 30-015-38434
Confirmation Sample Map (A)

Legend

- 5-Point Composite Samples
- Excavated Area 1,077 sq ft



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Cotton Draw Unit #153H

Devon Energy
API# 30-015-38434
Confirmation Sample Map (B)

Legend

- Additional Excavation 100 sq ft
- 5-Point Composite Sample
- Original Excavation 1,077 sq ft



Google Earth

Released to Imaging: 7/1/2025 11:29:28 AM

Image © 2025 Airbus

N

1000 ft

Cotton Draw Unit 117H

Devon Energy
API #30-015-38434
Eddy County, NM
nAB1808251008
Site Map



Cotton Draw Units

Devon Energy
API# 30-015-38434
Eddy County, NM
Excavation Map



Received by OCD: 6/24/2025 9:45:27 AM

Cotton Draw Unit #117H

Devon Energy
API# 30-015-38434
Confirmation Sample Map

Legend

- 5-Point Composite Samples
- Excavated Area 400 sq ft



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APPENDIX A

OSE Water Survey

USGS Water Survey

Water Related Maps

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	Twn	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 04593 POD1		CUB	ED	3	4	4	34	24S	31E	616903	3559674	377	55		
C 02574		CUB	ED	1	1	2	02	25S	31E	618092	3559494*	1544			
C 04632 POD1		CUB	ED	1	2	2	10	25S	31E	616802	3557964	1598	55		
C 02571		CUB	ED	4	1	2	02	25S	31E	618292	3559294*	1761	860		
C 04633 POD1		CUB	ED	2	1	1	35	24S	31E	617394	3561170	1834			
C 02573		CUB	ED	1	4	2	02	25S	31E	618499	3559091*	2002			
C 02572		CUB	ED	4	2	2	02	25S	31E	618695	3559294*	2160	852		
C 02569		CUB	ED	4	4	2	02	25S	31E	618699	3558891*	2247	1016		
C 03830 POD1		CUB	ED	4	2	4	02	25S	31E	618632	3558432	2361	450		
C 04479 POD1		CUB	ED	2	1	1	04	25S	31E	614182	3559400	2370	0	0	0
C 02570		CUB	ED	4	2	4	02	25S	31E	618704	3558489*	2399	895		
C 02568		CUB	ED	4	3	1	01	25S	31E	619103	3558892*	2636	1025		

Average Depth to Water: **0 feet**
Minimum Depth: **0 feet**
Maximum Depth: **0 feet**

Record Count: 12

UTMNAD83 Radius Search (in meters):

Easting (X): 616548.46 **Northing (Y):** 3559542.69 **Radius:** 3000

***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.

6/6/24 9:12 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER

New Mexico Office of the State Engineer

Point of Diversion Summary

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

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
NA	C 04593 POD1	3	4	4	34	24S	31E	616903	3559674

Driller License: 1249 **Driller Company:** ATKINS ENGINEERING ASSOC. INC.

Driller Name: JACKIE ATKINS

Drill Start Date:	03/09/2022	**Drill Finish Date:**	03/10/2022	**Plug Date:**	03/15/2022
Log File Date:	04/04/2022	**PCW Rcv Date:**		**Source:**	
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:		**Depth Well:**	55 feet	**Depth Water:**	

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.

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
POD 1 (TW-1)		C-4593

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Devon Energy	575-748-1838

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
6488 7 Rivers Hwy	Artesia	NM	88210

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	10	2.97	N
	LONGITUDE	103	45	36.48	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE

SW L4 Sec 34 T24S R31E, NMPM

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
1249	Jackie D. Atkins	Atkins Engineering Associates, Inc.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
03/09/2022	03/10/2022	temporary well casing	±55	n/a

COMPLETED WELL IS: ☐ ARTESIAN ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): dry

DATE STATIC MEASURED: 03/10/22,03/15/22

DRILLING FLUID: ☐ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☐ ROTARY ☐ HAMMER ☐ CABLE TOOL ☑ OTHER – SPECIFY: Hollow Stem Auger

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
0	55	±6.5	Boring	--	--	--	--

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT

OSE DII APR 4 2022 PM2:04

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 01/28/2022)

FILE NO. C-4593	POD NO. 1	TRN NO. 718730
LOCATION 24S.31E.34 344	WELL TAG ID NO. —	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES **(attach supplemental sheets to fully describe all units)**	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
0	4	4	Caliche, with medium to fine grained sand, white and Red	Y ✓ N	
4	24	20	Sand, medium/ fine grained, poorly graded, with caliche gravel, Tan	Y ✓ N	
24	55	31	Sand, medium/ fine grained, poorly graded, Reddish Brown	Y ✓ N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm): 0.00

5. TEST; RIG SUPERVISION

WELL TEST — TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION: Temporary well material removed and soil boring backfilled using drill cuttings from total depth to ten feet below ground surface(bgs), then hydrated bentonite chips ten feet bgs to surface.

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Shane Eldridge, Cameron Pruitt

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:

Jack Atkins — Jackie D. Atkins — OSE DII APR 4 2022 PM2:04 — 03/31/2022

SIGNATURE OF DRILLER / PRINT SIGNEE NAME — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 01/28/2022)

FILE NO. C-4593	POD NO. 1	TRN NO. 718730	
LOCATION 24S.31E.34 344		WELL TAG ID NO. —	PAGE 2 OF 2

Mike A. Hamman, P.E.
State Engineer

Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER

Trn Nbr: 719171
File Nbr: C 04595
Well File Nbr: C 04595 POD1

Apr. 05, 2022

DALE WOODALL
DEVON ENERGY
6488 7 RIVERS HWY
ARTESIA, NM 88210

Greetings:

The above numbered permit was issued in your name on 02/16/2022.

The Well Record was received in this office on 04/04/2022, stating that it had been completed on 03/09/2022, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 02/16/2023.

If you have any questions, please feel free to contact us.

Sincerely,

Azucena Ramirez
(575)622-6521

drywell

OSE POD Location Map



6/6/2024, 8:23:54 AM

GIS WATERS PODs
- Active
- Pending

OSE District Boundary

Water Right Regulations
- Artesian Planning Area

New Mexico State Trust Lands
- Subsurface Estate

1:9,028

0 0.05 0.1 0.2 mi

0 0.1 0.2 0.4 km

Esri, HERE, iPC, Esri, HERE, Garmin, iPC, Maxar

Online web user

This is an unofficial map from the OSE's online application.

National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater | Geographic Area: United States | GO

Click to hideNews Bulletins

- Explore the *NEW* USGS National Water Dashboard interactive map to access real-time water data from over 13,500 stations nationwide.
- Full News

Groundwater levels for the Nation

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

site_no list =

- 320952103444401

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

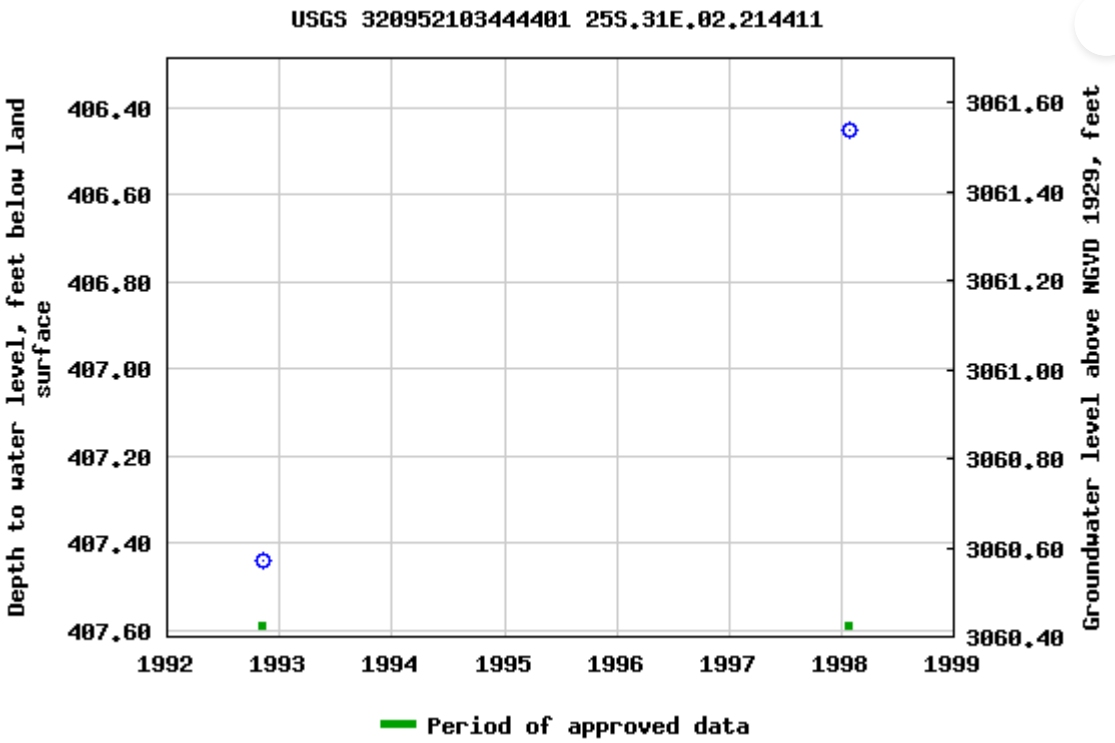
USGS 320952103444401 25S.31E.02.214411

Available data for this site | Groundwater: Field measurements | GO

Eddy County, New Mexico
Hydrologic Unit Code 13070001
Latitude 32°09'50.0", Longitude 103°44'41.2" NAD83
Land-surface elevation 3,468.0 feet above NGVD29
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Azotea Tongue of Seven Rivers Formation (313AZOT) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period



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

Questions or Comments
Automated retrievals
Help
Data Tips
Explanation of terms
Subscribe for system changes
News

Accessibility FOIA Privacy Policies and Notices

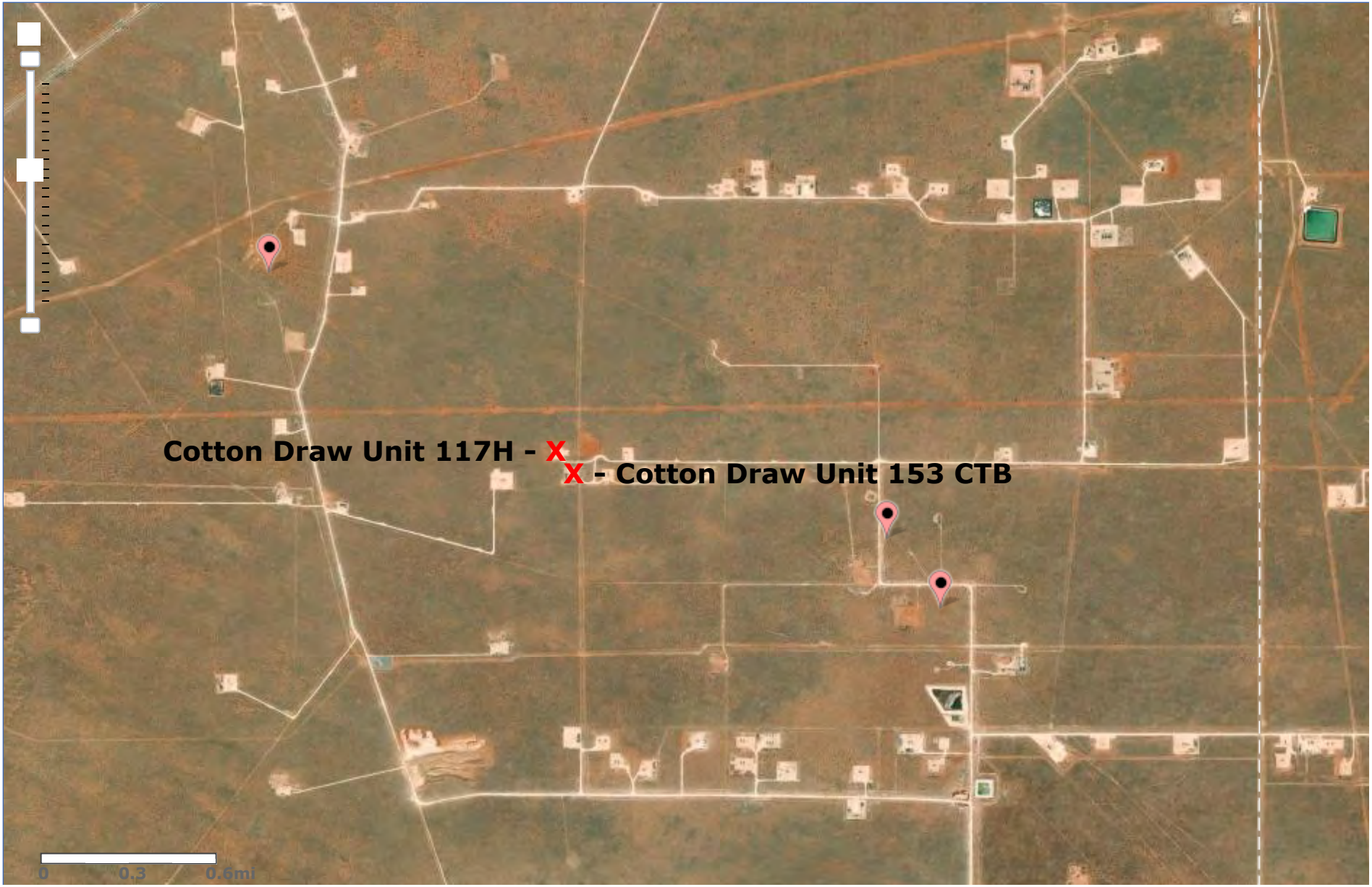
U.S. Department of the Interior | U.S. Geological Survey

Title: Groundwater for USA: Water Levels
URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: USGS Water Data Support Team
Page Last Modified: 2024-06-06 09:30:45 EDT
0.57 0.5 nadww01

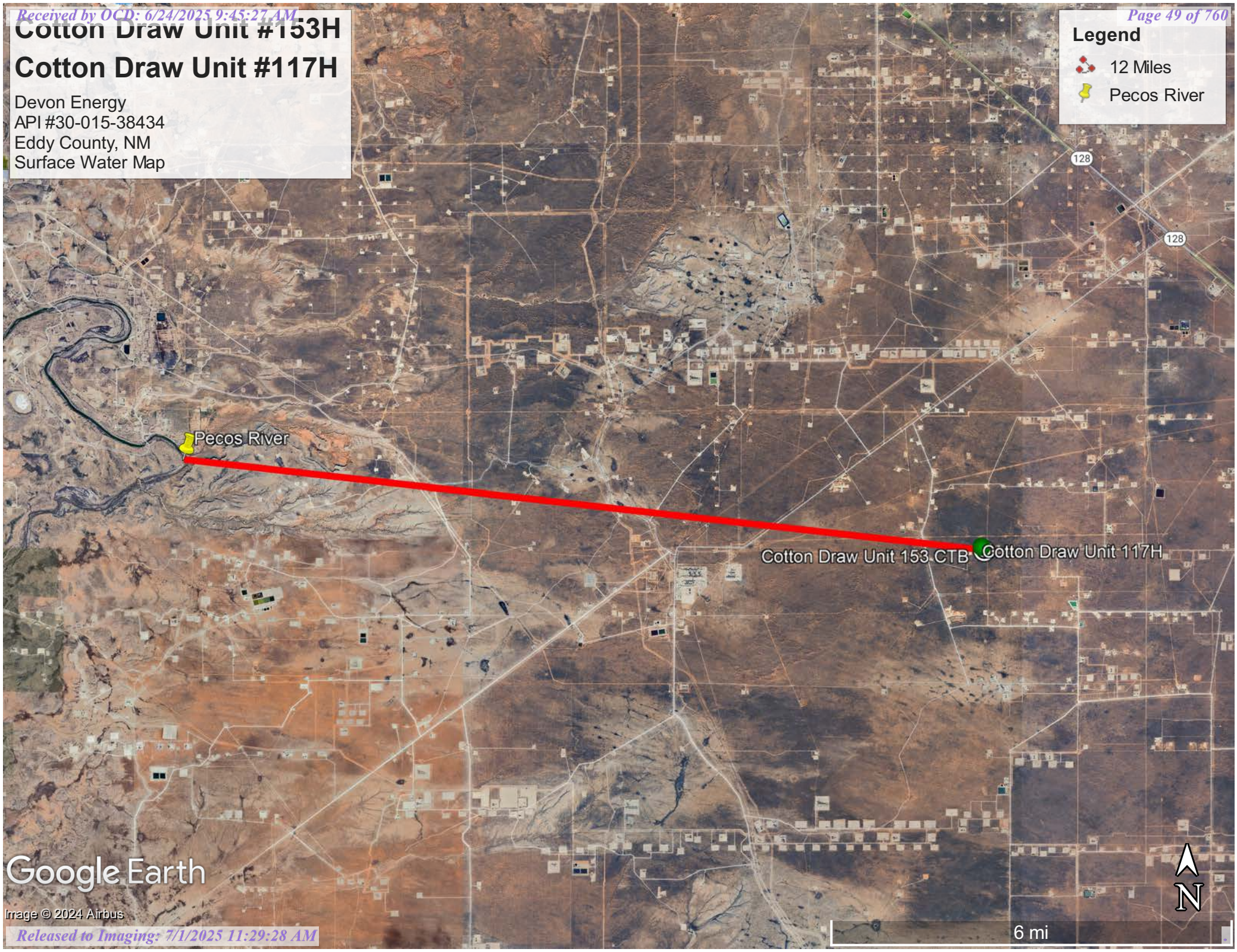
USGS science for a changing world

National Water Information System: Mapper



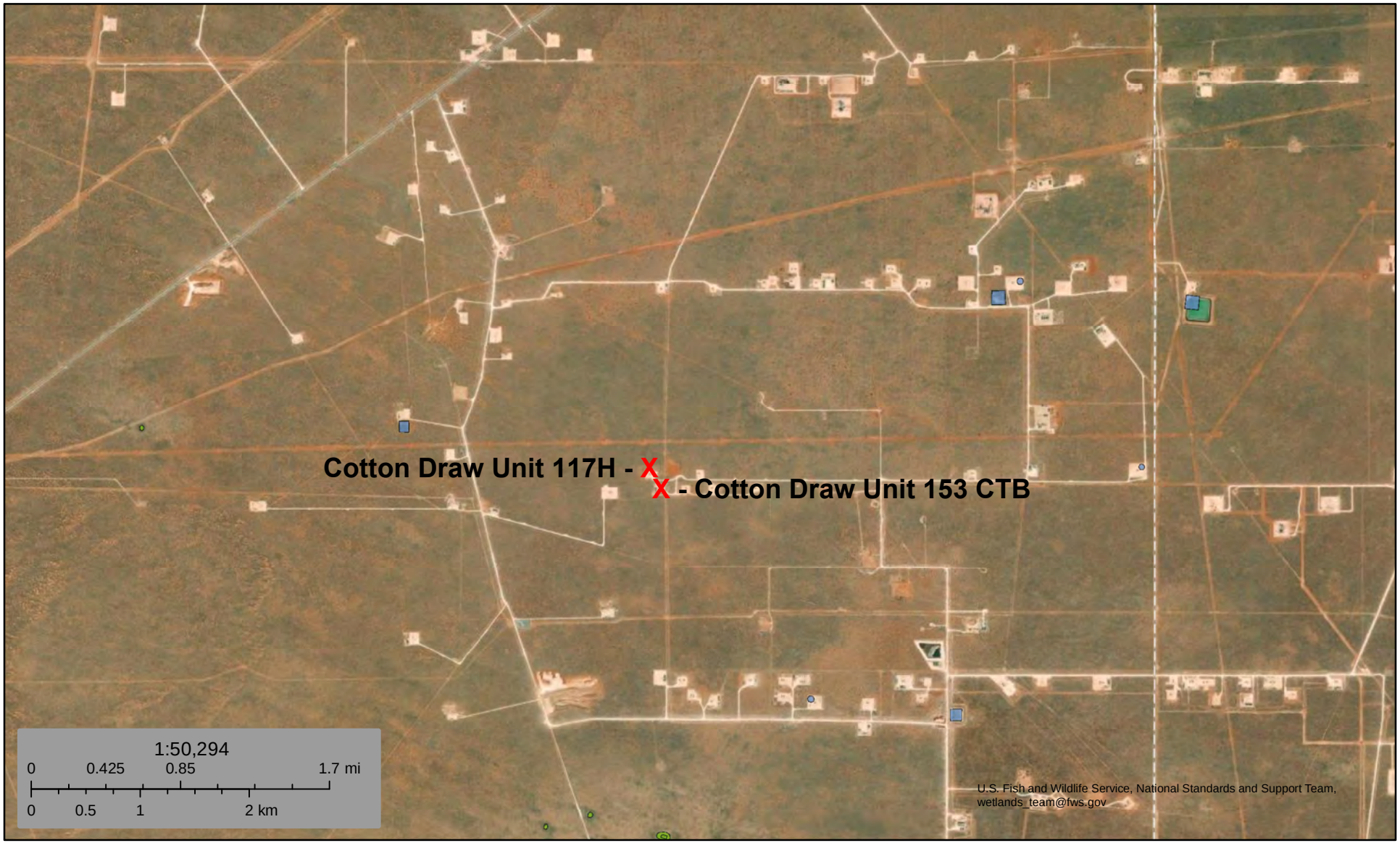
Cotton Draw Unit #153H
Cotton Draw Unit #117H

Devon Energy
API #30-015-38434
Eddy County, NM
Surface Water Map



U.S. Fish and Wildlife Service
National Wetlands Inventory

Wetlands Map



June 6, 2024

Wetlands

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

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

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

Received by OCD: 6/24/2025 9:45:27 AM

National Flood Hazard Layer FIRMette

FEMA

103°46'8"W 32°10'13"N



0 250 500 1,000 1,500 2,000 Feet

1:6,000

103°45'30"W 32°9'43"N

Basemap Imagery Source: USGS National Map 2023

Legend

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

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

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

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

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

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 6/6/2024 at 9:34 AM 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.

Released to Imaging: 7/1/2025 11:29:28 AM

APPENDIX B

Soil Survey & Geological Data

Geologic Unit Map

Received by OCD: 6/24/2025 9:45:27 AM

Eddy Area, New Mexico

BB—Berino complex, 0 to 3 percent slopes, eroded

Map Unit Setting

National map unit symbol: 1w43
Elevation: 2,000 to 5,700 feet
Mean annual precipitation: 5 to 15 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: 60 percent
Pajarito and similar soils: 25 percent
Minor components: 15 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 17 inches: fine sand
H2 - 17 to 58 inches: sandy clay loam
H3 - 58 to 60 inches: loamy sand

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 8.0 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Released to Imaging: 7/1/2025 11:29:28 AM

Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Description of Pajarito

Setting

Landform: Dunes, plains, interdunes
Landform position (three-dimensional): Side slope
Down-slope shape: Convex, linear
Across-slope shape: Convex, linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 9 inches: loamy fine sand
H2 - 9 to 72 inches: fine sandy loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
Maximum salinity: Nonsaline (0.0 to 1.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Moderate (about 8.0 inches)

Interpretive groups

Land capability classification (irrigated): 2e
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: A
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Wink

Percent of map unit: 4 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Cacique

Percent of map unit: 4 percent
Ecological site: R070BD004NM - Sandy
Hydric soil rating: No

Pajarito

Percent of map unit: 4 percent

Received by OCD: 6/24/2025 9:45:27 AM

Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Kermit

Percent of map unit: 3 percent
Ecological site: R070BD005NM - Deep Sand
Hydric soil rating: No

Data Source Information

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

Released to Imaging: 7/1/2025 11:29:28 AM

Soil Map—Eddy Area, New Mexico



Received by OCD: 6/24/2025 9:45:27 AM

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

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

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

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

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

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

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

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

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

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

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

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

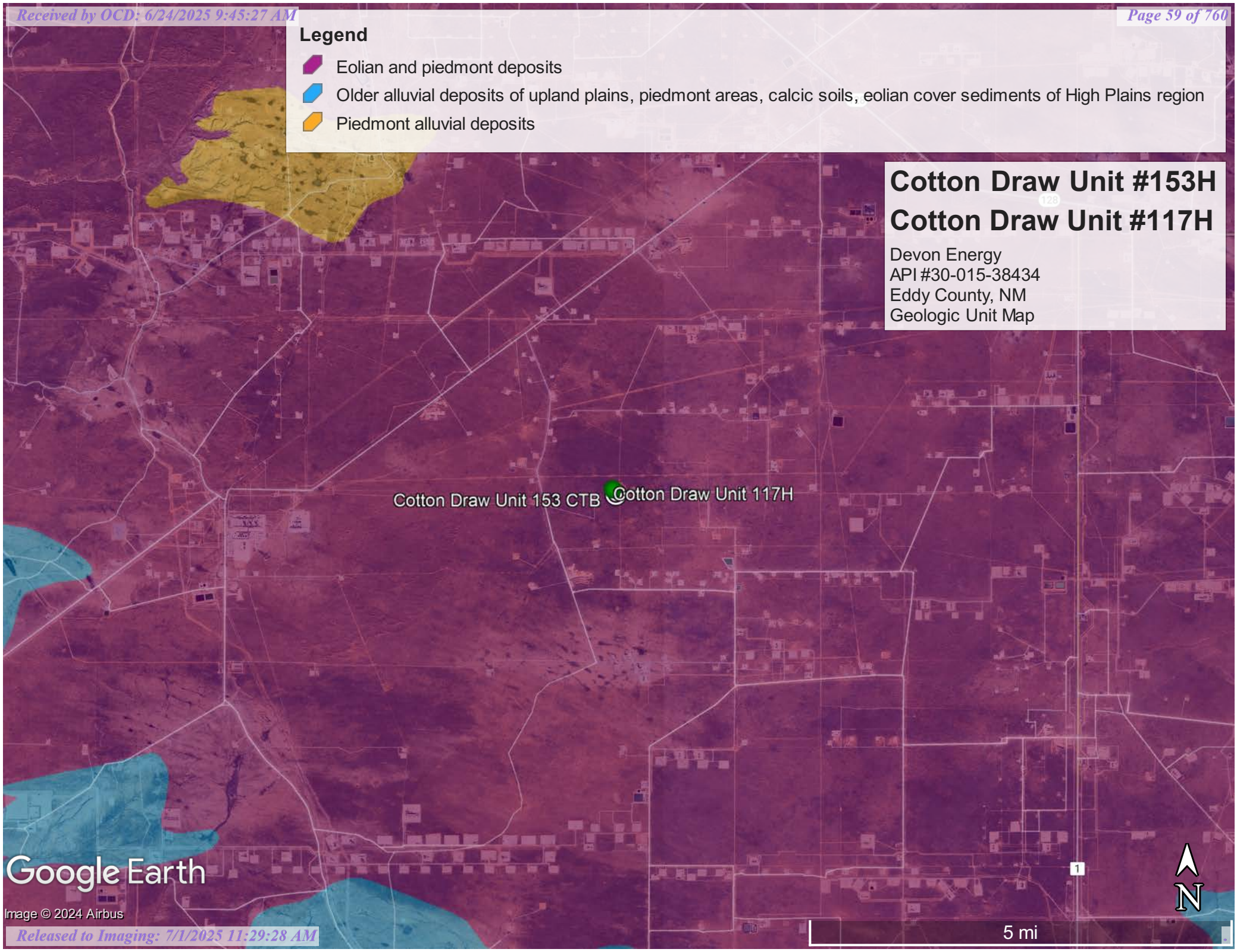
Released to Imaging: 7/1/2025 11:29:28 AM

Received by OCD: 6/24/2025 9:45:27 AM

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BB	Berino complex, 0 to 3 percent slopes, eroded	5.6	100.0%
Totals for Area of Interest		**5.6**	**100.0%**

Released to Imaging: 7/1/2025 11:29:28 AM


Legend
Eolian and piedmont deposits
Older alluvial deposits of upland plains, piedmont areas, calcic soils, eolian cover sediments of High Plains region
Piedmont alluvial deposits
Cotton Draw Unit #153H
Cotton Draw Unit #117H
Devon Energy
API #30-015-38434
Eddy County, NM
Geologic Unit Map
Cotton Draw Unit 153 CTB
Cotton Draw Unit 117H
Google Earth
Image © 2024 Airbus
5 mi
N

APPENDIX C

48-Hour Notifications

NNMOCD Correspondence

48-Hour Notifications
NMOCD Correspondence
CDU #153H

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

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

QUESTIONS

Action 368913

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 368913
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAB1911658680**
Incident Name	**NAB1911658680 COTTON DRAW UNIT #153H @ 30-015-38535**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**
Incident Well	**[30-015-38535] COTTON DRAW UNIT #153H**

Location of Release Source	
Site Name	**COTTON DRAW UNIT #153H**
Date Release Discovered	**08/14/2018**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	856
What is the estimated number of samples that will be gathered	24
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	
Time sampling will commence	10:00 AM
Please provide any information necessary for observers to contact samplers	Pima Andrew Franco 806-200-0054
Please provide any information necessary for navigation to sampling site	32.166172 -103.76725

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

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

CONDITIONS

Action 368913

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 368913
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
wdale	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.	7/31/2024

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 409704

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 409704
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAB1911658680**
Incident Name	**NAB1911658680 COTTON DRAW UNIT #153H @ 30-015-38535**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**
Incident Well	**[30-015-38535] COTTON DRAW UNIT #153H**

Location of Release Source	
Site Name	**COTTON DRAW UNIT #153H**
Date Release Discovered	**08/14/2018**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	1,456
What is the estimated number of samples that will be gathered	150
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/11/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Andrew Franco (806) 200-0054
Please provide any information necessary for navigation to sampling site	32.166134, -103.764013

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

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 409704
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraley	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.	12/9/2024

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 449174

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 449174
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAB1911658680**
Incident Name	**NAB1911658680 COTTON DRAW UNIT #153H @ 30-015-38535**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Plan Approved**
Incident Well	**[30-015-38535] COTTON DRAW UNIT #153H**

Location of Release Source	
Site Name	**COTTON DRAW UNIT #153H**
Date Release Discovered	**08/14/2018**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	1,077
What is the estimated number of samples that will be gathered	10
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/09/2025
Time sampling will commence	11:00 AM
Please provide any information necessary for observers to contact samplers	Sampler - Andrew Franco (806) 200-0054
Please provide any information necessary for navigation to sampling site	32.166134, -103.764013

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

CONDITIONS

Action 449174

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 449174
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraley	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.	4/7/2025

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 457194

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 457194
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAB1911658680**
Incident Name	**NAB1911658680 COTTON DRAW UNIT #153H @ 30-015-38535**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Plan Approved**
Incident Well	**[30-015-38535] COTTON DRAW UNIT #153H**

Location of Release Source	
Site Name	**COTTON DRAW UNIT #153H**
Date Release Discovered	**08/14/2018**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	1,087
What is the estimated number of samples that will be gathered	1
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/02/2025
Time sampling will commence	01:00 PM
Please provide any information necessary for observers to contact samplers	Sampler - Andrew Franco (806) 200-0054
Please provide any information necessary for navigation to sampling site	32.166134, -103.764013

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

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 457194
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraley	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.	4/30/2025

Gmail Delrae Pima Oil <delrae@pimaoil.com>

Variance Request Cotton Draw Unit #153H-NAB1911658680

12 messages

Delrae Pima Oil <delrae@pimaoil.com> Tue, Nov 26, 2024 at 9:59 AM
To: ocd.enviro@emnrd.nm.gov, "Raley, Jim" <jim.raley@dvn.com>

Good morning,

I am requesting a variance on behalf of Devon Energy on the Cotton Draw Unit #153H Incident NAB1911658680. NMOCD rejected a submitted closure report on August 24, 2024 (Application ID: 376457), stating that the 7/31/2024 (Application ID: 368913) sampling notification was submitted with the incorrect information. The sampling event date was entered as 08/02/2104 instead of 08/02/2024. OCD is requiring an updated C-141N be submitted that reflects the correct sampling date. It would be greatly appreciated if NMOCD would consider granting a variance for this mistake to avoid having to collect the samples again. Thank you for your time and consideration.

Sincerely,

DelRae Geller
Project Manager
Cell: 806-724-5391
Office: 575-964-7700

Pima Environmental Services, LLC.
5614 N Lovington Hwy.
Hobbs, NM 88240

Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov> Tue, Nov 26, 2024 at 2:30 PM
To: Delrae Pima Oil <delrae@pimaoil.com>
Cc: "Bratcher, Michael, EMNRD" <mike.bratcher@emnrd.nm.gov>, "Wells, Shelly, EMNRD" <Shelly.Wells@emnrd.nm.gov>, "Raley, Jim" <Jim.Raley@dvn.com>, "Smith, Cory, EMNRD" <cory.smith@emnrd.nm.gov>

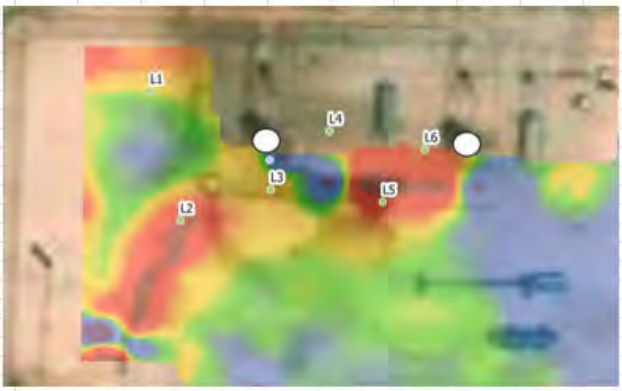
DelRae,

The reasons of rejection for application ID 376457 were:

1. OCD will not accept delineation samples as closure samples as they do not meet the requirements of 19.15.29.12 D. (1) NMAC which outlines the closure requirements. The samples that were submitted in the closure report were not five-point composite samples from the walls and base, and individual grab samples from any wet or discolored areas. The samples also were not composite and grab sample plan of the remediated area where each composite sample is not representative of more than 200 square feet, which can be performed without division approval. OCD did not find a division approved composite and grab sample plan that deviated from the requirements of 19.15.29 NMAC.

2. A previous report (submitted under application ID 5194) shows a larger area was impacted than what was sampled in the report submitted under application ID 376457 (see below). Additional sampling in the areas identified in application 5194 that are above the closure criteria must be collected and the contamination must be remediated.

Application ID 5194



Sample ID	Sample Date	Depth (feet bgs)	BTEX mg/Kg	Benzene mg/Kg	GRO mg/Kg	DRO mg/Kg	MRO mg/Kg	Total TPH mg/Kg	Cl- mg/Kg
NMOCD Closure Criteria			50	10				2,500	20,000
2RP- 5388 & 2RP- 4672									
L1	11/1/2019	surface	<0.222	<0.039	5.4	17,000	9,600	26,605.4	<60
		2'	--	--	<4.8	220	160	380	<60
L2		surface	<0.221	<0.038	11	11,000	6300	17,311	1,800
		2'	--	--	<4.8	84	79	172	740
L3		surface	6.473	<0.023	5.0	11,000	11,000	22,005	18,000
		2'	--	--	<4.7	<9.8	<48	<62.3	1,000
L4		surface	0.22	<0.024	15	16,000	5,900	21,915	88
		2'	--	--	<5.0	300	140	440	<60
L5		surface	2.31	<0.025	38	35,000	18,000	53,038	2,100
		2'	--	--	<5.0	210	130	340	200
L6		surface	0.38	<0.024	<4.8	13,000	6,300	18,300	180
		2'	--	--	<4.8	42	<47	42	<60

Application 376457



Date: 8-2-24		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
S1	1'	ND	ND	ND	ND	ND	0	534
	2'	ND	ND	ND	ND	ND	0	181
	3'	ND	ND	ND	ND	ND	0	27.9
	4'	ND	ND	ND	ND	ND	0	ND
S2	1'	ND	ND	ND	ND	ND	0	499
	2'	ND	ND	ND	ND	ND	0	312
	3'	ND	ND	ND	ND	ND	0	25.4
	4'	ND	ND	ND	ND	ND	0	ND
S3	1'	ND	ND	ND	ND	ND	0	366
	2'	ND	ND	ND	ND	ND	0	326
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S4	1'	ND	ND	ND	ND	ND	0	483
	2'	ND	ND	ND	ND	ND	0	119
	3'	ND	ND	ND	ND	ND	0	22.8
	4'	ND	ND	ND	ND	ND	0	ND
S5	1'	ND	ND	ND	ND	ND	0	457
	2'	ND	ND	ND	ND	ND	0	259
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	31.4
SW1	(0-4')	ND	ND	ND	ND	ND	0	ND
SW2	(0-4')	ND	ND	ND	ND	ND	0	ND
SW3	(0-4')	ND	ND	ND	ND	ND	0	ND
SW4	(0-4')	ND	ND	ND	ND	ND	0	ND
BG1	(0-4')	ND	ND	ND	ND	ND	0	ND

3. The rejection regarding the sampling notification was meant to draw your attention to the fact that all future C-141Ns and/or C-141Ls must include the correct information prior to submittal. The OCD requires the C-141N be resubmitted with correct information prior to submitting your report (at this time you can backdate a sampling date).

OCD will not approve the variance as additional remediation is warranted at the site and the samples submitted in application ID 376457 will not be accepted as closure samples as mentioned above.

For all future variance requests, please ensure that the request is compliant with 19.15.29.14 NMAC. Additionally, OCD will not approve variance requests that are requested after the due date has passed unless there are extenuating circumstances. A report was due for this incident on October 31, 2024.

Please let m know if you have any questions or require any clarification.

Thank you,

Brittany Hall ● Environmental Specialist

Environmental Bureau Projects Group

EMNRD - Oil Conservation Division

1000 Rio Brazos Road | Aztec, NM 87110

505.517.5333 | Brittany.Hall@emnrd.nm.gov

http://www.emnrd.nm.gov/ocd/

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The Digital C-141 guidance documents can be found at https://www.emnrd.nm.gov/ocd/ocd-announcements-and-notifications/ or https://www.emnrd.nm.gov/ocd/ocd-forms/.

From: Delrae Pima Oil <delrae@pimaoil.com>
Sent: Tuesday, November 26, 2024 10:00 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; Raley, Jim <jim.raley@dvn.com>
Subject: [EXTERNAL] Variance Request Cotton Draw Unit #153H-NAB1911658680

You don't often get email from delrae@pimaoil.com. Learn why this is important

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

[Quoted text hidden]

Delrae Pima Oil <delrae@pimaoil.com> Wed, Nov 27, 2024 at 9:25 AM
To: Tom Pima Pima Oil <tom@pimaoil.com>

[Quoted text hidden]

Delrae Pima Oil <delrae@pimaoil.com> Wed, Nov 27, 2024 at 10:57 AM
To: "Hall, Brittany, EMNRD" <Brittany.Hall@emnrd.nm.gov>, "Raley, Jim" <jim.raley@dvn.com>

Thank you for your response. I have some additional questions in regards to how to proceed. I called and received your voicemail earlier this morning. When you get a chance, could you please give me a call?

[Quoted text hidden]
[Quoted text hidden]

Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov> Mon, Dec 2, 2024 at 7:46 AM
To: Delrae Pima Oil <delrae@pimaoil.com>
Cc: "Raley, Jim" <jim.raley@dvn.com>

Good morning,

I am available today after 10 AM (MT). Please give me a call at your convenience.

[Quoted text hidden]

Delrae Pima Oil <delrae@pimaoil.com> Mon, Dec 2, 2024 at 9:32 AM
To: "Hall, Brittany, EMNRD" <Brittany.Hall@emnrd.nm.gov>
Cc: "Raley, Jim" <jim.raley@dvn.com>

Okay, I sure will. Please see the attached map that I'd like your feedback on.

Thank you,
[Quoted text hidden]
[Quoted text hidden]

CDU #153 and #117 Comparison Map.pdf
2648K

Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov> Tue, Dec 3, 2024 at 10:37 AM
To: Delrae Pima Oil <delrae@pimaoil.com>
Cc: "Raley, Jim" <jim.raley@dvn.com>

DelRae,

I just tried to return your call regarding this incident.

Please give me a call back when you can.

[Quoted text hidden]

Delrae Pima Oil <delrae@pimaoil.com> Tue, Dec 3, 2024 at 11:23 AM
To: "Hall, Brittany, EMNRD" <Brittany.Hall@emnrd.nm.gov>
Cc: "Raley, Jim" <jim.raley@dvn.com>

Brittany,

Per our conversation, I will get a sampling map put together including the sample points MMX had on their closure report for your review and approval.

Thank you,

[Quoted text hidden]
[Quoted text hidden]

Delrae Pima Oil <delrae@pimaoil.com> Thu, Dec 5, 2024 at 7:45 AM
To: "Hall, Brittany, EMNRD" <Brittany.Hall@emnrd.nm.gov>
Cc: "Raley, Jim" <jim.raley@dvn.com>

Good morning,

Attached is the sampling map we discussed for the Cotton Draw Unit #153H Incident NAB1911658680.

We propose to sample the Cotton Draw Unit 153H spill area and collect seven (7) bottom samples from surface, 1', 2', 3' and 4' and eight (8) sidewall samples from surface, 1', 2', 3', and 4'.

We will collect three (3) bottom samples from surface, 1', 2', 3' and 4' to determine contamination for L1, L3 and L4 MMX sample points and twelve (12) sidewall samples from surface 1', 2', 3' and 4'. We are starting with a 200 square foot area per sample point, should contamination be present, we will return to collect additional samples until the extent of the release is determined.

We have an approved work plan on the Cotton Draw Unit 117H Incident NAB18008251008 these areas are highlighted in red and turquoise on the proposed sample map. If any of the above mentioned sample points come back over the limits, we will write a remediation work plan to include remediation of these areas with the Cotton Draw Unit 117H and will remediate all areas at the same time. Should these samples come back under the limits, we are requesting a variance to use these samples as confirmation samples.

I appreciate your consideration and your time regarding this matter.

Thank you,

[Quoted text hidden]
[Quoted text hidden]

Proposed Sampling Map-CDU #153H.pdf
2811K

Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov> Thu, Dec 5, 2024 at 11:54 AM
To: Delrae Pima Oil <delrae@pimaoil.com>
Cc: "Raley, Jim" <jim.raley@dvn.com>, "Velez, Nelson, EMNRD" <Nelson.Velez@emnrd.nm.gov>

Delrae,

I have forwarded this sampling plan to Nelson Velez (cc'ed on this email as well) for review.

I am currently unable to review it in a timely manner and have asked Nelson for assistance. I will give him some background information regarding our telephone conversation, so he is in the loop.

[Quoted text hidden]

Delrae Pima Oil <delrae@pimaoil.com> Thu, Dec 5, 2024 at 12:15 PM
To: "Hall, Brittany, EMNRD" <Brittany.Hall@emnrd.nm.gov>
Cc: "Raley, Jim" <jim.raley@dvn.com>, "Velez, Nelson, EMNRD" <Nelson.Velez@emnrd.nm.gov>

Thank you, Brittany. I appreciate all your help in this matter.

[Quoted text hidden]
[Quoted text hidden]

Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov> Thu, Dec 5, 2024 at 2:46 PM
To: Delrae Pima Oil <delrae@pimaoil.com>, "Hall, Brittany, EMNRD" <Brittany.Hall@emnrd.nm.gov>
Cc: "Raley, Jim" <jim.raley@dvn.com>

Good afternoon Delrae,

Your variance request toward an alternative sampling plan per 19.15.29.12D (1b) NMAC as written below to use individual grab as confirmation samples as long as any of the sample points collected are under the allowable concentrations of the closure standards is approved. Sampling notification still applies for this plan. Reclamation standards will be used once the site has been plugged and abandoned.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

The OCD requires a copy of all correspondence relative to remedial activities be included in all proposals and/or final closure reports. Correspondence required to be included in reports may include, but not limited to, notifications for liner inspections, sample events, spill/release/fire, and request for time extensions or variances.

Regards,

Nelson Velez • Environmental Specialist - Adv
Environmental Bureau | EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87410
(505) 469-6146 | nelson.velez@emnrd.nm.gov
http://www.emnrd.nm.gov/ocd

From: Delrae Pima Oil <delrae@pimaoil.com>
Sent: Thursday, December 5, 2024 12:15 PM
To: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>
Cc: Raley, Jim <jim.raley@dvn.com>; Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Subject: Re: [EXTERNAL] Variance Request Cotton Draw Unit #153H-NAB1911658680

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Gmail

Delrae Pima Oil <delrae@pimaoil.com>

Cotton Draw Unit #153H (Incident#NAB1911658680)

18 messages

Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov> Mon, Jan 6, 2025 at 2:02 PM
To: "Raley, Jim" <Jim.Raley@dvn.com>, Delrae Pima Oil <delrae@pimaoil.com>
Cc: "Smith, Cory, EMNRD" <cory.smith@emnrd.nm.gov>, "Bratcher, Michael, EMNRD" <mike.bratcher@emnrd.nm.gov>, "Romero, Rosa, EMNRD" <RosaM.Romero@emnrd.nm.gov>

Mr. Raley and Ms. Geller,

I am reviewing the remediation plan that was submitted for the above referenced incident number that was submitted under application ID 414187.

Samples S1 through S5 collected 8/2/2024 returned TPH results of non-detect. After the sampling plan was submitted and approved, those same sampling locations plus the two additional sampling locations (S6 and S7) collected on 12/11/2024 returned results for TPH that are vastly different. Additionally, the chloride sample results are not correlating with each other in the two different sampling events.

Can you please provide an explanation of the discrepancies?

A copy of the response will be uploaded to the application.

Thank you,

Brittany Hall • Environmental Specialist

Environmental Bureau Projects Group

EMNRD - Oil Conservation Division

1000 Rio Brazos Road | Aztec, NM 87110

505.517.5333 | Brittany.Hall@emnrd.nm.gov

http://www.emnrd.nm.gov/ocd/

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The Digital C-141 guidance documents can be found at https://www.emnrd.nm.gov/ocd/ocd-announcements-and-notifications/ or https://www.emnrd.nm.gov/ocd/ocd-forms/.

Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov> Fri, Jan 17, 2025 at 2:55 PM
To: "Raley, Jim" <Jim.Raley@dvn.com>, Delrae Pima Oil <delrae@pimaoil.com>
Cc: "Smith, Cory, EMNRD" <cory.smith@emnrd.nm.gov>, "Bratcher, Michael, EMNRD" <mike.bratcher@emnrd.nm.gov>, "Romero, Rosa, EMNRD" <RosaM.Romero@emnrd.nm.gov>

Good afternoon,

Can I get an update on the requested information (please see below).

Thank you,

Brittany Hall • Environmental Specialist

Environmental Bureau Projects Group

EMNRD - Oil Conservation Division

1000 Rio Brazos Road | Aztec, NM 87110

505.517.5333 | Brittany.Hall@emnrd.nm.gov

http://www.emnrd.nm.gov/ocd/

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The Digital C-141 guidance documents can be found at https://www.emnrd.nm.gov/ocd/ocd-announcements-and-notifications/ or https://www.emnrd.nm.gov/ocd/ocd-forms/.

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Delrae Pima Oil <delrae@pimaoil.com> Mon, Jan 20, 2025 at 7:40 AM
To: "Hall, Brittany, EMNRD" <Brittany.Hall@emnrd.nm.gov>
Cc: "Raley, Jim" <Jim.Raley@dvn.com>, "Smith, Cory, EMNRD" <cory.smith@emnrd.nm.gov>, "Bratcher, Michael, EMNRD" <mike.bratcher@emnrd.nm.gov>, "Romero, Rosa, EMNRD" <RosaM.Romero@emnrd.nm.gov>

Good morning,

Mr. Raley is working on a response to send over to you ASAP.

Thank you,

DelRae Geller
Project Manager
Cell: 806-724-5391
Office: 575-964-7700

Pima Environmental Services, LLC.
5614 N Lovington Hwy.
Hobbs, NM 88240

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Raley, Jim <Jim.Raley@dvn.com> Mon, Jan 20, 2025 at 2:08 PM
To: "Hall, Brittany, EMNRD" <Brittany.Hall@emnrd.nm.gov>, Delrae Pima Oil <delrae@pimaoil.com>
Cc: "Smith, Cory, EMNRD" <cory.smith@emnrd.nm.gov>, "Bratcher, Michael, EMNRD" <mike.bratcher@emnrd.nm.gov>, "Romero, Rosa, EMNRD" <RosaM.Romero@emnrd.nm.gov>, "Decker, Lisa" <Lisa.Decker@dvn.com>, "Robison, Jason" <Jason.Robison@dvn.com>

Brittany,

After reviewing the sampling data, speaking with Ms. Geller, and personally visiting the site, I am uncertain as to why sampling has different results.

To ensure the data is correct we will have a separate third-party environmental company sample that spill area again. I will then follow-up to this email with the results to ensure we have the correct data for you to evaluate the proposed remediation workplan.

Would our recommended next step satisfy NMOCD's concerns?

Jim Raley | Environmental Professional - Permian Basin

5315 Buena Vista Dr., Carlsbad, NM 88220

C: (575)689-7597 | jim.raley@dvn.com



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Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov> Tue, Jan 21, 2025 at 7:31 AM
To: "Raley, Jim" <Jim.Raley@dvn.com>, Delrae Pima Oil <delrae@pimaoil.com>
Cc: "Smith, Cory, EMNRD" <cory.smith@emnrd.nm.gov>, "Bratcher, Michael, EMNRD" <mike.bratcher@emnrd.nm.gov>, "Romero, Rosa, EMNRD" <RosaM.Romero@emnrd.nm.gov>, "Decker, Lisa" <Lisa.Decker@dvn.com>, "Robison, Jason"

<Jason.Robison@dvn.com>

Good morning Jim,

Can you, or the separate environmental contractor who will be performing the additional sampling, provide sampling procedures and the locations of where the sampling will occur?

Please provide the analytical results, a site map (including the sampling locations, depths, etc.), and photos of the sampling taking place.

Thank you,

Brittany Hall ● Environmental Specialist

Environmental Bureau Projects Group

EMNRD - Oil Conservation Division

1000 Rio Brazos Road | Aztec, NM 87110

505.517.5333 | Brittany.Hall@emnrd.nm.gov

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Raley, Jim <Jim.Raley@dvn.com> Tue, Jan 21, 2025 at 7:34 AM
To: "Hall, Brittany, EMNRD" <Brittany.Hall@emnrd.nm.gov>, Delrae Pima Oil <delrae@pimaoil.com>
Cc: "Smith, Cory, EMNRD" <cory.smith@emnrd.nm.gov>, "Bratcher, Michael, EMNRD" <mike.bratcher@emnrd.nm.gov>, "Romero, Rosa, EMNRD" <RosaM.Romero@emnrd.nm.gov>, "Decker, Lisa" <Lisa.Decker@dvn.com>, "Robison, Jason" <Jason.Robison@dvn.com>

Brittany,

Yes. We will reply back with the sampling procedures and proposed locations.

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Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov> Tue, Jan 21, 2025 at 7:44 AM
To: "Raley, Jim" <Jim.Raley@dvn.com>, Delrae Pima Oil <delrae@pimaoil.com>
Cc: "Smith, Cory, EMNRD" <cory.smith@emnrd.nm.gov>, "Bratcher, Michael, EMNRD" <mike.bratcher@emnrd.nm.gov>, "Romero, Rosa, EMNRD" <RosaM.Romero@emnrd.nm.gov>, "Decker, Lisa" <Lisa.Decker@dvn.com>, "Robison, Jason" <Jason.Robison@dvn.com>

Jim,

Thank you. I will keep an eye out for that email.

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Delrae Pima Oil <delrae@pimaoil.com> Wed, Jan 22, 2025 at 2:48 PM
To: "Hall, Brittany, EMNRD" <Brittany.Hall@emnrd.nm.gov>, "Raley, Jim" <jim.raley@dvn.com>

Hello Brittany,

The Cotton Draw Unit #153H requires a report be turned in by 1/31/2025. Mr. Raley is in the process of having the above-mentioned additional samples collected. May we please get an extension granted to allow us more time to gather and include those results in a new remediation work plan?

We are also requesting an extension on the Cotton Draw Unit #117H- NAB1808251008. This incident also requires a closure report to be turned in by 1/31/2025. The OCD requested that these two incidents be handled simultaneously as they are located on the same site. We are waiting for approval of a remediation work plan on the Cotton Draw Unit #153H so we can clean both incidents and submit a combined closure report as requested.

I appreciate your time and help in this matter.

Thank you,

DelRae Geller
Project Manager
Cell: 806-724-5391
Office: 575-964-7700

Pima Environmental Services, LLC.
5614 N Lovington Hwy.
Hobbs, NM 88240

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Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov> Wed, Jan 22, 2025 at 3:04 PM
To: Delrae Pima Oil <delrae@pimaoil.com>, "Raley, Jim" <jim.raley@dvn.com>

Delrae,

How long of an extension are you requesting for the two incident numbers?

Thank you,

Brittany Hall ● Environmental Specialist

Environmental Bureau Projects Group

EMNRD - Oil Conservation Division

1000 Rio Brazos Road | Aztec, NM 87110

505.517.5333 | Brittany.Hall@emnrd.nm.gov

http://www.emnrd.nm.gov/ocd/

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Delrae Pima Oil <delrae@pimaoil.com> Wed, Jan 22, 2025 at 3:21 PM
To: "Hall, Brittany, EMNRD" <Brittany.Hall@emnrd.nm.gov>
Cc: "Raley, Jim" <jim.raley@dvn.com>

Brittany,

I'm hoping 60 days would be sufficient to collect additional samples, receive the laboratory report, draft and submit a new remediation work plan, get it approved by OCD, remediate both incidents, and draft and submit a combined closure report.

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Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov> Thu, Jan 23, 2025 at 7:12 AM
To: Delrae Pima Oil <delrae@pimaoil.com>
Cc: "Raley, Jim" <jim.raley@dvn.com>

Delrae,

The 60-day extensions for NAB1911658680 and NAB1808251008 are approved. The new due date for both incidents is March 28, 2025.

Please include a copy of this email chain in the next submittals for both incident numbers.

[Quoted text hidden]

Delrae Pima Oil <delrae@pimaoil.com> Thu, Jan 23, 2025 at 8:22 AM
To: "Hall, Brittany, EMNRD" <Brittany.Hall@emnrd.nm.gov>
Cc: "Raley, Jim" <jim.raley@dvn.com>

Great, thank you so much.

[Quoted text hidden]
[Quoted text hidden]

Raley, Jim <Jim.Raley@dvn.com> Mon, Jan 27, 2025 at 6:05 AM
To: "Hall, Brittany, EMNRD" <Brittany.Hall@emnrd.nm.gov>, Delrae Pima Oil <delrae@pimaoil.com>
Cc: "Smith, Cory, EMNRD" <cory.smith@emnrd.nm.gov>, "Bratcher, Michael, EMNRD" <mike.bratcher@emnrd.nm.gov>, "Romero, Rosa, EMNRD" <RosaM.Romero@emnrd.nm.gov>, "Decker, Lisa" <Lisa.Decker@dvn.com>, "Robison, Jason" <Jason.Robison@dvn.com>

Brittany,

Please find attached sampling plan for incident NAB1911658680.

[Quoted text hidden]

Soil Sampling Plan and Procedure_Cotton Draw Unit #153H.pdf
23907K

Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov> Mon, Jan 27, 2025 at 12:00 PM
To: "Raley, Jim" <Jim.Raley@dvn.com>, Delrae Pima Oil <delrae@pimaoil.com>
Cc: "Smith, Cory, EMNRD" <cory.smith@emnrd.nm.gov>, "Bratcher, Michael, EMNRD" <mike.bratcher@emnrd.nm.gov>, "Romero, Rosa, EMNRD" <RosaM.Romero@emnrd.nm.gov>, "Decker, Lisa" <Lisa.Decker@dvn.com>, "Robison, Jason" <Jason.Robison@dvn.com>

Jim,

The soil sampling plan and procedure is conditionally approved.

The area of concern must be fully delineated, both horizontally and vertically. Additional sample points may need to be added to fully delineate the release.

Proposed sampling locations should be collected as close as possible to the original borehole locations identified in the 8/2/2024 and 12/11/2024 sampling events as these sampling events returned results drastically different from one another. The 8/2/2024 sampling event indicated that there was no contamination found above the closure criteria but the 12/11/2024 sampling event indicated that there was contamination above the closure criteria.

Be advised that OCD does not accept site assessment/delineation soil samples as closure samples. If delineation/site assessment samples return results below the closure criteria are to be proposed to be used as closure samples, a variance request must be submitted with the remediation closure report as a request for acceptance of using delineation grab samples as closure samples was not specified in the sampling plan. Any variance request must include a detailed statement explaining the need for a variance; and a detailed written demonstration that the variance will provide equal or better protection of fresh water, public health and the environment pursuant to 19.15.29.14 A. (1) and (2) NMAC. The variance must also include a statement as to why the results of the samples collected on 12/11/2024 should not be considered as accurate data and the release should be closed.

When the C-141N is submitted, please send me a notification via email that the C-141N has been submitted.

Alternatively, Devon can choose to remediate the area and collect closure confirmation samples and submit a remediation closure report.

Please include a copy of this email chain and the Sampling Plan and Procedures in the next submittal.

[Quoted text hidden]

Soil Sampling Plan and Procedure_Cotton Draw Unit #153H.pdf
23907K

Raley, Jim <Jim.Raley@dvn.com> Wed, Feb 19, 2025 at 1:54 PM
To: "Hall, Brittany, EMNRD" <Brittany.Hall@emnrd.nm.gov>, Delrae Pima Oil <delrae@pimaoil.com>
Cc: "Smith, Cory, EMNRD" <cory.smith@emnrd.nm.gov>, "Bratcher, Michael, EMNRD" <mike.bratcher@emnrd.nm.gov>, "Romero, Rosa, EMNRD" <RosaM.Romero@emnrd.nm.gov>, "Decker, Lisa" <Lisa.Decker@dvn.com>, "Robison, Jason" <Jason.Robison@dvn.com>, NM TX Geo Group <NMTXGeoGroup@etechenv.com>

Brittany,

Attached is the follow up samples and sampling notifications for Cotton Draw Unit #153H (Incident#NAB1911658680). These samples were collected by E-Tech.

In reviewing your email for this response I see you had requested I email you separately when the sampling notifications were submitted to OCD, I overlooked this and apologize. Please let me know if you would like anything further in regards to this incident.

[Quoted text hidden]

---------- Forwarded message ----------
From: "OCDOnline@state.nm.us" <OCDOnline@state.nm.us>
To: "Raley, Jim" <Jim.Raley@dvn.com>
Cc:
Bcc:
Date: Fri, 31 Jan 2025 23:04:18 +0000
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 427268

To whom it may concern (c/o James Raley 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#) nAB1911658680.

The sampling event is expected to take place:

When: 02/05/2025 @ 07:00
Where: B-03-25S-31E 0 FNL 0 FEL (32.166134,-103.764013)

Additional Information: Please contact Erick Herrera at 432-305-6416 with any questions.

Additional Instructions: From the intersection of Buck Jackson Rd and Buckthorn Rd head Southeast on Buckhorn Rd for approximately 3.2mi, turn left for 0.6 mi, turn left for 1.2 mi, turn left for 200ft to reach the Cotton Draw Unit #153H (32.166134, -103.764013).

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

---------- Forwarded message ----------
From: "OCDOnline@state.nm.us" <OCDOnline@state.nm.us>
To: "Raley, Jim" <Jim.Raley@dvn.com>
Cc:
Bcc:
Date: Fri, 31 Jan 2025 23:07:01 +0000
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 427269

To whom it may concern (c/o James Raley 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#) nAB1911658680.

The sampling event is expected to take place:

When: 02/06/2025 @ 07:00
Where: B-03-25S-31E 0 FNL 0 FEL (32.166134,-103.764013)

Additional Information: Please contact Erick Herrera at 432-305-6416 with any questions.

Additional Instructions: From the intersection of Buck Jackson Rd and Buckthorn Rd head Southeast on Buckhorn Rd for approximately 3.2mi, turn left for 0.6 mi, turn left for 1.2 mi, turn left for 200ft to reach the Cotton Draw Unit #153H (32.166134, -103.764013).

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

---------- Forwarded message ----------
From: "OCDOnline@state.nm.us" <OCDOnline@state.nm.us>
To: "Raley, Jim" <Jim.Raley@dvn.com>
Cc:
Bcc:
Date: Fri, 31 Jan 2025 23:09:59 +0000
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 427270

To whom it may concern (c/o James Raley 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#) nAB1911658680.

The sampling event is expected to take place:

When: 02/07/2025 @ 07:00

Where: B-03-25S-31E 0 FNL 0 FEL (32.166134,-103.764013)

Additional Information: Please contact Erick Herrera at 432-305-6416 with any questions.

Additional Instructions: From the intersection of Buck Jackson Rd and Buckthorn Rd head Southeast on Buckhorn Rd for approximately 3.2mi, turn left for 0.6 mi, turn left for 1.2 mi, turn left for 200ft to reach the Cotton Draw Unit #153H (32.166134, -103.764013).

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

---

5 attachments

Figure 2 - Delineation_v2.pdf
723K

Table 1_Soil Sample Laboratory Analytical Results_Cotton Draw Unit #153.pdf
740K

[EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 427268.eml
19K

[EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 427269.eml
19K

[EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 427270.eml
19K

Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov> Fri, Feb 21, 2025 at 11:37 AM
To: "Raley, Jim" <Jim.Raley@dvn.com>, Delrae Pima Oil <delrae@pimaoil.com>
Cc: "Smith, Cory, EMNRD" <cory.smith@emnrd.nm.gov>, "Bratcher, Michael, EMNRD" <mike.bratcher@emnrd.nm.gov>, "Romero, Rosa, EMNRD" <RosaM.Romero@emnrd.nm.gov>, "Decker, Lisa" <Lisa.Decker@dvn.com>, "Robison, Jason" <Jason.Robison@dvn.com>, NM TX Geo Group <NMTXGeoGroup@etechenv.com>

Jim,

The attached set of sampling results again shows a discrepancy between the previous sampling results and does not explain how or why the soil sampling results have been so variable over a relatively short timeframe.

During Pima's 8/2/2024 sampling event, all TPH and BTEX results were non-detect and the chlorides ranged from non-detect to 534 mg/kg for S1 through S5 and SW1 and SW4.

During Pima's 12/11/2024 sampling event of the same release footprint, TPH results were drastically different ranging from non-detect to 5,170 mg/kg.

During Etech's sampling event, the footprint of the "area of concern" measures approximately 1,077 square feet, which is approximately 220 square feet larger than the reported square footage (856 square feet) on the C-141 submitted under application ID: 414187. Etech also collected more samples which returned drastically different results than what were reported in both of Pima's sampling events. The results for the samples that were collected by Etech at 1 foot below ground surface were below laboratory detection limit detection limits in all boreholes, but Pima's samples collected on 12/11/2024 at 1 foot below ground surface returned TPH results ranging from 3,750 mg/kg to 5,170 mg/kg.

Can you please explain the following:

1. How is Devon choosing which sample event to utilize for this incident? Please include the justification of choosing.

2. Explain why the analytical results from 3 separate sampling events not correlate with each other?
3. Why is Etech's mapped "area of concern" larger than what Pima and Devon have reported in the past?
4. What was the justification for Etech collecting more samples than what were collected previously?
5. What are Devon's next steps to advance NAB1911658680 to remediation closure? Application ID: 414187 is still pending my review.

Please do not hesitate to reach out if you have any questions or require any additional information.

[Quoted text hidden]

Raley, Jim <Jim.Raley@dvn.com> Tue, Mar 11, 2025 at 12:43 PM
To: "Hall, Brittany, EMNRD" <Brittany.Hall@emnrd.nm.gov>, Delrae Pima Oil <delrae@pimaoil.com>
Cc: "Smith, Cory, EMNRD" <cory.smith@emnrd.nm.gov>, "Bratcher, Michael, EMNRD" <mike.bratcher@emnrd.nm.gov>, "Romero, Rosa, EMNRD" <RosaM.Romero@emnrd.nm.gov>, "Decker, Lisa" <Lisa.Decker@dvn.com>, "Robison, Jason" <Jason.Robison@dvn.com>, NM TX Geo Group <NMTXGeoGroup@etechenv.com>

Brittany,

Apologize for any delay. Below are my replies to your questions.

1. How is Devon choosing which sample event to utilize for this incident? Please include the justification of choosing.

Devon is choosing to use both the second round of PIMA soil samples and the most recent Etech soil samples to drive remediation for this Incident. The PIMA soil samples will drive vertical advancement of the excavation, while Etech soil samples will drive the horizontal extent. Ultimately, confirmation soil samples from the excavation floor and sidewalls will be the final driver vertically and horizontally. Even though Devon doesn't fully understand why the PIMA samples exhibited much higher TPH concentrations, Devon recognizes and respects the laboratory analytical results and effectively wants to remove said concentrations. The Etech soil samples will be used for the initial horizontal extent of the excavation, because they are the most recent collected soil samples.

2. Explain why the analytical results from 3 separate sampling events not correlate with each other?

Devon recognizes the discrepancies between the 8/2/2024 and 12/11/2024 PIMA data sets and the 12/11/2024 PIMA data set and the Etech data set. Devon believes that the apparent 12/11/2024 PIMA data set anomaly may have been human error contributed to soil samples being mixed up with another Cotton Draw site due to the similar nomenclature used and incorrect COC procedures as denoted on the Sample Receipt Checklist for 12/11/2024 soil samples. The Sample Receipt Checklist for 8/2/2024 PIMA soil samples also denoted an "incomplete" COC. The soil sample concentrations of the 8/2/2024 PIMA soil samples and the Etech soil samples are similar and such minor discrepancies may be due to the fact that discrete samples/delineation samples are specific to that location and depth. Even though Etech attempted to collect soil samples as close as possible to all of the previous locations, some variability is to be expected (concerning the first round of PIMA samples and Etech soil samples). I.e. Soil samples are collected and placed in a plastic bag, a soil aliquot is removed from the bag and then packaged into a pre-cleaned lab-provided glass jar, and then at least one other soil aliquot is then taken from the jar and then analyzed by the lab.

3. Why is Etech's mapped "area of concern" larger than what Pima and Devon have reported in the past?

The Area of Concern (AOC) provided by Etech was an estimate based on PIMA's figures. Etech tried to match the area as best as possible given identifiable markings on the figure imagery but errored on the side of caution for the purpose of investigation.

4. What was the justification for Etech collecting more samples than what were collected previously?

Etech conducted delineation soil sampling at all of the previous sampling locations and added additional delineation locations to fill in the "gaps" to better understand concentrations of chloride, TPH, and BTEX in the soils throughout the AOC. Additional data helps outline a more secure Scope of Work (SOW) for potential future remediation.

5. What are Devon's next steps to advance NAB1911658680 to remediation closure? Application ID: 414187 is still pending my review.

As outlined above, Devon proposes to excavate the AOC, as defined by Etech, up to 4 feet below ground surface or as further determined by excavation confirmation soil sampling laboratory analytical results. Upon receipt of confirmation that residual impacts have been excavated from the Site, Devon will backfill the excavation with "clean" soil as confirmed by laboratory analytical results and prepare a Closure Request Report and/or Reclamation Report, as appropriate. Devon believes these measures will be protective of human health and the environment, and requests approval from the NMOCD to proceed as proposed.

Appreciate you working with Devon to resolve this issue.

[Quoted text hidden]

Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov> Thu, Mar 13, 2025 at 1:19 PM
To: "Raley, Jim" <Jim.Raley@dvn.com>, Delrae Pima Oil <delrae@pimaoil.com>
Cc: "Smith, Cory, EMNRD" <cory.smith@emnrd.nm.gov>, "Bratcher, Michael, EMNRD" <mike.bratcher@emnrd.nm.gov>, "Romero, Rosa, EMNRD" <RosaM.Romero@emnrd.nm.gov>, "Decker, Lisa" <Lisa.Decker@dvn.com>, "Robison, Jason" <Jason.Robison@dvn.com>, NM TX Geo Group <NMTXGeoGroup@etechenv.com>

Thank you for the response, Jim.

I will add copies of our email correspondence and Etech's sampling results to the open application for the remediation plan (application ID: 414187).

I will send any additional correspondence via either conditions of approval or reasons of rejection through the OCD Permitting website.

[Quoted text hidden]

Gmail

Delrae Pima Oil <delrae@pimaoil.com>

Cotton Draw Unit #153H-NAB1911658680

2 messages

Delrae Pima Oil <delrae@pimaoil.com> Mon, Apr 7, 2025 at 10:17 AM
To: "Smith, Cory, EMNRD" <cory.smith@emnrd.nm.gov>, "Raley, Jim" <jim.raley@dvn.com>

Good morning Cory,

Brittany Hall reviewed and approved the Remediation Work Plan for the above incident, with the condition that someone from the NMOCD be present when the confirmation samples are collected. We have completed the excavation, and plan to collect confirmation samples on Wednesday 4/9/2025 at 11:00 a.m. Please let me know if this date and time doesn't work, and we can reschedule.

DelRae Geller
Project Manager
Cell: 806-724-5391
Office: 575-964-7700

Pima Environmental Services, LLC.
5614 N Lovington Hwy.
Hobbs, NM 88240

Smith, Cory, EMNRD <cory.smith@emnrd.nm.gov> Mon, Apr 7, 2025 at 4:02 PM
To: Delrae Pima Oil <delrae@pimaoil.com>, "Raley, Jim" <jim.raley@dvn.com>
Cc: "Bratcher, Michael, EMNRD" <mike.bratcher@emnrd.nm.gov>, "Hamlet, Robert, EMNRD" <Robert.Hamlet@emnrd.nm.gov>

Delrae,

Wednesday 4/9/2025 at 11:00 a.m sampling at the Cotton Draw Unit #153H works for the OCD.

Please let us know as soon as possible if the Date or time needs to be changed.

Cory Smith ● Environmental Projects Supervisor

Environmental Bureau

EMNRD - Oil Conservation Division

5200 Oakland Avenue N.E Suite 100 | Albuquerque, NM 87113

505.419.2687 | Cory.Smith@emnrd.nm.gov

http://www.emnrd.state.nm.us/OCD/

From: Delrae Pima Oil <delrae@pimaoil.com>
Sent: Monday, April 7, 2025 10:18 AM
To: Smith, Cory, EMNRD <cory.smith@emnrd.nm.gov>; Raley, Jim <jim.raley@dvn.com>
Subject: [EXTERNAL] Cotton Draw Unit #153H-NAB1911658680

You don't often get email from delrae@pimaoil.com. Learn why this is important

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good morning Cory,

Brittany Hall reviewed and approved the Remediation Work Plan for the above incident, with the condition that someone from the NMOCD be present when the confirmation samples are collected. We have completed the excavation, and plan to collect confirmation samples on Wednesday 4/9/2025 at 11:00 a.m. Please let me know if this date and time doesn't work, and we can reschedule.

DelRae Geller
Project Manager
Cell: 806-724-5391
Office: 575-964-7700

[Quoted text hidden]

48-Hour Notifications
NMOCD Correspondence
CDU #117H

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

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

QUESTIONS

Action 368267

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 368267
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAB1808251008**
Incident Name	**NAB1808251008 COTTON DRAW UNIT #117H @ 30-015-38434**
Incident Type	**Oil Release**
Incident Status	**Initial C-141 Approved**
Incident Well	**[30-015-38434] COTTON DRAW UNIT #117H**

Location of Release Source	
Site Name	**COTTON DRAW UNIT #117H**
Date Release Discovered	**03/11/2018**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	1,050
What is the estimated number of samples that will be gathered	32
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/01/2024
Time sampling will commence	10:00 AM
Please provide any information necessary for observers to contact samplers	Andrew Franco (806) 200-0054
Please provide any information necessary for navigation to sampling site	32.1671715, -103.7645721

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

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

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 368267
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
wdale	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.	7/30/2024

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 449198

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 449198
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAB1808251008**
Incident Name	**NAB1808251008 COTTON DRAW UNIT #117H @ 30-015-38434**
Incident Type	**Oil Release**
Incident Status	**Remediation Plan Approved**
Incident Well	**[30-015-38434] COTTON DRAW UNIT #117H**

Location of Release Source	
Site Name	**COTTON DRAW UNIT #117H**
Date Release Discovered	**03/11/2018**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	400
What is the estimated number of samples that will be gathered	6
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/09/2025
Time sampling will commence	11:00 AM
Please provide any information necessary for observers to contact samplers	Sampler - Andrew Franco (806) 200-0054
Please provide any information necessary for navigation to sampling site	32.1671715, -103.764013

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

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 449198
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraley	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.	4/7/2025

Gmail

Delrae Pima Oil <delrae@pimaoil.com>

Request for Extension

3 messages

Delrae Pima Oil <delrae@pimaoil.com> Mon, Mar 24, 2025 at 1:39 PM
To: "Hall, Brittany, EMNRD" <Brittany.Hall@emnrd.nm.gov>, Jim Raley <jim.raley@dvn.com>

Good afternoon,

I am requesting an extension until 6/13/2025 on the Cotton Draw Unit #117H incident number NAB1808251008. The remediation on this site has been on hold until the Remediation Work Plan was approved for the Cotton Draw Unit #153H incident number NAB1911658680. You recently approved that work plan, and we are going to be remediating both incidents simultaneously, and submitted a combined closure report for both, per the NMOCD's request.

Thank you,

DelRae Geller
Project Manager
Cell: 806-724-5391
Office: 575-964-7700

Pima Environmental Services, LLC.
5614 N Lovington Hwy.
Hobbs, NM 88240

Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov> Mon, Mar 24, 2025 at 3:27 PM
To: Delrae Pima Oil <delrae@pimaoil.com>, Jim Raley <jim.raley@dvn.com>

Delrae,

The extension request for NAB1808251008 until 6/13/2025 is approved. Please be advised that this will be the last extension request approved for this site.

Please include a copy of this email correspondence with the next submittal.

Thank you,

Brittany Hall • Environmental Specialist

Environmental Bureau Projects Group

EMNRD - Oil Conservation Division

1000 Rio Brazos Road | Aztec, NM 87110

505.517.5333 | Brittany.Hall@emnrd.nm.gov

http://www.emnrd.nm.gov/ocd/

Effective 12/1/2024: OCD has updated guidance on karst potential occurrence zones. This notice can be found at: https://www.emnrd.nm.gov/ocd/ocd-announcements-and-notifications/ under “2024 OCD ANNOUNCEMENTS AND NOTIFICATIONS”.

The Digital C-141 guidance documents can be found at https://www.emnrd.nm.gov/ocd/ocd-announcements-and-notifications/ or https://www.emnrd.nm.gov/ocd/ocd-forms/.

From: Delrae Pima Oil <delrae@pimaoil.com>
Sent: Monday, March 24, 2025 1:39 PM
To: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>; Jim Raley <jim.raley@dvn.com>
Subject: [EXTERNAL] Request for Extension

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

[Quoted text hidden]

Delrae Pima Oil <delrae@pimaoil.com> Tue, Mar 25, 2025 at 10:46 AM
To: "Hall, Brittany, EMNRD" <Brittany.Hall@emnrd.nm.gov>

I'll be sure to do that. Thank you, Brittany.
[Quoted text hidden]
[Quoted text hidden]

APPENDIX D

Photographic Documentation

Pima Environmental Services, LLC.

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Cotton Draw Unit #153H

Assessment :



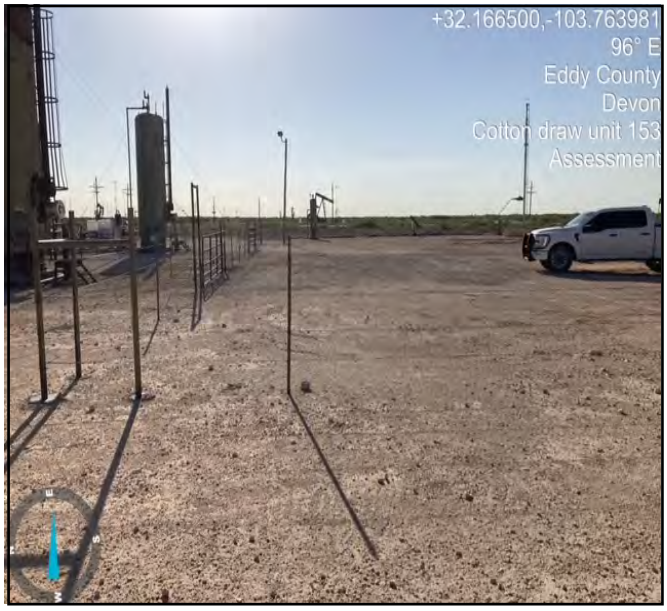
Site Information Sign.



Photograph taken during assessment facing west.



Photograph taken during assessment facing south.



Photograph taken during assessment facing east.

Pima Environmental Services, LLC.

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Cotton Draw Unit #153H

Pre- Excavation :



Photograph of site tech showing location prior to excavation facing east.



Photograph of site tech showing location prior to excavation facing west.



Photograph of site tech showing location prior to excavation facing west.



Photograph of site tech showing location prior to excavation.

Pima Environmental Services, LLC.

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Cotton Draw Unit #153H

Excavation :



Photograph taken during excavation facing northwest.



Photograph taken during excavation facing northwest.



Photograph taken during excavation.



Photograph taken during excavation.

Pima Environmental Services, LLC.

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Cotton Draw Unit #153H

Backfill Photo :



Photograph of clean backfill material facing east.

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Cotton Draw Unit #153H

Confirmation Samples :



Photograph taken while collecting confirmation samples facing northeast.



Photograph taken while collecting confirmation samples facing east.



Photograph taken while collecting confirmation samples facing south.



Photograph taken while collecting confirmation samples facing north.

Pima Environmental Services, LLC.

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Cotton Draw Unit #153H

Post Excavation :



Photo taken post excavation facing east.

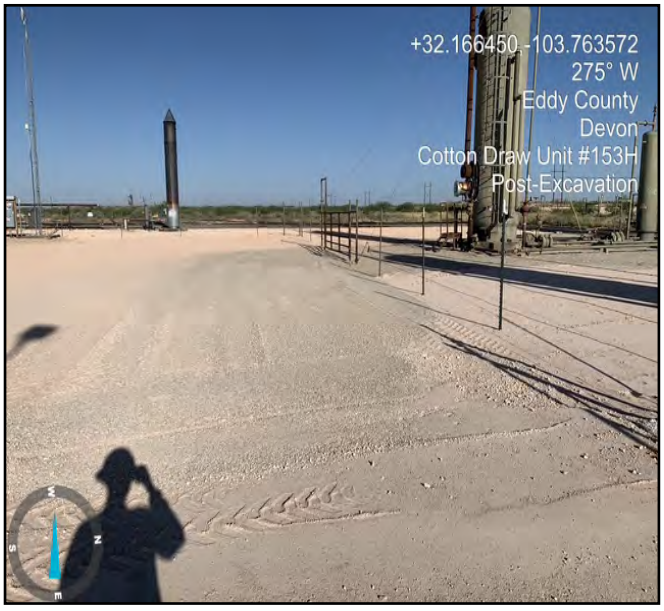


Photo taken post excavation facing west.



Photo taken post excavation facing southeast.



Photo taken post excavation facing south.

Pima Environmental Services, LLC.

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Cotton Draw Unit #117H

Site Assessment :



Site information sign



Photograph taken during site assessment



Photograph taken during site assessment



Photograph taken during site assessment

Pima Environmental Services, LLC.

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Cotton Draw Unit #117H

Pre- Excavation :



Photograph of site tech showing location prior to excavation, facing north.



Photograph of site tech showing location prior to excavation, facing south.



Photograph of site tech showing location prior to excavation, facing south.



Photograph of site tech showing location prior to excavation, facing northwest.

Pima Environmental Services, LLC.

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Cotton Draw Unit #117H

Excavation :



Photograph taken during excavation



Photograph taken during excavation facing southeast.



Photograph taken during excavation facing northeast.



Photograph taken during excavation.

Pima Environmental Services, LLC.

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Cotton Draw Unit #117H

Backfill Photo :



Photograph of clean backfill material facing east.

Pima Environmental Services, LLC.

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Cotton Draw Unit #117H

Confirmation Samples:



Photograph taken while collecting confirmation samples facing east.



Photograph taken while collecting confirmation samples facing east.



Photograph taken while collecting confirmation samples facing east.



Photograph taken while collecting confirmation samples facing east.

Pima Environmental Services, LLC.

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Cotton Draw Unit #117H

Post Excavation:



Photo taken post excavation facing west.



Photo taken post excavation

APPENDIX E

Laboratory Reports

LABORATORY REPORTS

CDU #153H

Report to:

Gio Gomez









5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Cotton Draw Unit 153H
Work Order:	E408037
Job Number:	01058-0007
Received:	8/6/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/12/24

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: 8/12/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247

Project Name: Cotton Draw Unit 153H
Workorder: E408037
Date Received: 8/6/2024 6:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/6/2024 6:00:00AM, under the Project Name: Cotton Draw Unit 153H.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 153H 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 reguarding 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

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	08/12/24 14:21

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1 - 1'	E408037-01A	Soil	08/02/24	08/06/24	Glass Jar, 2 oz.
S1 - 2'	E408037-02A	Soil	08/02/24	08/06/24	Glass Jar, 2 oz.
S1 - 3'	E408037-03A	Soil	08/02/24	08/06/24	Glass Jar, 2 oz.
S1 - 4'	E408037-04A	Soil	08/02/24	08/06/24	Glass Jar, 2 oz.
S2 - 1'	E408037-05A	Soil	08/02/24	08/06/24	Glass Jar, 2 oz.
S2 - 2'	E408037-06A	Soil	08/02/24	08/06/24	Glass Jar, 2 oz.
S2 - 3'	E408037-07A	Soil	08/02/24	08/06/24	Glass Jar, 2 oz.
S2 - 4'	E408037-08A	Soil	08/02/24	08/06/24	Glass Jar, 2 oz.
S3 - 1'	E408037-09A	Soil	08/02/24	08/06/24	Glass Jar, 2 oz.
S3 - 2'	E408037-10A	Soil	08/02/24	08/06/24	Glass Jar, 2 oz.
S3 - 3'	E408037-11A	Soil	08/02/24	08/06/24	Glass Jar, 2 oz.
S3 - 4'	E408037-12A	Soil	08/02/24	08/06/24	Glass Jar, 2 oz.
S4 - 1'	E408037-13A	Soil	08/02/24	08/06/24	Glass Jar, 2 oz.
S4 - 2'	E408037-14A	Soil	08/02/24	08/06/24	Glass Jar, 2 oz.
S4 - 3'	E408037-15A	Soil	08/02/24	08/06/24	Glass Jar, 2 oz.
S4 - 4'	E408037-16A	Soil	08/02/24	08/06/24	Glass Jar, 2 oz.
S5 - 1'	E408037-17A	Soil	08/02/24	08/06/24	Glass Jar, 2 oz.
S5 - 2'	E408037-18A	Soil	08/02/24	08/06/24	Glass Jar, 2 oz.
S5 - 3'	E408037-19A	Soil	08/02/24	08/06/24	Glass Jar, 2 oz.
S5 - 4'	E408037-20A	Soil	08/02/24	08/06/24	Glass Jar, 2 oz.
SW1	E408037-21A	Soil	08/02/24	08/06/24	Glass Jar, 2 oz.
SW2	E408037-22A	Soil	08/02/24	08/06/24	Glass Jar, 2 oz.
SW3	E408037-23A	Soil	08/02/24	08/06/24	Glass Jar, 2 oz.
SW4	E408037-24A	Soil	08/02/24	08/06/24	Glass Jar, 2 oz.
BG1	E408037-25A	Soil	08/02/24	08/06/24	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/12/2024 2:21:27PM

S1 - 1'

E408037-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2432033
Benzene	ND	0.0250	1	08/06/24	08/07/24	
Ethylbenzene	ND	0.0250	1	08/06/24	08/07/24	
Toluene	ND	0.0250	1	08/06/24	08/07/24	
o-Xylene	ND	0.0250	1	08/06/24	08/07/24	
p,m-Xylene	ND	0.0500	1	08/06/24	08/07/24	
Total Xylenes	ND	0.0250	1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.2 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: Toluene-d8		*94.0 %*	*70-130*	*08/06/24*	*08/07/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2432033
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.2 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: Toluene-d8		*94.0 %*	*70-130*	*08/06/24*	*08/07/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2432038
Diesel Range Organics (C10-C28)	ND	25.0	1	08/06/24	08/08/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/06/24	08/08/24	
Surrogate: n-Nonane		*142 %*	*50-200*	*08/06/24*	*08/08/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2432035
Chloride	**534**	20.0	1	08/06/24	08/06/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/12/2024 2:21:27PM

S1 - 2'

E408037-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2432033
Benzene	ND	0.0250	1	08/06/24	08/07/24	
Ethylbenzene	ND	0.0250	1	08/06/24	08/07/24	
Toluene	ND	0.0250	1	08/06/24	08/07/24	
o-Xylene	ND	0.0250	1	08/06/24	08/07/24	
p,m-Xylene	ND	0.0500	1	08/06/24	08/07/24	
Total Xylenes	ND	0.0250	1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: 1,2-Dichloroethane-d4		*89.2 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*08/06/24*	*08/07/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2432033
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: 1,2-Dichloroethane-d4		*89.2 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*08/06/24*	*08/07/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2432038
Diesel Range Organics (C10-C28)	ND	25.0	1	08/06/24	08/08/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/06/24	08/08/24	
Surrogate: n-Nonane		*136 %*	*50-200*	*08/06/24*	*08/08/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2432035
Chloride	**181**	20.0	1	08/06/24	08/06/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/12/2024 2:21:27PM

S1 - 3'

E408037-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2432033
Benzene	ND	0.0250	1	08/06/24	08/07/24	
Ethylbenzene	ND	0.0250	1	08/06/24	08/07/24	
Toluene	ND	0.0250	1	08/06/24	08/07/24	
o-Xylene	ND	0.0250	1	08/06/24	08/07/24	
p,m-Xylene	ND	0.0500	1	08/06/24	08/07/24	
Total Xylenes	ND	0.0250	1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.2 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: Toluene-d8		*98.3 %*	*70-130*	*08/06/24*	*08/07/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2432033
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.2 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: Toluene-d8		*98.3 %*	*70-130*	*08/06/24*	*08/07/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2432038
Diesel Range Organics (C10-C28)	ND	25.0	1	08/06/24	08/08/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/06/24	08/08/24	
Surrogate: n-Nonane		*135 %*	*50-200*	*08/06/24*	*08/08/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2432035
Chloride	**27.9**	20.0	1	08/06/24	08/06/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/12/2024 2:21:27PM

S1 - 4'

E408037-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2432033
Benzene	ND	0.0250	1	08/06/24	08/07/24	
Ethylbenzene	ND	0.0250	1	08/06/24	08/07/24	
Toluene	ND	0.0250	1	08/06/24	08/07/24	
o-Xylene	ND	0.0250	1	08/06/24	08/07/24	
p,m-Xylene	ND	0.0500	1	08/06/24	08/07/24	
Total Xylenes	ND	0.0250	1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.3 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: Toluene-d8		*97.0 %*	*70-130*	*08/06/24*	*08/07/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2432033
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.3 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: Toluene-d8		*97.0 %*	*70-130*	*08/06/24*	*08/07/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2432038
Diesel Range Organics (C10-C28)	ND	25.0	1	08/06/24	08/08/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/06/24	08/08/24	
Surrogate: n-Nonane		*140 %*	*50-200*	*08/06/24*	*08/08/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2432035
Chloride	ND	20.0	1	08/06/24	08/06/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/12/2024 2:21:27PM

S2 - 1'

E408037-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2432033
Benzene	ND	0.0250	1	08/06/24	08/07/24	
Ethylbenzene	ND	0.0250	1	08/06/24	08/07/24	
Toluene	ND	0.0250	1	08/06/24	08/07/24	
o-Xylene	ND	0.0250	1	08/06/24	08/07/24	
p,m-Xylene	ND	0.0500	1	08/06/24	08/07/24	
Total Xylenes	ND	0.0250	1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		*99.5 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.5 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: Toluene-d8		*97.8 %*	*70-130*	*08/06/24*	*08/07/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2432033
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		*99.5 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.5 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: Toluene-d8		*97.8 %*	*70-130*	*08/06/24*	*08/07/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2432038
Diesel Range Organics (C10-C28)	ND	25.0	1	08/06/24	08/08/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/06/24	08/08/24	
Surrogate: n-Nonane		*138 %*	*50-200*	*08/06/24*	*08/08/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2432035
Chloride	**499**	20.0	1	08/06/24	08/06/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/12/2024 2:21:27PM

S2 - 2'

E408037-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2432033
Benzene	ND	0.0250	1	08/06/24	08/07/24	
Ethylbenzene	ND	0.0250	1	08/06/24	08/07/24	
Toluene	ND	0.0250	1	08/06/24	08/07/24	
o-Xylene	ND	0.0250	1	08/06/24	08/07/24	
p,m-Xylene	ND	0.0500	1	08/06/24	08/07/24	
Total Xylenes	ND	0.0250	1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.8 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: Toluene-d8		*98.5 %*	*70-130*	*08/06/24*	*08/07/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2432033
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.8 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: Toluene-d8		*98.5 %*	*70-130*	*08/06/24*	*08/07/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2432038
Diesel Range Organics (C10-C28)	ND	25.0	1	08/06/24	08/08/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/06/24	08/08/24	
Surrogate: n-Nonane		*134 %*	*50-200*	*08/06/24*	*08/08/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2432035
Chloride	**312**	20.0	1	08/06/24	08/07/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/12/2024 2:21:27PM

S2 - 3'

E408037-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2432033
Benzene	ND	0.0250	1	08/06/24	08/07/24	
Ethylbenzene	ND	0.0250	1	08/06/24	08/07/24	
Toluene	ND	0.0250	1	08/06/24	08/07/24	
o-Xylene	ND	0.0250	1	08/06/24	08/07/24	
p,m-Xylene	ND	0.0500	1	08/06/24	08/07/24	
Total Xylenes	ND	0.0250	1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: 1,2-Dichloroethane-d4		*99.9 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: Toluene-d8		*92.8 %*	*70-130*	*08/06/24*	*08/07/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2432033
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: 1,2-Dichloroethane-d4		*99.9 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: Toluene-d8		*92.8 %*	*70-130*	*08/06/24*	*08/07/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2432038
Diesel Range Organics (C10-C28)	ND	25.0	1	08/06/24	08/08/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/06/24	08/08/24	
Surrogate: n-Nonane		*135 %*	*50-200*	*08/06/24*	*08/08/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2432035
Chloride	**25.4**	20.0	1	08/06/24	08/06/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/12/2024 2:21:27PM

S2 - 4'

E408037-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2432033
Benzene	ND	0.0250	1	08/06/24	08/07/24	
Ethylbenzene	ND	0.0250	1	08/06/24	08/07/24	
Toluene	ND	0.0250	1	08/06/24	08/07/24	
o-Xylene	ND	0.0250	1	08/06/24	08/07/24	
p,m-Xylene	ND	0.0500	1	08/06/24	08/07/24	
Total Xylenes	ND	0.0250	1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: 1,2-Dichloroethane-d4		*99.2 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: Toluene-d8		*98.8 %*	*70-130*	*08/06/24*	*08/07/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2432033
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: 1,2-Dichloroethane-d4		*99.2 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: Toluene-d8		*98.8 %*	*70-130*	*08/06/24*	*08/07/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2432038
Diesel Range Organics (C10-C28)	ND	25.0	1	08/06/24	08/08/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/06/24	08/08/24	
Surrogate: n-Nonane		*144 %*	*50-200*	*08/06/24*	*08/08/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2432035
Chloride	ND	20.0	1	08/06/24	08/07/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/12/2024 2:21:27PM

S3 - 1'

E408037-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2432033
Benzene	ND	0.0250	1	08/06/24	08/07/24	
Ethylbenzene	ND	0.0250	1	08/06/24	08/07/24	
Toluene	ND	0.0250	1	08/06/24	08/07/24	
o-Xylene	ND	0.0250	1	08/06/24	08/07/24	
p,m-Xylene	ND	0.0500	1	08/06/24	08/07/24	
Total Xylenes	ND	0.0250	1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.8 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: Toluene-d8		*98.2 %*	*70-130*	*08/06/24*	*08/07/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2432033
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.8 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: Toluene-d8		*98.2 %*	*70-130*	*08/06/24*	*08/07/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2432038
Diesel Range Organics (C10-C28)	ND	25.0	1	08/06/24	08/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/06/24	08/09/24	
Surrogate: n-Nonane		*134 %*	*50-200*	*08/06/24*	*08/09/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2432035
Chloride	**366**	20.0	1	08/06/24	08/07/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/12/2024 2:21:27PM

S3 - 2'

E408037-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2432033
Benzene	ND	0.0250	1	08/06/24	08/07/24	
Ethylbenzene	ND	0.0250	1	08/06/24	08/07/24	
Toluene	ND	0.0250	1	08/06/24	08/07/24	
o-Xylene	ND	0.0250	1	08/06/24	08/07/24	
p,m-Xylene	ND	0.0500	1	08/06/24	08/07/24	
Total Xylenes	ND	0.0250	1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		*96.4 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.0 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: Toluene-d8		*97.7 %*	*70-130*	*08/06/24*	*08/07/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2432033
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		*96.4 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.0 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: Toluene-d8		*97.7 %*	*70-130*	*08/06/24*	*08/07/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2432038
Diesel Range Organics (C10-C28)	ND	25.0	1	08/06/24	08/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/06/24	08/09/24	
Surrogate: n-Nonane		*137 %*	*50-200*	*08/06/24*	*08/09/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2432035
Chloride	**326**	20.0	1	08/06/24	08/07/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/12/2024 2:21:27PM

S3 - 3'

E408037-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2432033
Benzene	ND	0.0250	1	08/06/24	08/07/24	
Ethylbenzene	ND	0.0250	1	08/06/24	08/07/24	
Toluene	ND	0.0250	1	08/06/24	08/07/24	
o-Xylene	ND	0.0250	1	08/06/24	08/07/24	
p,m-Xylene	ND	0.0500	1	08/06/24	08/07/24	
Total Xylenes	ND	0.0250	1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.4 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: Toluene-d8		*96.0 %*	*70-130*	*08/06/24*	*08/07/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2432033
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.4 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: Toluene-d8		*96.0 %*	*70-130*	*08/06/24*	*08/07/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2432038
Diesel Range Organics (C10-C28)	ND	25.0	1	08/06/24	08/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/06/24	08/09/24	
Surrogate: n-Nonane		*134 %*	*50-200*	*08/06/24*	*08/09/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2432035
Chloride	ND	20.0	1	08/06/24	08/07/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/12/2024 2:21:27PM

S3 - 4'

E408037-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2432033
Benzene	ND	0.0250	1	08/06/24	08/07/24	
Ethylbenzene	ND	0.0250	1	08/06/24	08/07/24	
Toluene	ND	0.0250	1	08/06/24	08/07/24	
o-Xylene	ND	0.0250	1	08/06/24	08/07/24	
p,m-Xylene	ND	0.0500	1	08/06/24	08/07/24	
Total Xylenes	ND	0.0250	1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		*99.4 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.0 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: Toluene-d8		*99.9 %*	*70-130*	*08/06/24*	*08/07/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2432033
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		*99.4 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.0 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: Toluene-d8		*99.9 %*	*70-130*	*08/06/24*	*08/07/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2432038
Diesel Range Organics (C10-C28)	ND	25.0	1	08/06/24	08/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/06/24	08/09/24	
Surrogate: n-Nonane		*134 %*	*50-200*	*08/06/24*	*08/09/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2432035
Chloride	ND	20.0	1	08/06/24	08/07/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/12/2024 2:21:27PM

S4 - 1'

E408037-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2432033
Benzene	ND	0.0250	1	08/06/24	08/07/24	
Ethylbenzene	ND	0.0250	1	08/06/24	08/07/24	
Toluene	ND	0.0250	1	08/06/24	08/07/24	
o-Xylene	ND	0.0250	1	08/06/24	08/07/24	
p,m-Xylene	ND	0.0500	1	08/06/24	08/07/24	
Total Xylenes	ND	0.0250	1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.5 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: Toluene-d8		*98.6 %*	*70-130*	*08/06/24*	*08/07/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2432033
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.5 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: Toluene-d8		*98.6 %*	*70-130*	*08/06/24*	*08/07/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2432038
Diesel Range Organics (C10-C28)	ND	25.0	1	08/06/24	08/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/06/24	08/09/24	
Surrogate: n-Nonane		*138 %*	*50-200*	*08/06/24*	*08/09/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2432035
Chloride	**483**	20.0	1	08/06/24	08/07/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/12/2024 2:21:27PM

S4 - 2'

E408037-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2432033
Benzene	ND	0.0250	1	08/06/24	08/07/24	
Ethylbenzene	ND	0.0250	1	08/06/24	08/07/24	
Toluene	ND	0.0250	1	08/06/24	08/07/24	
o-Xylene	ND	0.0250	1	08/06/24	08/07/24	
p,m-Xylene	ND	0.0500	1	08/06/24	08/07/24	
Total Xylenes	ND	0.0250	1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.0 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: Toluene-d8		*99.1 %*	*70-130*	*08/06/24*	*08/07/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2432033
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.0 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: Toluene-d8		*99.1 %*	*70-130*	*08/06/24*	*08/07/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2432038
Diesel Range Organics (C10-C28)	ND	25.0	1	08/06/24	08/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/06/24	08/09/24	
Surrogate: n-Nonane		*132 %*	*50-200*	*08/06/24*	*08/09/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2432035
Chloride	**119**	20.0	1	08/06/24	08/07/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/12/2024 2:21:27PM

S4 - 3'

E408037-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2432033
Benzene	ND	0.0250	1	08/06/24	08/07/24	
Ethylbenzene	ND	0.0250	1	08/06/24	08/07/24	
Toluene	ND	0.0250	1	08/06/24	08/07/24	
o-Xylene	ND	0.0250	1	08/06/24	08/07/24	
p,m-Xylene	ND	0.0500	1	08/06/24	08/07/24	
Total Xylenes	ND	0.0250	1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.0 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: Toluene-d8		*95.5 %*	*70-130*	*08/06/24*	*08/07/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2432033
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/24	08/07/24	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.0 %*	*70-130*	*08/06/24*	*08/07/24*	
Surrogate: Toluene-d8		*95.5 %*	*70-130*	*08/06/24*	*08/07/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2432038
Diesel Range Organics (C10-C28)	ND	25.0	1	08/06/24	08/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/06/24	08/09/24	
Surrogate: n-Nonane		*136 %*	*50-200*	*08/06/24*	*08/09/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2432035
Chloride	**22.8**	20.0	1	08/06/24	08/07/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/12/2024 2:21:27PM

S4 - 4'

E408037-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2432033
Benzene	ND	0.0250	1	08/06/24	08/08/24	
Ethylbenzene	ND	0.0250	1	08/06/24	08/08/24	
Toluene	ND	0.0250	1	08/06/24	08/08/24	
o-Xylene	ND	0.0250	1	08/06/24	08/08/24	
p,m-Xylene	ND	0.0500	1	08/06/24	08/08/24	
Total Xylenes	ND	0.0250	1	08/06/24	08/08/24	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*08/06/24*	*08/08/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.6 %*	*70-130*	*08/06/24*	*08/08/24*	
Surrogate: Toluene-d8		*90.8 %*	*70-130*	*08/06/24*	*08/08/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2432033
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/24	08/08/24	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*08/06/24*	*08/08/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.6 %*	*70-130*	*08/06/24*	*08/08/24*	
Surrogate: Toluene-d8		*90.8 %*	*70-130*	*08/06/24*	*08/08/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2432038
Diesel Range Organics (C10-C28)	ND	25.0	1	08/06/24	08/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/06/24	08/09/24	
Surrogate: n-Nonane		*135 %*	*50-200*	*08/06/24*	*08/09/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2432035
Chloride	ND	20.0	1	08/06/24	08/07/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/12/2024 2:21:27PM

S5 - 1'

E408037-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2432033
Benzene	ND	0.0250	1	08/06/24	08/08/24	
Ethylbenzene	ND	0.0250	1	08/06/24	08/08/24	
Toluene	ND	0.0250	1	08/06/24	08/08/24	
o-Xylene	ND	0.0250	1	08/06/24	08/08/24	
p,m-Xylene	ND	0.0500	1	08/06/24	08/08/24	
Total Xylenes	ND	0.0250	1	08/06/24	08/08/24	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*08/06/24*	*08/08/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.5 %*	*70-130*	*08/06/24*	*08/08/24*	
Surrogate: Toluene-d8		*95.1 %*	*70-130*	*08/06/24*	*08/08/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2432033
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/24	08/08/24	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*08/06/24*	*08/08/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.5 %*	*70-130*	*08/06/24*	*08/08/24*	
Surrogate: Toluene-d8		*95.1 %*	*70-130*	*08/06/24*	*08/08/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2432038
Diesel Range Organics (C10-C28)	ND	25.0	1	08/06/24	08/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/06/24	08/09/24	
Surrogate: n-Nonane		*137 %*	*50-200*	*08/06/24*	*08/09/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2432035
Chloride	**457**	20.0	1	08/06/24	08/07/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/12/2024 2:21:27PM

S5 - 2'

E408037-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2432033
Benzene	ND	0.0250	1	08/06/24	08/08/24	
Ethylbenzene	ND	0.0250	1	08/06/24	08/08/24	
Toluene	ND	0.0250	1	08/06/24	08/08/24	
o-Xylene	ND	0.0250	1	08/06/24	08/08/24	
p,m-Xylene	ND	0.0500	1	08/06/24	08/08/24	
Total Xylenes	ND	0.0250	1	08/06/24	08/08/24	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*08/06/24*	*08/08/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.9 %*	*70-130*	*08/06/24*	*08/08/24*	
Surrogate: Toluene-d8		*94.5 %*	*70-130*	*08/06/24*	*08/08/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2432033
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/24	08/08/24	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*08/06/24*	*08/08/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.9 %*	*70-130*	*08/06/24*	*08/08/24*	
Surrogate: Toluene-d8		*94.5 %*	*70-130*	*08/06/24*	*08/08/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2432038
Diesel Range Organics (C10-C28)	ND	25.0	1	08/06/24	08/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/06/24	08/09/24	
Surrogate: n-Nonane		*138 %*	*50-200*	*08/06/24*	*08/09/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2432035
Chloride	**259**	20.0	1	08/06/24	08/07/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/12/2024 2:21:27PM

S5 - 3'

E408037-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2432033
Benzene	ND	0.0250	1	08/06/24	08/08/24	
Ethylbenzene	ND	0.0250	1	08/06/24	08/08/24	
Toluene	ND	0.0250	1	08/06/24	08/08/24	
o-Xylene	ND	0.0250	1	08/06/24	08/08/24	
p,m-Xylene	ND	0.0500	1	08/06/24	08/08/24	
Total Xylenes	ND	0.0250	1	08/06/24	08/08/24	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*08/06/24*	*08/08/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.5 %*	*70-130*	*08/06/24*	*08/08/24*	
Surrogate: Toluene-d8		*98.5 %*	*70-130*	*08/06/24*	*08/08/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2432033
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/24	08/08/24	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*08/06/24*	*08/08/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.5 %*	*70-130*	*08/06/24*	*08/08/24*	
Surrogate: Toluene-d8		*98.5 %*	*70-130*	*08/06/24*	*08/08/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2432038
Diesel Range Organics (C10-C28)	ND	25.0	1	08/06/24	08/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/06/24	08/09/24	
Surrogate: n-Nonane		*135 %*	*50-200*	*08/06/24*	*08/09/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2432035
Chloride	ND	20.0	1	08/06/24	08/07/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/12/2024 2:21:27PM

S5 - 4'

E408037-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2432033
Benzene	ND	0.0250	1	08/06/24	08/08/24	
Ethylbenzene	ND	0.0250	1	08/06/24	08/08/24	
Toluene	ND	0.0250	1	08/06/24	08/08/24	
o-Xylene	ND	0.0250	1	08/06/24	08/08/24	
p,m-Xylene	ND	0.0500	1	08/06/24	08/08/24	
Total Xylenes	ND	0.0250	1	08/06/24	08/08/24	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*08/06/24*	*08/08/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.3 %*	*70-130*	*08/06/24*	*08/08/24*	
Surrogate: Toluene-d8		*96.9 %*	*70-130*	*08/06/24*	*08/08/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2432033
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/24	08/08/24	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*08/06/24*	*08/08/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.3 %*	*70-130*	*08/06/24*	*08/08/24*	
Surrogate: Toluene-d8		*96.9 %*	*70-130*	*08/06/24*	*08/08/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2432038
Diesel Range Organics (C10-C28)	ND	25.0	1	08/06/24	08/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/06/24	08/09/24	
Surrogate: n-Nonane		*138 %*	*50-200*	*08/06/24*	*08/09/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2432035
Chloride	**31.4**	20.0	1	08/06/24	08/07/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/12/2024 2:21:27PM

SW1

E408037-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2432074
Benzene	ND	0.0250	1	08/07/24	08/08/24	
Ethylbenzene	ND	0.0250	1	08/07/24	08/08/24	
Toluene	ND	0.0250	1	08/07/24	08/08/24	
o-Xylene	ND	0.0250	1	08/07/24	08/08/24	
p,m-Xylene	ND	0.0500	1	08/07/24	08/08/24	
Total Xylenes	ND	0.0250	1	08/07/24	08/08/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*08/07/24*	*08/08/24*	
Surrogate: 1,2-Dichloroethane-d4		*90.6 %*	*70-130*	*08/07/24*	*08/08/24*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*08/07/24*	*08/08/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2432074
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/07/24	08/08/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*08/07/24*	*08/08/24*	
Surrogate: 1,2-Dichloroethane-d4		*90.6 %*	*70-130*	*08/07/24*	*08/08/24*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*08/07/24*	*08/08/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2432084
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/24	08/08/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/24	08/08/24	
Surrogate: n-Nonane		*105 %*	*50-200*	*08/08/24*	*08/08/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2432023
Chloride	ND	20.0	1	08/07/24	08/08/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/12/2024 2:21:27PM

SW2

E408037-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2432074
Benzene	ND	0.0250	1	08/07/24	08/08/24	
Ethylbenzene	ND	0.0250	1	08/07/24	08/08/24	
Toluene	ND	0.0250	1	08/07/24	08/08/24	
o-Xylene	ND	0.0250	1	08/07/24	08/08/24	
p,m-Xylene	ND	0.0500	1	08/07/24	08/08/24	
Total Xylenes	ND	0.0250	1	08/07/24	08/08/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*08/07/24*	*08/08/24*	
Surrogate: 1,2-Dichloroethane-d4		*87.4 %*	*70-130*	*08/07/24*	*08/08/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*08/07/24*	*08/08/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2432074
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/07/24	08/08/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*08/07/24*	*08/08/24*	
Surrogate: 1,2-Dichloroethane-d4		*87.4 %*	*70-130*	*08/07/24*	*08/08/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*08/07/24*	*08/08/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2432084
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/24	08/08/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/24	08/08/24	
Surrogate: n-Nonane		*112 %*	*50-200*	*08/08/24*	*08/08/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2432023
Chloride	ND	20.0	1	08/07/24	08/08/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/12/2024 2:21:27PM

SW3

E408037-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2432074
Benzene	ND	0.0250	1	08/07/24	08/08/24	
Ethylbenzene	ND	0.0250	1	08/07/24	08/08/24	
Toluene	ND	0.0250	1	08/07/24	08/08/24	
o-Xylene	ND	0.0250	1	08/07/24	08/08/24	
p,m-Xylene	ND	0.0500	1	08/07/24	08/08/24	
Total Xylenes	ND	0.0250	1	08/07/24	08/08/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*08/07/24*	*08/08/24*	
Surrogate: 1,2-Dichloroethane-d4		*88.2 %*	*70-130*	*08/07/24*	*08/08/24*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*08/07/24*	*08/08/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2432074
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/07/24	08/08/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*08/07/24*	*08/08/24*	
Surrogate: 1,2-Dichloroethane-d4		*88.2 %*	*70-130*	*08/07/24*	*08/08/24*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*08/07/24*	*08/08/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2432084
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/24	08/08/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/24	08/08/24	
Surrogate: n-Nonane		*111 %*	*50-200*	*08/08/24*	*08/08/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2432023
Chloride	ND	20.0	1	08/07/24	08/08/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/12/2024 2:21:27PM

SW4

E408037-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2432074
Benzene	ND	0.0250	1	08/07/24	08/08/24	
Ethylbenzene	ND	0.0250	1	08/07/24	08/08/24	
Toluene	ND	0.0250	1	08/07/24	08/08/24	
o-Xylene	ND	0.0250	1	08/07/24	08/08/24	
p,m-Xylene	ND	0.0500	1	08/07/24	08/08/24	
Total Xylenes	ND	0.0250	1	08/07/24	08/08/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*08/07/24*	*08/08/24*	
Surrogate: 1,2-Dichloroethane-d4		*90.1 %*	*70-130*	*08/07/24*	*08/08/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*08/07/24*	*08/08/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2432074
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/07/24	08/08/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*08/07/24*	*08/08/24*	
Surrogate: 1,2-Dichloroethane-d4		*90.1 %*	*70-130*	*08/07/24*	*08/08/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*08/07/24*	*08/08/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2432084
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/24	08/08/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/24	08/08/24	
Surrogate: n-Nonane		*107 %*	*50-200*	*08/08/24*	*08/08/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2432023
Chloride	ND	20.0	1	08/07/24	08/08/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/12/2024 2:21:27PM

BG1

E408037-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2432074
Benzene	ND	0.0250	1	08/07/24	08/08/24	
Ethylbenzene	ND	0.0250	1	08/07/24	08/08/24	
Toluene	ND	0.0250	1	08/07/24	08/08/24	
o-Xylene	ND	0.0250	1	08/07/24	08/08/24	
p,m-Xylene	ND	0.0500	1	08/07/24	08/08/24	
Total Xylenes	ND	0.0250	1	08/07/24	08/08/24	
Surrogate: Bromofluorobenzene		*119 %*	*70-130*	*08/07/24*	*08/08/24*	
Surrogate: 1,2-Dichloroethane-d4		*89.4 %*	*70-130*	*08/07/24*	*08/08/24*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*08/07/24*	*08/08/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2432074
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/07/24	08/08/24	
Surrogate: Bromofluorobenzene		*119 %*	*70-130*	*08/07/24*	*08/08/24*	
Surrogate: 1,2-Dichloroethane-d4		*89.4 %*	*70-130*	*08/07/24*	*08/08/24*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*08/07/24*	*08/08/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2432084
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/24	08/08/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/24	08/08/24	
Surrogate: n-Nonane		*110 %*	*50-200*	*08/08/24*	*08/08/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2432023
Chloride	ND	20.0	1	08/07/24	08/08/24	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/12/2024 2:21:27PM

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 (2432033-BLK1)									Prepared: 08/06/24 Analyzed: 08/07/24
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: Bromofluorobenzene	*0.517*		*0.500*		*103*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.473*		*0.500*		*94.5*	*70-130*			
Surrogate: Toluene-d8	*0.486*		*0.500*		*97.2*	*70-130*			
LCS (2432033-BS1)									Prepared: 08/06/24 Analyzed: 08/07/24
Benzene	2.32	0.0250	2.50		92.9	70-130			
Ethylbenzene	2.37	0.0250	2.50		94.9	70-130			
Toluene	2.21	0.0250	2.50		88.3	70-130			
o-Xylene	2.37	0.0250	2.50		94.7	70-130			
p,m-Xylene	4.75	0.0500	5.00		95.0	70-130			
Total Xylenes	7.12	0.0250	7.50		94.9	70-130			
Surrogate: Bromofluorobenzene	*0.531*		*0.500*		*106*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.477*		*0.500*		*95.3*	*70-130*			
Surrogate: Toluene-d8	*0.495*		*0.500*		*98.9*	*70-130*			
Matrix Spike (2432033-MS1)				**Source: E408037-08**					Prepared: 08/06/24 Analyzed: 08/07/24
Benzene	2.38	0.0250	2.50	ND	95.2	48-131			
Ethylbenzene	2.42	0.0250	2.50	ND	96.6	45-135			
Toluene	2.26	0.0250	2.50	ND	90.3	48-130			
o-Xylene	2.35	0.0250	2.50	ND	93.8	43-135			
p,m-Xylene	4.66	0.0500	5.00	ND	93.2	43-135			
Total Xylenes	7.01	0.0250	7.50	ND	93.4	43-135			
Surrogate: Bromofluorobenzene	*0.500*		*0.500*		*100*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.483*		*0.500*		*96.5*	*70-130*			
Surrogate: Toluene-d8	*0.490*		*0.500*		*97.9*	*70-130*			
Matrix Spike Dup (2432033-MSD1)				**Source: E408037-08**					Prepared: 08/06/24 Analyzed: 08/07/24
Benzene	2.42	0.0250	2.50	ND	97.0	48-131	1.81	23	
Ethylbenzene	2.51	0.0250	2.50	ND	101	45-135	3.98	27	
Toluene	2.49	0.0250	2.50	ND	99.5	48-130	9.70	24	
o-Xylene	2.52	0.0250	2.50	ND	101	43-135	7.01	27	
p,m-Xylene	5.04	0.0500	5.00	ND	101	43-135	7.89	27	
Total Xylenes	7.56	0.0250	7.50	ND	101	43-135	7.60	27	
Surrogate: Bromofluorobenzene	*0.512*		*0.500*		*102*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.473*		*0.500*		*94.5*	*70-130*			
Surrogate: Toluene-d8	*0.528*		*0.500*		*106*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/12/2024 2:21:27PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2432074-BLK1)									Prepared: 08/07/24 Analyzed: 08/08/24
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: Bromofluorobenzene	*0.581*		*0.500*		*116*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.439*		*0.500*		*87.7*	*70-130*			
Surrogate: Toluene-d8	*0.541*		*0.500*		*108*	*70-130*			
LCS (2432074-BS1)									Prepared: 08/07/24 Analyzed: 08/08/24
Benzene	2.22	0.0250	2.50		89.0	70-130			
Ethylbenzene	2.37	0.0250	2.50		94.7	70-130			
Toluene	2.42	0.0250	2.50		96.8	70-130			
o-Xylene	2.52	0.0250	2.50		101	70-130			
p,m-Xylene	5.04	0.0500	5.00		101	70-130			
Total Xylenes	7.56	0.0250	7.50		101	70-130			
Surrogate: Bromofluorobenzene	*0.577*		*0.500*		*115*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.440*		*0.500*		*88.0*	*70-130*			
Surrogate: Toluene-d8	*0.546*		*0.500*		*109*	*70-130*			
Matrix Spike (2432074-MS1)				**Source: E408037-23**					Prepared: 08/07/24 Analyzed: 08/08/24
Benzene	2.28	0.0250	2.50	ND	91.1	48-131			
Ethylbenzene	2.34	0.0250	2.50	ND	93.6	45-135			
Toluene	2.42	0.0250	2.50	ND	96.9	48-130			
o-Xylene	2.64	0.0250	2.50	ND	105	43-135			
p,m-Xylene	5.22	0.0500	5.00	ND	104	43-135			
Total Xylenes	7.86	0.0250	7.50	ND	105	43-135			
Surrogate: Bromofluorobenzene	*0.585*		*0.500*		*117*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.449*		*0.500*		*89.7*	*70-130*			
Surrogate: Toluene-d8	*0.536*		*0.500*		*107*	*70-130*			
Matrix Spike Dup (2432074-MSD1)				**Source: E408037-23**					Prepared: 08/07/24 Analyzed: 08/08/24
Benzene	2.36	0.0250	2.50	ND	94.5	48-131	3.66	23	
Ethylbenzene	2.46	0.0250	2.50	ND	98.4	45-135	5.00	27	
Toluene	2.53	0.0250	2.50	ND	101	48-130	4.44	24	
o-Xylene	2.76	0.0250	2.50	ND	110	43-135	4.49	27	
p,m-Xylene	5.44	0.0500	5.00	ND	109	43-135	4.05	27	
Total Xylenes	8.19	0.0250	7.50	ND	109	43-135	4.20	27	
Surrogate: Bromofluorobenzene	*0.589*		*0.500*		*118*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.455*		*0.500*		*91.0*	*70-130*			
Surrogate: Toluene-d8	*0.538*		*0.500*		*108*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/12/2024 2:21:27PM

Nonhalogenated Organics by EPA 8015D - GRO

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 (2432033-BLK1)									Prepared: 08/06/24 Analyzed: 08/07/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.517*		*0.500*		*103*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.473*		*0.500*		*94.5*	*70-130*			
Surrogate: Toluene-d8	*0.486*		*0.500*		*97.2*	*70-130*			
LCS (2432033-BS2)									Prepared: 08/06/24 Analyzed: 08/07/24
Gasoline Range Organics (C6-C10)	41.6	20.0	50.0		83.1	70-130			
Surrogate: Bromofluorobenzene	*0.534*		*0.500*		*107*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.476*		*0.500*		*95.1*	*70-130*			
Surrogate: Toluene-d8	*0.495*		*0.500*		*99.0*	*70-130*			
Matrix Spike (2432033-MS2)				**Source: E408037-08**					Prepared: 08/06/24 Analyzed: 08/07/24
Gasoline Range Organics (C6-C10)	45.1	20.0	50.0	ND	90.2	70-130			
Surrogate: Bromofluorobenzene	*0.541*		*0.500*		*108*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.481*		*0.500*		*96.2*	*70-130*			
Surrogate: Toluene-d8	*0.479*		*0.500*		*95.7*	*70-130*			
Matrix Spike Dup (2432033-MSD2)				**Source: E408037-08**					Prepared: 08/06/24 Analyzed: 08/07/24
Gasoline Range Organics (C6-C10)	42.3	20.0	50.0	ND	84.6	70-130	6.46	20	
Surrogate: Bromofluorobenzene	*0.506*		*0.500*		*101*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.477*		*0.500*		*95.4*	*70-130*			
Surrogate: Toluene-d8	*0.492*		*0.500*		*98.3*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/12/2024 2:21:27PM

Nonhalogenated Organics by EPA 8015D - GRO

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 (2432074-BLK1)									Prepared: 08/07/24 Analyzed: 08/08/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.581*		*0.500*		*116*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.439*		*0.500*		*87.7*	*70-130*			
Surrogate: Toluene-d8	*0.541*		*0.500*		*108*	*70-130*			
LCS (2432074-BS2)									Prepared: 08/07/24 Analyzed: 08/08/24
Gasoline Range Organics (C6-C10)	52.6	20.0	50.0		105	70-130			
Surrogate: Bromofluorobenzene	*0.599*		*0.500*		*120*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.439*		*0.500*		*87.8*	*70-130*			
Surrogate: Toluene-d8	*0.551*		*0.500*		*110*	*70-130*			
Matrix Spike (2432074-MS2)				**Source: E408037-23**					Prepared: 08/07/24 Analyzed: 08/08/24
Gasoline Range Organics (C6-C10)	52.3	20.0	50.0	ND	105	70-130			
Surrogate: Bromofluorobenzene	*0.587*		*0.500*		*117*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.447*		*0.500*		*89.3*	*70-130*			
Surrogate: Toluene-d8	*0.557*		*0.500*		*111*	*70-130*			
Matrix Spike Dup (2432074-MSD2)				**Source: E408037-23**					Prepared: 08/07/24 Analyzed: 08/08/24
Gasoline Range Organics (C6-C10)	53.6	20.0	50.0	ND	107	70-130	2.35	20	
Surrogate: Bromofluorobenzene	*0.591*		*0.500*		*118*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.456*		*0.500*		*91.2*	*70-130*			
Surrogate: Toluene-d8	*0.549*		*0.500*		*110*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/12/2024 2:21:27PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2432038-BLK1)									Prepared: 08/06/24 Analyzed: 08/08/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*68.3*		*50.0*		*137*	*50-200*			
LCS (2432038-BS1)									Prepared: 08/06/24 Analyzed: 08/08/24
Diesel Range Organics (C10-C28)	275	25.0	250		110	38-132			
Surrogate: n-Nonane	*65.0*		*50.0*		*130*	*50-200*			
Matrix Spike (2432038-MS1)				**Source: E408037-03**					Prepared: 08/06/24 Analyzed: 08/09/24
Diesel Range Organics (C10-C28)	293	25.0	250	ND	117	38-132			
Surrogate: n-Nonane	*58.1*		*50.0*		*116*	*50-200*			
Matrix Spike Dup (2432038-MSD1)				**Source: E408037-03**					Prepared: 08/06/24 Analyzed: 08/09/24
Diesel Range Organics (C10-C28)	287	25.0	250	ND	115	38-132	2.26	20	
Surrogate: n-Nonane	*58.4*		*50.0*		*117*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/12/2024 2:21:27PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2432084-BLK1)									Prepared: 08/08/24 Analyzed: 08/08/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*55.3*		*50.0*		*111*	*50-200*			
LCS (2432084-BS1)									Prepared: 08/08/24 Analyzed: 08/08/24
Diesel Range Organics (C10-C28)	261	25.0	250		104	38-132			
Surrogate: n-Nonane	*51.3*		*50.0*		*103*	*50-200*			
Matrix Spike (2432084-MS1)				**Source: E408063-02**					Prepared: 08/08/24 Analyzed: 08/08/24
Diesel Range Organics (C10-C28)	283	25.0	250	ND	113	38-132			
Surrogate: n-Nonane	*57.6*		*50.0*		*115*	*50-200*			
Matrix Spike Dup (2432084-MSD1)				**Source: E408063-02**					Prepared: 08/08/24 Analyzed: 08/08/24
Diesel Range Organics (C10-C28)	286	25.0	250	ND	115	38-132	1.13	20	
Surrogate: n-Nonane	*58.1*		*50.0*		*116*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/12/2024 2:21:27PM

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 (2432023-BLK1)									Prepared: 08/06/24 Analyzed: 08/06/24
Chloride	ND	20.0							
LCS (2432023-BS1)									Prepared: 08/06/24 Analyzed: 08/06/24
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2432023-MS1)				**Source: E408031-05**					Prepared: 08/06/24 Analyzed: 08/06/24
Chloride	357	20.0	250	98.8	103	80-120			
Matrix Spike Dup (2432023-MSD1)				**Source: E408031-05**					Prepared: 08/06/24 Analyzed: 08/06/24
Chloride	354	20.0	250	98.8	102	80-120	0.887	20	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/12/2024 2:21:27PM

Anions by EPA 300.0/9056A

Analyst: JM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2432035-BLK1)									Prepared: 08/06/24 Analyzed: 08/06/24
Chloride	ND	20.0							
LCS (2432035-BS1)									Prepared: 08/06/24 Analyzed: 08/06/24
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2432035-MS1)				**Source: E408037-07**					Prepared: 08/06/24 Analyzed: 08/06/24
Chloride	317	20.0	250	25.4	117	80-120			
Matrix Spike Dup (2432035-MSD1)				**Source: E408037-07**					Prepared: 08/06/24 Analyzed: 08/06/24
Chloride	277	20.0	250	25.4	101	80-120	13.4	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:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	08/12/24 14:21

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.

Released to Imaging: 7/1/2025 11:29:28 AM
Received by OCD: 6/24/2025 9:45:27 AM

Project Information | Chain of Custody | Page 1 of 3

| | | |

Released to Imaging: 7/1/2025 11:29:28 AM
Received by OCD: 6/24/2025 9:45:27 AM

Project Information | Chain of Custody | Page 2 of 3

Client: Pima Environmental Services	Bill To	Lab Use Only
Project: Cotton Draw Unit #153H	Attention: Devon	Lab WO# E408037
Project Manager: Gio Gomez	Address:	Job Number 01058-0007
Address: 5614 N. Lovington Hwy.	City, State, Zip	
City, State, Zip Hobbs, NM, 88240	Phone:	
Phone: 806-782-1151	Email:	
Email: gio@pimaoil.com	Pima Project # 1-302-8	
Report due by:		

TAT				EPA Program	
1D	2D	3D	Standard	CWA	SDWA
			X		

RCRA

State: NM X | CO | UT | AZ | TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
9:46	8/2	S		S3-3'	11							X		
9:53	"	"		S3-4'	12							"		
10:11	"	"		S4-1'	13							"		
10:17	"	"		S4-2'	14							"		
10:23	"	"		S4-3'	15							"		
10:30	"	"		S4-4'	16							"		
10:36	"	"		S5-1'	17							"		
10:42	"	"		S5-2'	18							"		
10:56	"	"		S5-3'	19							"		
11:21	"	"		S5-4'	20							"		

Additional Instructions: Billing # 21165284

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karine Adame	8/5/24	12:56	Michelle Gonzales	8.5.24	1256
Michelle Gonzales	8.5.24	1540	Andrew Hobbs	8.5.24	1830
Andrew Hobbs	8.5.24	2400	Kayla R Hall	8.6.24	0630

Lab Use Only
Received on ice: Y / N
T1 T2 T3
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.

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Released to Imaging: 7/1/2025 11:29:28 AM
Received by OCD: 6/24/2025 9:45:27 AM

Project Information | Chain of Custody | Page 3 of 3

Client: Pima Environmental Services	Bill To	Lab Use Only
Project: Cotton Draw Unit #153H	Attention: Devon	Lab WO# E408037
Project Manager: Gio Gomez	Address:	Job Number 01058-0007
Address: 5614 N. Lovington Hwy.	City, State, Zip	
City, State, Zip Hobbs, NM, 88240	Phone:	
Phone: 806-782-1151	Email:	
Email: gio@pimaoil.com	Pima Project # 1-302-8	
Report due by:		

TAT				EPA Program	
1D	2D	3D	Standard	CWA	SDWA
			X		
					RCRA

State: NM X | CO | UT | AZ | TX

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
11:30	8/2	S		SW1	21	X	
11:33	"	"		SW2	22	"	
11:45	"	"		SW3	23	"	
11:53	"	"		SW4	24	"	
11:56	"	"		BG1	25	"	

Additional Instructions: Billing # 21165284

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karine Adame	8/5/24	12:56	Michelle Gonzales	8.5.24	1256
Michelle Gonzales	8.5.24	1540	Andrew Hobbs	8.5.24	1830
Andrew Hobbs	8.5.24	2400	Kayla A Hello	8.6.24	0630

Lab Use Only
Received on ice: Y / N
T1 T2 T3
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.

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Envirotech Analytical Laboratory

Printed: 8/6/2024 9:35:12AM

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:	08/06/24 06:00	Work Order ID:	E408037
Phone:	(575) 631-6977	Date Logged In:	08/05/24 17:11	Logged In By:	Noe Soto
Email:	gio@pimaoil.com	Due Date:	08/12/24 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	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

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 Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
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?	Yes	
22. Are sample(s) correctly preserved?	No	
24. Is lab filteration 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

Comments/Resolution

No. of containers and sampled by name are missing on COC by client.

Client Instruction

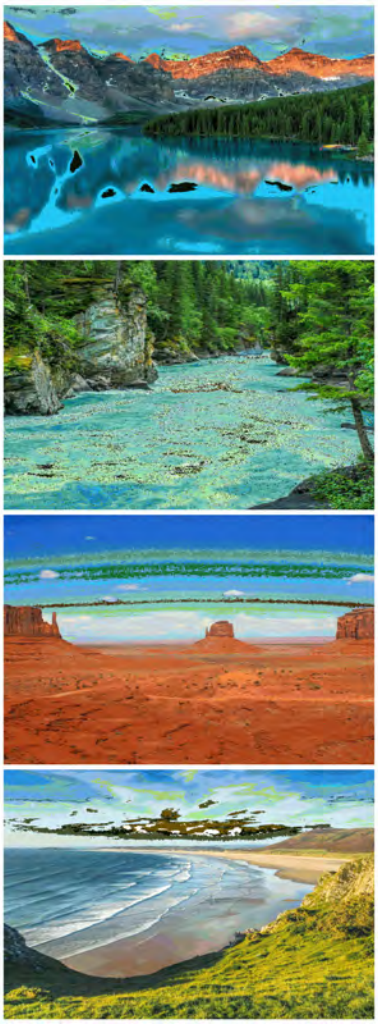
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Gio Gomez



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Cotton Draw Unit 153H
Work Order:	E412092
Job Number:	01058-0007
Received:	12/13/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
12/13/24

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: 12/13/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247

Project Name: Cotton Draw Unit 153H
Workorder: E412092
Date Received: 12/13/2024 8:00:04AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/13/2024 8:00:04AM, under the Project Name: Cotton Draw Unit 153H.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 153H 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 reguarding 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

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/24 15:17

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1 - Surface	E412092-01A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
S1-1'	E412092-02A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
S1-2'	E412092-03A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
S1-3'	E412092-04A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
S1-4'	E412092-05A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
S2- Surface	E412092-06A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
S2-1'	E412092-07A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
S2-2'	E412092-08A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
S2-3'	E412092-09A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
S2-4'	E412092-10A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
S3- Surface	E412092-11A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
S3-1'	E412092-12A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
S3-2'	E412092-13A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
S3-3'	E412092-14A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
S3-4'	E412092-15A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
S4- Surface	E412092-16A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
S4-1'	E412092-17A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
S4-2'	E412092-18A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
S4-3'	E412092-19A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
S4-4'	E412092-20A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 3:17:57PM

S1 - Surface

E412092-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2450107
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*93.3 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2450107
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.1 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450099
Diesel Range Organics (C10-C28)	**50.1**	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	**59.1**	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*114 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450115
Chloride	**94.4**	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 3:17:57PM

S1-1'

E412092-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2450107
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2450107
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.8 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450099
Diesel Range Organics (C10-C28)	**3660**	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	**1510**	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*111 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450115
Chloride	**466**	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 3:17:57PM

S1-2'

E412092-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2450107
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2450107
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.8 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450099
Diesel Range Organics (C10-C28)	**98.5**	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	**79.2**	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*109 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450115
Chloride	**383**	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 3:17:57PM

S1-3'

E412092-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2450107
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*98.7 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2450107
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.4 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450099
Diesel Range Organics (C10-C28)	**84.9**	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	**90.2**	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*113 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450115
Chloride	**910**	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 3:17:57PM

S1-4'

E412092-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2450107
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*98.4 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2450107
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.1 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450099
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*100 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450115
Chloride	**159**	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 3:17:57PM

S2- Surface

E412092-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2450107
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*97.0 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2450107
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.0 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450099
Diesel Range Organics (C10-C28)	**76.7**	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	**80.3**	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*105 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450115
Chloride	**59.6**	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 3:17:57PM

S2-1'

E412092-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2450107
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2450107
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.7 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450099
Diesel Range Organics (C10-C28)	**3350**	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	**1540**	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*106 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450115
Chloride	**464**	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 3:17:57PM

S2-2'

E412092-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2450107
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2450107
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.4 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450099
Diesel Range Organics (C10-C28)	**43.1**	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*110 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450115
Chloride	**154**	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 3:17:57PM

S2-3'

E412092-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2450107
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*99.3 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2450107
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.3 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450099
Diesel Range Organics (C10-C28)	**177**	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	**132**	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*105 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450115
Chloride	**971**	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 3:17:57PM

S2-4'

E412092-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2450107
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*98.6 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2450107
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.4 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450099
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*108 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450115
Chloride	**184**	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 3:17:57PM

S3- Surface

E412092-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2450107
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*97.7 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2450107
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.5 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450099
Diesel Range Organics (C10-C28)	**58.0**	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	**73.2**	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*111 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450115
Chloride	**59.9**	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 3:17:57PM

S3-1'

E412092-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2450107
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2450107
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.0 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450099
Diesel Range Organics (C10-C28)	**2680**	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	**1360**	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*111 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450115
Chloride	**411**	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 3:17:57PM

S3-2'

E412092-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2450107
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2450107
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.7 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450099
Diesel Range Organics (C10-C28)	**47.3**	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*117 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450115
Chloride	**176**	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 3:17:57PM

S3-3'

E412092-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2450107
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2450107
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.5 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450099
Diesel Range Organics (C10-C28)	**81.0**	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	**55.2**	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*117 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450115
Chloride	**174**	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 3:17:57PM

S3-4'

E412092-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2450107
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2450107
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.8 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450099
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*114 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450115
Chloride	**166**	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 3:17:57PM

S4- Surface

E412092-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2450107
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*98.6 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2450107
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.7 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450099
Diesel Range Organics (C10-C28)	**105**	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	**97.9**	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*117 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450115
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 3:17:57PM

S4-1'

E412092-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2450107
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2450107
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.3 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450099
Diesel Range Organics (C10-C28)	**2570**	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	**1180**	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*109 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450115
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 3:17:57PM

S4-2'

E412092-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2450107
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2450107
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.9 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450099
Diesel Range Organics (C10-C28)	**71.1**	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	**89.6**	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*108 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450115
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 3:17:57PM

S4-3'

E412092-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2450107
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2450107
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.9 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450099
Diesel Range Organics (C10-C28)	**64.4**	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	**60.9**	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*109 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450115
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 3:17:57PM

S4-4'

E412092-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2450107
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*99.8 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2450107
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.2 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450099
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*111 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450115
Chloride	ND	20.0	1	12/13/24	12/13/24	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 3:17:57PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2450107-BLK1)									Prepared: 12/12/24 Analyzed: 12/12/24
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	*7.67*		*8.00*		*95.9*	*70-130*			
LCS (2450107-BS1)									Prepared: 12/12/24 Analyzed: 12/13/24
Benzene	5.93	0.0250	5.00		119	70-130			
Ethylbenzene	5.66	0.0250	5.00		113	70-130			
Toluene	5.81	0.0250	5.00		116	70-130			
o-Xylene	5.67	0.0250	5.00		113	70-130			
p,m-Xylene	11.5	0.0500	10.0		115	70-130			
Total Xylenes	17.2	0.0250	15.0		114	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.80*		*8.00*		*97.5*	*70-130*			
LCS Dup (2450107-BSD1)									Prepared: 12/12/24 Analyzed: 12/13/24
Benzene	5.28	0.0250	5.00		106	70-130	11.7	20	
Ethylbenzene	5.06	0.0250	5.00		101	70-130	11.3	20	
Toluene	5.17	0.0250	5.00		103	70-130	11.6	20	
o-Xylene	5.05	0.0250	5.00		101	70-130	11.6	20	
p,m-Xylene	10.3	0.0500	10.0		103	70-130	11.0	20	
Total Xylenes	15.4	0.0250	15.0		102	70-130	11.2	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.72*		*8.00*		*96.5*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 3:17:57PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2450107-BLK1)									Prepared: 12/12/24 Analyzed: 12/12/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.15*		*8.00*		*89.4*	*70-130*			
LCS (2450107-BS2)									Prepared: 12/12/24 Analyzed: 12/13/24
Gasoline Range Organics (C6-C10)	46.1	20.0	50.0		92.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.38*		*8.00*		*92.2*	*70-130*			
LCS Dup (2450107-BSD2)									Prepared: 12/12/24 Analyzed: 12/13/24
Gasoline Range Organics (C6-C10)	47.1	20.0	50.0		94.2	70-130	2.21	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.37*		*8.00*		*92.1*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 3:17:57PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2450099-BLK1)									Prepared: 12/12/24 Analyzed: 12/12/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*59.6*		*50.0*		*119*	*50-200*			
LCS (2450099-BS1)									Prepared: 12/12/24 Analyzed: 12/13/24
Diesel Range Organics (C10-C28)	288	25.0	250		115	38-132			
Surrogate: n-Nonane	*58.4*		*50.0*		*117*	*50-200*			
LCS Dup (2450099-BSD1)									Prepared: 12/12/24 Analyzed: 12/13/24
Diesel Range Organics (C10-C28)	289	25.0	250		116	38-132	0.403	20	
Surrogate: n-Nonane	*59.3*		*50.0*		*119*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 3:17:57PM

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 (2450115-BLK1)									Prepared: 12/12/24 Analyzed: 12/13/24
Chloride	ND	20.0							
LCS (2450115-BS1)									Prepared: 12/12/24 Analyzed: 12/13/24
Chloride	257	20.0	250		103	90-110			
LCS Dup (2450115-BSD1)									Prepared: 12/12/24 Analyzed: 12/13/24
Chloride	257	20.0	250		103	90-110	0.00818	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:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/24 15:17

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.

Released to Imaging: 7/1/2025 11:29:28 AM
Received by OCD: 6/24/2025 9:45:27 AM

Project Information | **Chain of Custody** | Page 1 of 15

Client: Pima Environmental Services	Bill To	Lab Use Only	TAT / EPA Program
Project: Cotton Draw Unit #153H	Attention: Devon	Lab WO# E412092	Job Number 03E1.0007
Project Manager: Gio Gomez	Address:	1D: X	2D:	3D:	Standard: X
Address: 5614 N. Lovington Hwy.	City, State, Zip	CWA:	SDWA:	RCRA:
City, State, Zip Hobbs, NM. 88240	Phone:	State: NM: X	CO:	UT:	AZ:	TX:
Phone: 806-782-1151	Email:	
Email: gio@pimaoil.com	Pima Project # 1-302-3	
Report due by:		

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
9:06	12/11	S		S1 - Surface	1	X	
9:11	"	"		S1-1'	2	"	
9:17	"	"		S1-2'	3	"	
9:20	"	"		S1-3'	4	"	
9:24	"	"		S1-4'	5	"	
9:30	"	"		S2-Surface	6	"	
9:36	"	"		S2-1'	7	"	
9:41	"	"		S2-2'	8	"	
9:48	"	"		S2-3'	9	"	
9:50	"	"		S2-4'	10	"	

Additional Instructions: Billing # 21165284

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karime Adame			Michelle Gonzales	12-12-24	1400
Michelle Gonzales	12-12-24	1615	[signature]	12-12-24	1615
[signature]	12-12-24	2245	Caitlin Mason	12.13.24	800

Lab Use Only — Received on ice: (Y) N — T1: T2: T3: — 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.

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Released to Imaging: 7/1/2025 11:29:28 AM
Received by OCD: 6/24/2025 9:45:27 AM

Project Information | Chain of Custody | Page 2 of 15

Client: Pima Environmental Services	Bill To	Lab Use Only
Project: Cotton Draw Unit #933H	Attention: Devon	Lab WO# E412092
Project Manager: Gio Gomez	Address:	Job Number 01058'0007
Address: 5614 N. Lovington Hwy.	City, State, Zip	
City, State, Zip Hobbs, NM. 88240	Phone:	
Phone: 806-782-1151	Email:	
Email: gio@pimaoil.com	Pima Project # 1-302-3	
Report due by:		

TAT				EPA Program	
1D	2D	3D	Standard	CWA	SDWA
X					
					RCRA

State: NM X | CO | UT | AZ | TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
9:53	12/11	S		S3-Surface	11							X		
9:57				S3-1'	12									
9:59				S3-2'	13									
10:11				S3-3'	14									
10:17				S3-4'	15									
10:20				S4-Surface	16									
10:28				S4-1'	17									
10:30				S4-2'	18									
10:36				S4-3'	19									
10:39				S4-4'	20									

Additional Instructions: Billing # 21165284

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karime Adame			Michelle Gonzales	12.12.24	1400
Michelle Gonzales	12-12-24	1615		12.12.24	1613
	12.12.24	2245	Caitlin Mar	12.13.24	800

Lab Use Only — Received on ice: (Y) / N

T1: T2: T3:

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.

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Envirotech Analytical Laboratory

Printed: 12/13/2024 10:04:15AM

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:	12/13/24 08:00	Work Order ID:	E412092
Phone:	(575) 631-6977	Date Logged In:	12/12/24 14:33	Logged In By:	Caitlin Mars
Email:	gio@pimaoil.com	Due Date:	12/13/24 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	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

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

Comments/Resolution

No of containers and sampled by not provided on COC. Project Cotton Draw Unit #153H has been separated into 7 reports. WO are E412092 to E412098.

Client Instruction

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

Date

envirotech Inc.

Report to:

Gio Gomez









5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Cotton Draw Unit 153H
Work Order:	E412093
Job Number:	01058-0007
Received:	12/13/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
12/13/24

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: 12/13/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247

Project Name: Cotton Draw Unit 153H
Workorder: E412093
Date Received: 12/13/2024 8:00:04AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/13/2024 8:00:04AM, under the Project Name: Cotton Draw Unit 153H.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 153H 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 reguarding 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

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/24 16:01

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S5- Surface	E412093-01A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
S5-1'	E412093-02A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
S5-2'	E412093-03A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
S5-3'	E412093-04A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
S5-4'	E412093-05A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
S6-Surface	E412093-06A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
S6-1'	E412093-07A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
S6-2'	E412093-08A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
S6-3'	E412093-09A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
S6-4'	E412093-10A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
S7-Surface	E412093-11A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
S7-1'	E412093-12A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
S7-2'	E412093-13A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
S7-3'	E412093-14A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
S7-4'	E412093-15A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
SW1- Surface	E412093-16A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
SW1-1'	E412093-17A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
SW1-2'	E412093-18A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
SW1-3'	E412093-19A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
SW1-4'	E412093-20A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 4:01:48PM

S5- Surface

E412093-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2450108
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*86.0 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2450108
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.1 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450098
Diesel Range Organics (C10-C28)	**50.0**	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	**64.7**	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*84.8 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450116
Chloride	**45.4**	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 4:01:48PM

S5-1'

E412093-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2450108
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*87.1 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2450108
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.7 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450098
Diesel Range Organics (C10-C28)	**2580**	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	**1190**	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*110 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450116
Chloride	**410**	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 4:01:48PM

S5-2'

E412093-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2450108
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*99.0 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2450108
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.5 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450098
Diesel Range Organics (C10-C28)	**63.1**	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	**68.1**	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*110 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450116
Chloride	**358**	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 4:01:48PM

S5-3'

E412093-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2450108
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*86.7 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2450108
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.1 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450098
Diesel Range Organics (C10-C28)	**88.0**	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	**84.7**	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*111 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450116
Chloride	**1000**	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 4:01:48PM

S5-4'

E412093-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2450108
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*87.0 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2450108
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.6 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450098
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*102 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450116
Chloride	**156**	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 4:01:48PM

S6-Surface

E412093-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2450108
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*86.8 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2450108
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.8 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450098
Diesel Range Organics (C10-C28)	**49.5**	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	**54.7**	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*99.8 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450116
Chloride	**60.7**	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 4:01:48PM

S6-1'

E412093-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2450108
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	**0.0281**	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*84.6 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2450108
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.0 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450098
Diesel Range Organics (C10-C28)	**3360**	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	**1470**	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*114 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450116
Chloride	**458**	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 4:01:48PM

S6-2'

E412093-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2450108
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*84.9 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2450108
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.7 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450098
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*98.9 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450116
Chloride	**333**	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 4:01:48PM

S6-3'

E412093-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2450108
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	**0.0252**	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	**0.0252**	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*86.0 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2450108
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.1 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450098
Diesel Range Organics (C10-C28)	**79.2**	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	**108**	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*112 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450116
Chloride	**982**	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 4:01:48PM

S6-4'

E412093-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2450108
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*87.1 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2450108
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.6 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450098
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*107 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450116
Chloride	**170**	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 4:01:48PM

S7-Surface

E412093-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2450108
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*87.0 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2450108
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.4 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450098
Diesel Range Organics (C10-C28)	**124**	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	**156**	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*109 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450116
Chloride	**64.0**	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 4:01:48PM

S7-1'

E412093-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2450108
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*89.0 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2450108
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.1 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450098
Diesel Range Organics (C10-C28)	**2820**	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	**1450**	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*114 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450116
Chloride	**406**	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 4:01:48PM

S7-2'

E412093-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2450108
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*87.5 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2450108
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.0 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450098
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*114 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450116
Chloride	**356**	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 4:01:48PM

S7-3'

E412093-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2450108
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*89.4 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2450108
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.0 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450098
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*113 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450116
Chloride	**938**	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 4:01:48PM

S7-4'

E412093-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2450108
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*87.8 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2450108
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.5 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450098
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*123 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450116
Chloride	**161**	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 4:01:48PM

SW1- Surface

E412093-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2450108
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*88.2 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2450108
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.0 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450098
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*110 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450116
Chloride	**73.8**	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 4:01:48PM

SW1-1'

E412093-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2450108
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*88.1 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2450108
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.3 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450098
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*108 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450116
Chloride	**432**	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 4:01:48PM

SW1-2'

E412093-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2450108
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*87.1 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2450108
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.0 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450098
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*111 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450116
Chloride	**387**	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 4:01:48PM

SW1-3'

E412093-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2450108
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*87.8 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2450108
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.5 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450098
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*109 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450116
Chloride	**939**	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 4:01:48PM

SW1-4'

E412093-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2450108
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*95.8 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2450108
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.8 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450098
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*106 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450116
Chloride	**168**	20.0	1	12/13/24	12/13/24	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 4:01:48PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2450108-BLK1)									Prepared: 12/12/24 Analyzed: 12/13/24
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	*7.00*		*8.00*		*87.4*	*70-130*			
LCS (2450108-BS1)									Prepared: 12/12/24 Analyzed: 12/13/24
Benzene	4.89	0.0250	5.00		97.9	70-130			
Ethylbenzene	4.68	0.0250	5.00		93.7	70-130			
Toluene	4.80	0.0250	5.00		96.1	70-130			
o-Xylene	4.66	0.0250	5.00		93.2	70-130			
p,m-Xylene	9.52	0.0500	10.0		95.2	70-130			
Total Xylenes	14.2	0.0250	15.0		94.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*6.98*		*8.00*		*87.2*	*70-130*			
LCS Dup (2450108-BSD1)									Prepared: 12/12/24 Analyzed: 12/13/24
Benzene	4.97	0.0250	5.00		99.5	70-130	1.63	20	
Ethylbenzene	4.76	0.0250	5.00		95.2	70-130	1.61	20	
Toluene	4.88	0.0250	5.00		97.6	70-130	1.58	20	
o-Xylene	4.73	0.0250	5.00		94.6	70-130	1.42	20	
p,m-Xylene	9.65	0.0500	10.0		96.5	70-130	1.32	20	
Total Xylenes	14.4	0.0250	15.0		95.8	70-130	1.35	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.06*		*8.00*		*88.2*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 4:01:48PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2450108-BLK1)									Prepared: 12/12/24 Analyzed: 12/13/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.77*		*8.00*		*97.1*	*70-130*			
LCS (2450108-BS2)									Prepared: 12/12/24 Analyzed: 12/13/24
Gasoline Range Organics (C6-C10)	42.5	20.0	50.0		85.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.84*		*8.00*		*98.0*	*70-130*			
LCS Dup (2450108-BSD2)									Prepared: 12/12/24 Analyzed: 12/13/24
Gasoline Range Organics (C6-C10)	42.6	20.0	50.0		85.2	70-130	0.121	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.81*		*8.00*		*97.6*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 4:01:48PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2450098-BLK1)									Prepared: 12/12/24 Analyzed: 12/12/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*60.0*		*50.0*		*120*	*50-200*			
LCS (2450098-BS1)									Prepared: 12/12/24 Analyzed: 12/12/24
Diesel Range Organics (C10-C28)	270	25.0	250		108	38-132			
Surrogate: n-Nonane	*58.1*		*50.0*		*116*	*50-200*			
LCS Dup (2450098-BSD1)									Prepared: 12/12/24 Analyzed: 12/12/24
Diesel Range Organics (C10-C28)	276	25.0	250		110	38-132	2.24	20	
Surrogate: n-Nonane	*58.3*		*50.0*		*117*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 4:01:48PM

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 (2450116-BLK1)									Prepared: 12/12/24 Analyzed: 12/12/24
Chloride	ND	20.0							
LCS (2450116-BS1)									Prepared: 12/12/24 Analyzed: 12/12/24
Chloride	251	20.0	250		100	90-110			
LCS Dup (2450116-BSD1)									Prepared: 12/12/24 Analyzed: 12/12/24
Chloride	251	20.0	250		100	90-110	0.120	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:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/24 16:01

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.

Released to Imaging: 7/1/2025 11:29:28 AM
Received by OCD: 6/24/2025 9:45:27 AM

Project Information | Chain of Custody | Page 3 of 15

Client: Pima Environmental Services	Bill To	Lab Use Only	TAT / EPA Program
Project: Cotton Draw Unit #153H	Attention: Devon	Lab WO# E42093	Lab Number 1D05800[illegible]
Project Manager: Gio Gomez	Address:	1D: X	2D:	3D:	Standard:	CWA:	SDWA:
Address: 5614 N. Lovington Hwy.	City, State, Zip						RCRA:
City, State, Zip Hobbs, NM. 88240	Phone:						State: NM: X	CO:	UT:	AZ:	TX:
Phone: 806-782-1151	Email:						
Email: gio@pimaoil.com	Pima Project # 1-302-3						
Report due by:							

Analysis and Method

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
10:42	12/11	S		S5-Surface	1							X		
10:46				S5-1'	2									
10:51				S5-2'	3									
10:54				S5-3'	4									
10:59				S5-4'	5									
11:02				S6-Surface	6									
11:07				S6-1'	7									
11:11				S6-2'	8									
11:16				S6-3'	9									
11:19				S6-4'	10									

Additional Instructions: BillingN# 21165284

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karine Adam			Michelle Gonzales	12.12.24	1400
Michelle Gonzales	12-12-24	1615	[signature]	12.12.24	1615
[signature]	12.12.24	2245	Caitlin Mars	12.13.24	800

Lab Use Only — Received on ice: (Y) N — T1: T2: T3: — 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.

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Released to Imaging: 7/1/2025 11:29:28 AM
Received by OCD: 6/24/2025 9:45:27 AM

Project Information

Chain of Custody

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Client: Pima Environmental Services	Bill To
Project: Cotton Draw Unit #193H	Attention: Devon
Project Manager: Gio Gomez	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM. 88240	Phone:
Phone: 806-782-1151	Email:
Email: gio@pimaoil.com	Pima Project # 1-302-3
Report due by:	

Lab Use Only: Lab WO# E412043 — Job Number D105/8000

TAT: 1D X | 2D | 3D | Standard

EPA Program: CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM X | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks
11:22	12/11	S		S7-Surface	11	
11:25				S7-1'	12	
11:28				S7-2'	13	
11:36				S7-3'	14	
11:41				S7-4'	15	
11:49				SW1-Surface	16	
11:56				SW1-1'	17	
11:58				SW1-2'	18	
12:01				SW1-3'	19	
12:05				SW1-4'	20	

Additional Instructions: Billing # 21165284

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karine Adame			Michelle Gonzales	12.12.24	1400
Michelle Gonzales	12.12.24	1615		12.12.24	1615
	12.12.24	2245	Caitlin Mars	12.13.24	8:00

Lab Use Only — Received on ice: Y / N

T1 ____ T2 ____ T3 ____

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.

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Envirotech Analytical Laboratory

Printed: 12/13/2024 10:05:18AM

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:	12/13/24 08:00	Work Order ID:	E412093
Phone:	(575) 631-6977	Date Logged In:	12/12/24 14:39	Logged In By:	Caitlin Mars
Email:	gio@pimaoil.com	Due Date:	12/13/24 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	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

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

Comments/Resolution

No of containers and sampled by not provided on COC. Project Cotton Draw Unit #153H has been separated into 7 reports. WO are E412092 to E412098.

Client Instruction

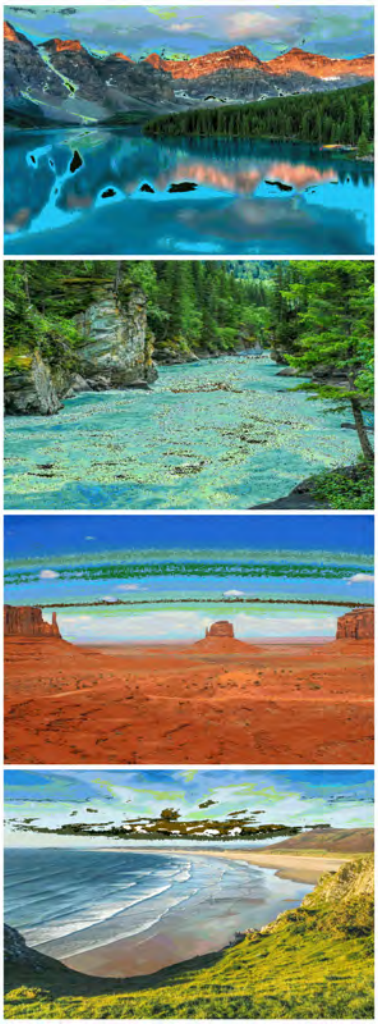
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Gio Gomez



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Cotton Draw Unit 153H
Work Order:	E412094
Job Number:	01058-0007
Received:	12/13/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
12/13/24

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: 12/13/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247

Project Name: Cotton Draw Unit 153H
Workorder: E412094
Date Received: 12/13/2024 8:00:04AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/13/2024 8:00:04AM, under the Project Name: Cotton Draw Unit 153H.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 153H 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 reguarding 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

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/24 15:21

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW2- Surface	E412094-01A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
SW2-1'	E412094-02A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
SW2-2'	E412094-03A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
SW2-3'	E412094-04A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
SW2-4'	E412094-05A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
SW3- Surface	E412094-06A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
SW3-1'	E412094-07A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
SW3-2'	E412094-08A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
SW3-3'	E412094-09A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
SW3-4'	E412094-10A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
SW4- Surface	E412094-11A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
SW4- 1'	E412094-12A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
SW4-2'	E412094-13A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
SW4-3'	E412094-14A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
SW4-4'	E412094-15A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
SW5- Surface	E412094-16A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
SW5-1'	E412094-17A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
SW5-2'	E412094-18A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
SW5-3'	E412094-19A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
SW5-4'	E412094-20A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 3:21:40PM

SW2- Surface

E412094-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2450109
Benzene	ND	0.0250	1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/13/24	12/13/24	
Toluene	ND	0.0250	1	12/13/24	12/13/24	
o-Xylene	ND	0.0250	1	12/13/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*119 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.0 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*114 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2450109
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*119 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.0 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*114 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450100
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*108 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450117
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 3:21:40PM

SW2-1'

E412094-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2450109
Benzene	ND	0.0250	1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/13/24	12/13/24	
Toluene	ND	0.0250	1	12/13/24	12/13/24	
o-Xylene	ND	0.0250	1	12/13/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.7 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*113 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2450109
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.7 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*113 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450100
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*107 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450117
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 3:21:40PM

SW2-2'

E412094-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2450109
Benzene	ND	0.0250	1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/13/24	12/13/24	
Toluene	ND	0.0250	1	12/13/24	12/13/24	
o-Xylene	ND	0.0250	1	12/13/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.1 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*114 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2450109
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.1 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*114 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450100
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*109 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450117
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 3:21:40PM

SW2-3'

E412094-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2450109
Benzene	ND	0.0250	1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/13/24	12/13/24	
Toluene	ND	0.0250	1	12/13/24	12/13/24	
o-Xylene	ND	0.0250	1	12/13/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*118 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.0 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2450109
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*118 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.0 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450100
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*107 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450117
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 3:21:40PM

SW2-4'

E412094-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2450109
Benzene	ND	0.0250	1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/13/24	12/13/24	
Toluene	ND	0.0250	1	12/13/24	12/13/24	
o-Xylene	ND	0.0250	1	12/13/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*118 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.3 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*114 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2450109
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*118 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.3 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*114 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450100
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*110 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450117
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 3:21:40PM

SW3- Surface

E412094-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2450109
Benzene	ND	0.0250	1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/13/24	12/13/24	
Toluene	ND	0.0250	1	12/13/24	12/13/24	
o-Xylene	ND	0.0250	1	12/13/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.1 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2450109
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.1 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450100
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*105 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450117
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 3:21:40PM

SW3-1'

E412094-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2450109
Benzene	ND	0.0250	1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/13/24	12/13/24	
Toluene	ND	0.0250	1	12/13/24	12/13/24	
o-Xylene	ND	0.0250	1	12/13/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.7 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*113 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2450109
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.7 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*113 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450100
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*104 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450117
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 3:21:40PM

SW3-2'

E412094-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2450109
Benzene	ND	0.0250	1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/13/24	12/13/24	
Toluene	ND	0.0250	1	12/13/24	12/13/24	
o-Xylene	ND	0.0250	1	12/13/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*119 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.6 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*113 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2450109
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*119 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.6 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*113 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450100
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*106 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450117
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 3:21:40PM

SW3-3'

E412094-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2450109
Benzene	ND	0.0250	1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/13/24	12/13/24	
Toluene	ND	0.0250	1	12/13/24	12/13/24	
o-Xylene	ND	0.0250	1	12/13/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.6 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*113 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2450109
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.6 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*113 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450100
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	**74.5**	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*116 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450117
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 3:21:40PM

SW3-4'

E412094-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2450109
Benzene	ND	0.0250	1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/13/24	12/13/24	
Toluene	ND	0.0250	1	12/13/24	12/13/24	
o-Xylene	ND	0.0250	1	12/13/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.5 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2450109
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.5 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450100
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*113 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450117
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 3:21:40PM

SW4- Surface

E412094-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2450109
Benzene	ND	0.0250	1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/13/24	12/13/24	
Toluene	ND	0.0250	1	12/13/24	12/13/24	
o-Xylene	ND	0.0250	1	12/13/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*119 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.6 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*113 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2450109
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*119 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.6 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*113 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450100
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*114 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450117
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 3:21:40PM

SW4- 1'

E412094-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2450109
Benzene	ND	0.0250	1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/13/24	12/13/24	
Toluene	ND	0.0250	1	12/13/24	12/13/24	
o-Xylene	ND	0.0250	1	12/13/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*99.1 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2450109
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*99.1 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450100
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*113 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450117
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 3:21:40PM

SW4-2'

E412094-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2450109
Benzene	ND	0.0250	1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/13/24	12/13/24	
Toluene	ND	0.0250	1	12/13/24	12/13/24	
o-Xylene	ND	0.0250	1	12/13/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.5 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2450109
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.5 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450100
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*117 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450117
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 3:21:40PM

SW4-3'

E412094-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2450109
Benzene	ND	0.0250	1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/13/24	12/13/24	
Toluene	ND	0.0250	1	12/13/24	12/13/24	
o-Xylene	ND	0.0250	1	12/13/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.5 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*113 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2450109
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.5 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*113 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450100
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*119 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450117
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 3:21:40PM

SW4-4'

E412094-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2450109
Benzene	ND	0.0250	1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/13/24	12/13/24	
Toluene	ND	0.0250	1	12/13/24	12/13/24	
o-Xylene	ND	0.0250	1	12/13/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*118 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.7 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*114 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2450109
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*118 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.7 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*114 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450100
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*118 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450117
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 3:21:40PM

SW5- Surface

E412094-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2450109
Benzene	ND	0.0250	1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/13/24	12/13/24	
Toluene	ND	0.0250	1	12/13/24	12/13/24	
o-Xylene	ND	0.0250	1	12/13/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.4 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2450109
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.4 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450100
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*115 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450117
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 3:21:40PM

SW5-1'

E412094-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2450109
Benzene	ND	0.0250	1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/13/24	12/13/24	
Toluene	ND	0.0250	1	12/13/24	12/13/24	
o-Xylene	ND	0.0250	1	12/13/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*118 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.5 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2450109
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*118 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.5 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450100
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*107 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450117
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 3:21:40PM

SW5-2'

E412094-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2450109
Benzene	ND	0.0250	1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/13/24	12/13/24	
Toluene	ND	0.0250	1	12/13/24	12/13/24	
o-Xylene	ND	0.0250	1	12/13/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*120 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.9 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2450109
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*120 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.9 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450100
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*108 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450117
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 3:21:40PM

SW5-3'

E412094-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2450109
Benzene	ND	0.0250	1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/13/24	12/13/24	
Toluene	ND	0.0250	1	12/13/24	12/13/24	
o-Xylene	ND	0.0250	1	12/13/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*120 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.8 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*113 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2450109
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*120 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.8 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*113 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450100
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*114 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450117
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 3:21:40PM

SW5-4'

E412094-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2450109
Benzene	ND	0.0250	1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/13/24	12/13/24	
Toluene	ND	0.0250	1	12/13/24	12/13/24	
o-Xylene	ND	0.0250	1	12/13/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.4 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*113 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2450109
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.4 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*113 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450100
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*111 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450117
Chloride	ND	20.0	1	12/13/24	12/13/24	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 3:21:40PM

Volatile Organic Compounds by EPA 8260B

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 (2450109-BLK1)									Prepared: 12/12/24 Analyzed: 12/12/24
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: Bromofluorobenzene	*0.596*		*0.500*		*119*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.470*		*0.500*		*94.0*	*70-130*			
Surrogate: Toluene-d8	*0.567*		*0.500*		*113*	*70-130*			
LCS (2450109-BS1)									Prepared: 12/12/24 Analyzed: 12/12/24
Benzene	2.77	0.0250	2.50		111	70-130			
Ethylbenzene	2.85	0.0250	2.50		114	70-130			
Toluene	2.83	0.0250	2.50		113	70-130			
o-Xylene	3.00	0.0250	2.50		120	70-130			
p,m-Xylene	5.97	0.0500	5.00		119	70-130			
Total Xylenes	8.97	0.0250	7.50		120	70-130			
Surrogate: Bromofluorobenzene	*0.610*		*0.500*		*122*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.488*		*0.500*		*97.5*	*70-130*			
Surrogate: Toluene-d8	*0.565*		*0.500*		*113*	*70-130*			
LCS Dup (2450109-BSD1)									Prepared: 12/12/24 Analyzed: 12/12/24
Benzene	2.61	0.0250	2.50		104	70-130	5.95	23	
Ethylbenzene	2.63	0.0250	2.50		105	70-130	7.93	27	
Toluene	2.64	0.0250	2.50		105	70-130	7.07	24	
o-Xylene	2.80	0.0250	2.50		112	70-130	6.73	27	
p,m-Xylene	5.59	0.0500	5.00		112	70-130	6.67	27	
Total Xylenes	8.39	0.0250	7.50		112	70-130	6.69	27	
Surrogate: Bromofluorobenzene	*0.609*		*0.500*		*122*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.488*		*0.500*		*97.6*	*70-130*			
Surrogate: Toluene-d8	*0.556*		*0.500*		*111*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 3:21:40PM

Nonhalogenated Organics by EPA 8015D - GRO

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 (2450109-BLK1)									Prepared: 12/12/24 Analyzed: 12/12/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.596*		*0.500*		*119*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.470*		*0.500*		*94.0*	*70-130*			
Surrogate: Toluene-d8	*0.567*		*0.500*		*113*	*70-130*			
LCS (2450109-BS2)									Prepared: 12/12/24 Analyzed: 12/12/24
Gasoline Range Organics (C6-C10)	54.9	20.0	50.0		110	70-130			
Surrogate: Bromofluorobenzene	*0.613*		*0.500*		*123*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.482*		*0.500*		*96.4*	*70-130*			
Surrogate: Toluene-d8	*0.590*		*0.500*		*118*	*70-130*			
LCS Dup (2450109-BSD2)									Prepared: 12/12/24 Analyzed: 12/12/24
Gasoline Range Organics (C6-C10)	55.2	20.0	50.0		110	70-130	0.491	20	
Surrogate: Bromofluorobenzene	*0.607*		*0.500*		*121*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.472*		*0.500*		*94.4*	*70-130*			
Surrogate: Toluene-d8	*0.579*		*0.500*		*116*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 3:21:40PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2450100-BLK1)									Prepared: 12/12/24 Analyzed: 12/12/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*56.9*		*50.0*		*114*	*50-200*			
LCS (2450100-BS1)									Prepared: 12/12/24 Analyzed: 12/12/24
Diesel Range Organics (C10-C28)	281	25.0	250		112	38-132			
Surrogate: n-Nonane	*57.3*		*50.0*		*115*	*50-200*			
LCS Dup (2450100-BSD1)									Prepared: 12/12/24 Analyzed: 12/12/24
Diesel Range Organics (C10-C28)	266	25.0	250		107	38-132	5.30	20	
Surrogate: n-Nonane	*56.9*		*50.0*		*114*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 3:21:40PM

Anions by EPA 300.0/9056A

Analyst: JM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2450117-BLK1)									Prepared: 12/12/24 Analyzed: 12/13/24
Chloride	ND	20.0							
LCS (2450117-BS1)									Prepared: 12/12/24 Analyzed: 12/13/24
Chloride	255	20.0	250		102	90-110			
LCS Dup (2450117-BSD1)									Prepared: 12/12/24 Analyzed: 12/13/24
Chloride	254	20.0	250		101	90-110	0.372	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:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/24 15:21

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.

Released to Imaging: 7/1/2025 11:29:28 AM
Received by OCD: 6/24/2025 9:45:27 AM

Project Information

Chain of Custody

Client: Pima Environmental Services	Bill To
Project: Orton Draw Unit #153H	Attention: Devon
Project Manager: Gio Gomez	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM. 88240	Phone:
Phone: 806-782-1151	Email:
Email: gio@pimaoil.com	Pima Project # 1-302-3
Report due by:	

Lab Use Only: Lab WO# E41209 4 — Job Number 01D1800007

TAT: 1D X | 2D | 3D | Standard

EPA Program: CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
12:11	12/11	S		SW2-Surface	1	X	
12:18				SW2-1'	2		
12:21				SW2-2'	3		
12:27				SW2-3'	4		
12:30				SW2-4'	5		
12:36				SW3-Surface	6		
12:40				SW3-1'	7		
12:44				SW3-2'	8		
12:49				SW3-3'	9		
12:50				SW3-4'	10		

Additional Instructions: Billing # 211652284

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karsine Adame			Michelle Gonzales	12.12.24	1400
Michelle Gonzales	12.12.24	1615		12.12.24	1615
	12.12.24	2245	Caitlin Mason	12.13.24	800

Lab Use Only — Received on ice: (Y) / N — T1 ____ T2 ____ T3 ____ — AVG Temp °C 4

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

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.

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Released to Imaging: 7/1/2025 11:29:28 AM
Received by OCD: 6/24/2025 9:45:27 AM

Project Information

Chain of Custody

Client: Pima Environmental Services
Project: Cotton Draw Unit #153H
Project Manager: Gio Gomez
Address: 5614 N. Lovington Hwy.
City, State, Zip Hobbs, NM, 88240
Phone: 806-782-1151
Email: gio@pimaoil.com
Report due by:

Bill To
Attention: Devon
Address:
City, State, Zip
Phone:
Email:
Pima Project # 1-302-3

Lab Use Only
Lab WO# E412094 Job Number 01058-0007

TAT: 1D X | 2D | 3D | Standard

EPA Program: CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM X | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks
12:53	12/11	S		SW4 - Surface	11	
12:59				SW4 - 1'	12	
1:06				SW4 - 2'	13	
1:11				SW4 - 3'	14	
1:20				SW4 - 4'	15	
1:28				SW5 - Surface	16	
1:31				SW5 - 1'	17	
1:36				SW5 - 2'	18	
1:40				SW5 - 3'	19	
1:49				SW5 - 4'	20	

Additional Instructions: Billing # 21165284

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]			Michelle Gonzales	12.12.24	1400
Michelle Gonzales	12-12-24	1615	[signature]	12.12.24	1615
[signature]	12.12.24	2245	Caitlin Mann	12.13.24	800

Lab Use Only
Received on ice: (Y) / N
T1 T2 T3
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.

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Envirotech Analytical Laboratory

Printed: 12/13/2024 10:06:22AM

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:	12/13/24 08:00	Work Order ID:	E412094
Phone:	(575) 631-6977	Date Logged In:	12/12/24 14:40	Logged In By:	Caitlin Mars
Email:	gio@pimaoil.com	Due Date:	12/13/24 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	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

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

Comments/Resolution

No of containers and sampled by not provided on COC. Project Cotton Draw Unit #153H has been separated into 7 reports. WO are E412092 to E412098.

Client Instruction

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

Date

envirotech Inc.

Report to:

Gio Gomez



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Cotton Draw Unit 153H
Work Order:	E412095
Job Number:	01058-0007
Received:	12/13/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
12/13/24

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: 12/13/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247

Project Name: Cotton Draw Unit 153H
Workorder: E412095
Date Received: 12/13/2024 8:00:04AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/13/2024 8:00:04AM, under the Project Name: Cotton Draw Unit 153H.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 153H 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 reguarding 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

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/24 16:24

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW6- Surface	E412095-01A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
SW6-1'	E412095-02A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
SW6-2'	E412095-03A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
SW6-3'	E412095-04A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
SW6-4'	E412095-05A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
SW7- Surface	E412095-06A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
SW7-1'	E412095-07A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
SW7-2'	E412095-08A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
SW7-3'	E412095-09A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
SW7-4'	E412095-10A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
SW8- Surface	E412095-11A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
SW8-1'	E412095-12A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
SW8-2'	E412095-13A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
SW8-3'	E412095-14A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
SW8-4'	E412095-15A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
L1- Surface	E412095-16A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
L1-1'	E412095-17A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
L1-2'	E412095-18A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
L1-3'	E412095-19A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
L1-4'	E412095-20A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 4:24:51PM

SW6- Surface

E412095-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2450110
Benzene	ND	0.0250	1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/13/24	12/13/24	
Toluene	ND	0.0250	1	12/13/24	12/13/24	
o-Xylene	ND	0.0250	1	12/13/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*96.1 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.4 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2450110
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*96.1 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.4 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450101
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*106 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450118
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 4:24:51PM

SW6-1'

E412095-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2450110
Benzene	ND	0.0250	1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/13/24	12/13/24	
Toluene	ND	0.0250	1	12/13/24	12/13/24	
o-Xylene	ND	0.0250	1	12/13/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*95.0 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*99.2 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2450110
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*95.0 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*99.2 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450101
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*106 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450118
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 4:24:51PM

SW6-2'

E412095-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2450110
Benzene	ND	0.0250	1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/13/24	12/13/24	
Toluene	ND	0.0250	1	12/13/24	12/13/24	
o-Xylene	ND	0.0250	1	12/13/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*97.1 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.9 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2450110
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*97.1 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.9 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450101
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*109 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450118
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 4:24:51PM

SW6-3'

E412095-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2450110
Benzene	ND	0.0250	1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/13/24	12/13/24	
Toluene	ND	0.0250	1	12/13/24	12/13/24	
o-Xylene	ND	0.0250	1	12/13/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*95.1 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2450110
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*95.1 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450101
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*111 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450118
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 4:24:51PM

SW6-4'

E412095-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2450110
Benzene	ND	0.0250	1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/13/24	12/13/24	
Toluene	ND	0.0250	1	12/13/24	12/13/24	
o-Xylene	ND	0.0250	1	12/13/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*94.1 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2450110
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*94.1 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450101
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*110 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450118
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 4:24:51PM

SW7- Surface

E412095-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2450110
Benzene	ND	0.0250	1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/13/24	12/13/24	
Toluene	ND	0.0250	1	12/13/24	12/13/24	
o-Xylene	ND	0.0250	1	12/13/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*94.5 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2450110
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*94.5 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450101
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*105 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450118
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 4:24:51PM

SW7-1'

E412095-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2450110
Benzene	ND	0.0250	1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/13/24	12/13/24	
Toluene	ND	0.0250	1	12/13/24	12/13/24	
o-Xylene	ND	0.0250	1	12/13/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*95.0 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2450110
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*95.0 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450101
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*106 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450118
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 4:24:51PM

SW7-2'

E412095-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2450110
Benzene	ND	0.0250	1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/13/24	12/13/24	
Toluene	ND	0.0250	1	12/13/24	12/13/24	
o-Xylene	ND	0.0250	1	12/13/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*94.5 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2450110
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*94.5 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450101
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*106 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450118
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 4:24:51PM

SW7-3'

E412095-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2450110
Benzene	ND	0.0250	1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/13/24	12/13/24	
Toluene	ND	0.0250	1	12/13/24	12/13/24	
o-Xylene	ND	0.0250	1	12/13/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*94.6 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.0 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2450110
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*94.6 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.0 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450101
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*107 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450118
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 4:24:51PM

SW7-4'

E412095-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2450110
Benzene	ND	0.0250	1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/13/24	12/13/24	
Toluene	ND	0.0250	1	12/13/24	12/13/24	
o-Xylene	ND	0.0250	1	12/13/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*97.1 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2450110
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*97.1 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450101
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*111 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450118
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 4:24:51PM

SW8- Surface

E412095-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2450110
Benzene	ND	0.0250	1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/13/24	12/13/24	
Toluene	ND	0.0250	1	12/13/24	12/13/24	
o-Xylene	ND	0.0250	1	12/13/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*93.3 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2450110
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*93.3 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450101
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*108 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450118
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 4:24:51PM

SW8-1'

E412095-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2450110
Benzene	ND	0.0250	1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/13/24	12/13/24	
Toluene	ND	0.0250	1	12/13/24	12/13/24	
o-Xylene	ND	0.0250	1	12/13/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*95.8 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2450110
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*95.8 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450101
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*110 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450118
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 4:24:51PM

SW8-2'

E412095-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2450110
Benzene	ND	0.0250	1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/13/24	12/13/24	
Toluene	ND	0.0250	1	12/13/24	12/13/24	
o-Xylene	ND	0.0250	1	12/13/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*96.6 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2450110
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*96.6 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450101
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*114 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450118
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 4:24:51PM

SW8-3'

E412095-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2450110
Benzene	ND	0.0250	1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/13/24	12/13/24	
Toluene	ND	0.0250	1	12/13/24	12/13/24	
o-Xylene	ND	0.0250	1	12/13/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*94.4 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2450110
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*94.4 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450101
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*116 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450118
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 4:24:51PM

SW8-4'

E412095-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2450110
Benzene	ND	0.0250	1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/13/24	12/13/24	
Toluene	ND	0.0250	1	12/13/24	12/13/24	
o-Xylene	ND	0.0250	1	12/13/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*98.1 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2450110
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*98.1 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450101
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*117 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450118
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 4:24:51PM

L1- Surface

E412095-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2450110
Benzene	ND	0.0250	1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/13/24	12/13/24	
Toluene	ND	0.0250	1	12/13/24	12/13/24	
o-Xylene	ND	0.0250	1	12/13/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*95.8 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*108 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2450110
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*95.8 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*108 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450101
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*111 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450118
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 4:24:51PM

L1-1'

E412095-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2450110
Benzene	ND	0.0250	1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/13/24	12/13/24	
Toluene	ND	0.0250	1	12/13/24	12/13/24	
o-Xylene	ND	0.0250	1	12/13/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*95.5 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2450110
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*95.5 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450101
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*107 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450118
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 4:24:51PM

L1-2'

E412095-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2450110
Benzene	ND	0.0250	1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/13/24	12/13/24	
Toluene	ND	0.0250	1	12/13/24	12/13/24	
o-Xylene	ND	0.0250	1	12/13/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.5 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*114 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2450110
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.5 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*114 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450101
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*107 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450118
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 4:24:51PM

L1-3'

E412095-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2450110
Benzene	ND	0.0250	1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/13/24	12/13/24	
Toluene	ND	0.0250	1	12/13/24	12/13/24	
o-Xylene	ND	0.0250	1	12/13/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.1 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2450110
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.1 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450101
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*110 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450118
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 4:24:51PM

L1-4'

E412095-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2450110
Benzene	ND	0.0250	1	12/13/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/13/24	12/13/24	
Toluene	ND	0.0250	1	12/13/24	12/13/24	
o-Xylene	ND	0.0250	1	12/13/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/13/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*118 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.3 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*113 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2450110
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/24	12/13/24	
Surrogate: Bromofluorobenzene		*118 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.3 %*	*70-130*	*12/13/24*	*12/13/24*	
Surrogate: Toluene-d8		*113 %*	*70-130*	*12/13/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450101
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*113 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450118
Chloride	ND	20.0	1	12/13/24	12/13/24	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 4:24:51PM

Volatile Organic Compounds by EPA 8260B

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2450110-BLK1)									Prepared: 12/12/24 Analyzed: 12/12/24
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: Bromofluorobenzene	*0.476*		*0.500*		*95.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.516*		*0.500*		*103*	*70-130*			
Surrogate: Toluene-d8	*0.515*		*0.500*		*103*	*70-130*			
LCS (2450110-BS1)									Prepared: 12/12/24 Analyzed: 12/12/24
Benzene	2.30	0.0250	2.50		92.0	70-130			
Ethylbenzene	2.41	0.0250	2.50		96.2	70-130			
Toluene	2.39	0.0250	2.50		95.4	70-130			
o-Xylene	2.53	0.0250	2.50		101	70-130			
p,m-Xylene	4.97	0.0500	5.00		99.3	70-130			
Total Xylenes	7.50	0.0250	7.50		99.9	70-130			
Surrogate: Bromofluorobenzene	*0.495*		*0.500*		*99.0*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.528*		*0.500*		*106*	*70-130*			
Surrogate: Toluene-d8	*0.528*		*0.500*		*106*	*70-130*			
LCS Dup (2450110-BSD1)									Prepared: 12/12/24 Analyzed: 12/12/24
Benzene	2.19	0.0250	2.50		87.4	70-130	5.11	23	
Ethylbenzene	2.33	0.0250	2.50		93.2	70-130	3.21	27	
Toluene	2.31	0.0250	2.50		92.3	70-130	3.32	24	
o-Xylene	2.42	0.0250	2.50		96.7	70-130	4.53	27	
p,m-Xylene	4.71	0.0500	5.00		94.1	70-130	5.40	27	
Total Xylenes	7.12	0.0250	7.50		95.0	70-130	5.10	27	
Surrogate: Bromofluorobenzene	*0.484*		*0.500*		*96.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.503*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.527*		*0.500*		*105*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 4:24:51PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2450110-BLK1)									Prepared: 12/12/24 Analyzed: 12/12/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.476*		*0.500*		*95.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.516*		*0.500*		*103*	*70-130*			
Surrogate: Toluene-d8	*0.515*		*0.500*		*103*	*70-130*			
LCS (2450110-BS2)									Prepared: 12/12/24 Analyzed: 12/13/24
Gasoline Range Organics (C6-C10)	56.0	20.0	50.0		112	70-130			
Surrogate: Bromofluorobenzene	*0.485*		*0.500*		*96.9*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.495*		*0.500*		*99.0*	*70-130*			
Surrogate: Toluene-d8	*0.539*		*0.500*		*108*	*70-130*			
LCS Dup (2450110-BSD2)									Prepared: 12/12/24 Analyzed: 12/13/24
Gasoline Range Organics (C6-C10)	53.7	20.0	50.0		107	70-130	4.08	20	
Surrogate: Bromofluorobenzene	*0.491*		*0.500*		*98.1*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.513*		*0.500*		*103*	*70-130*			
Surrogate: Toluene-d8	*0.539*		*0.500*		*108*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 4:24:51PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2450101-BLK1)									Prepared: 12/12/24 Analyzed: 12/12/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*57.0*		*50.0*		*114*	*50-200*			
LCS (2450101-BS1)									Prepared: 12/12/24 Analyzed: 12/12/24
Diesel Range Organics (C10-C28)	275	25.0	250		110	38-132			
Surrogate: n-Nonane	*56.9*		*50.0*		*114*	*50-200*			
LCS Dup (2450101-BSD1)									Prepared: 12/12/24 Analyzed: 12/12/24
Diesel Range Organics (C10-C28)	270	25.0	250		108	38-132	1.50	20	
Surrogate: n-Nonane	*57.6*		*50.0*		*115*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/2024 4:24:51PM

Anions by EPA 300.0/9056A

Analyst: JM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2450118-BLK1)									Prepared: 12/12/24 Analyzed: 12/13/24
Chloride	ND	20.0							
LCS (2450118-BS1)									Prepared: 12/12/24 Analyzed: 12/13/24
Chloride	251	20.0	250		100	90-110			
LCS Dup (2450118-BSD1)									Prepared: 12/12/24 Analyzed: 12/13/24
Chloride	251	20.0	250		100	90-110	0.0494	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:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/13/24 16:24

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.

Released to Imaging: 7/1/2025 11:29:28 AM
Received by OCD: 6/24/2025 9:45:27 AM

Project Information

Chain of Custody

Client: Pima Environmental Services	
Project: Dixon Draw Unit #153H	
Project Manager: Gio Gomez	
Address: 5614 N. Lovington Hwy.	
City, State, Zip Hobbs, NM. 88240	
Phone: 806-782-1151	
Email: gio@pimaoil.com	
Report due by:	

Bill To

Attention: Devon	
Address:	
City, State, Zip	
Phone:	
Email:	
Pima Project #	1-302-3

Lab Use Only

Lab WO# E412095 — Job Number 01058-0007

TAT				EPA Program	
1D	2D	3D	Standard	CWA	SDWA
X					
					RCRA

State: NM X | CO | UT | AZ | TX

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
1:50	12/11	S		SW6-Surface	1							X		
1:54				SW6-1'	2									
1:59				SW6-2'	3									
2:00				SW6-3'	4									
2:11				SW6-4'	5									
2:17				SW7-Surface	6									
2:18				SW7-1'	7									
2:20				SW7-2'	8									
2:26				SW7-3'	9									
2:30				SW7-4'	10									

Additional Instructions: Billing # 211652 84

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karine Hoare			Michelle Gonzales	12-12-24	1400
Michelle Gonzales	12-12-24	1615		12.12.24	1615
	12.12.24	2245	Caitlin Mars	12.13.24	800

Lab Use Only — Received on ice: (Y) N

T1 ____ T2 ____ T3 ____

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

Released to Imaging: 7/1/2025 11:29:28 AM
Received by OCD: 6/24/2025 9:45:27 AM

Project Information

Chain of Custody

Client: Pima Environmental Services	Bill To
Project: Cotton Draw Unit #153H	Attention: De Von
Project Manager: Gio Gomez	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 806-782-1151	Email:
Email: gio@pimaoil.com	Pima Project # 1-302-3
Report due by:	

Lab Use Only: Lab WO# E412095 — Lab Number 1005360001

TAT: 1D X; 2D; 3D; Standard

EPA Program: CWA; SDWA; RCRA

State: NM X; CO; UT; AZ; TX

Analysis and Method: DRO/ORO by 8015; GRO/DRO by 8015; BTEX by 8021; VOC by 8260; Metals 6010; Chloride 300.0; BGDOC NM X; BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number
2:32	12/11	S		SW8-Surface	11
2:36	"	"		SW8-1'	12
2:41				SW8-2'	13
2:43				SW8-3'	14
2:48				SW8-4'	15
2:56				L1-Surface	16
3:00				L1-1'	17
3:11				L1-2'	18
3:17				L1-3'	19
3:20				L1-4'	20

Remarks

Additional Instructions: Billing # 211652841

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Kayne Frame			Michelle Gonzales	12-12-24	1400
Michelle Gonzales	12-12-24	1615		12.12.24	1615
	12.12.24	2245	Caitlin Mars	12.13.24	800

Lab Use Only — Received on ice: Y / N; T1: T2: T3: 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.

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Envirotech Analytical Laboratory

Printed: 12/13/2024 10:08:14AM

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:	12/13/24 08:00	Work Order ID:	E412095
Phone:	(575) 631-6977	Date Logged In:	12/12/24 14:40	Logged In By:	Caitlin Mars
Email:	gio@pimaoil.com	Due Date:	12/13/24 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	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

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

Comments/Resolution

No of containers and sampled by not provided on COC. Project Cotton Draw Unit #153H has been separated into 7 reports. WO are E412092 to E412098.

Client Instruction

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

Date

envirotech Inc.

Report to:

Gio Gomez









5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Cotton Draw Unit 153H
Work Order:	E412096
Job Number:	01058-0007
Received:	12/13/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
12/16/24

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: 12/16/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247

Project Name: Cotton Draw Unit 153H
Workorder: E412096
Date Received: 12/13/2024 8:00:04AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/13/2024 8:00:04AM, under the Project Name: Cotton Draw Unit 153H.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 153H 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 reguarding 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

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/24 12:17

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
LN1- Surface	E412096-01A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LN1-1'	E412096-02A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LN1-2'	E412096-03A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LN1-3'	E412096-04A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LN1-4'	E412096-05A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LE1-Surface	E412096-06A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LE1-1'	E412096-07A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LE1-2'	E412096-08A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LE1-3'	E412096-09A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LE1-4'	E412096-10A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LS1-Surface	E412096-11A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LS1-1'	E412096-12A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LS1-2'	E412096-13A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LS1-3'	E412096-14A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LS1-4'	E412096-15A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LW1-Surface	E412096-16A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LW1-1'	E412096-17A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LW1-2'	E412096-18A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LW1-3'	E412096-19A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LW1-4'	E412096-20A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:17:23PM

LN1- Surface

E412096-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2450111
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*12/12/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*91.6 %*	*70-130*	*12/12/24*	*12/13/24*	
Surrogate: Toluene-d8		*113 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2450111
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*12/12/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*91.6 %*	*70-130*	*12/12/24*	*12/13/24*	
Surrogate: Toluene-d8		*113 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450102
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*113 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2450119
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:17:23PM

LN1-1'

E412096-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2450111
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: Bromofluorobenzene		*119 %*	*70-130*	*12/12/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.5 %*	*70-130*	*12/12/24*	*12/13/24*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2450111
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: Bromofluorobenzene		*119 %*	*70-130*	*12/12/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.5 %*	*70-130*	*12/12/24*	*12/13/24*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450102
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*105 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2450119
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:17:23PM

LN1-2'

E412096-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2450111
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: Bromofluorobenzene		*119 %*	*70-130*	*12/12/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.6 %*	*70-130*	*12/12/24*	*12/13/24*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2450111
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: Bromofluorobenzene		*119 %*	*70-130*	*12/12/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.6 %*	*70-130*	*12/12/24*	*12/13/24*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450102
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*105 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2450119
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:17:23PM

LN1-3'

E412096-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2450111
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: Bromofluorobenzene		*119 %*	*70-130*	*12/12/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.8 %*	*70-130*	*12/12/24*	*12/13/24*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2450111
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: Bromofluorobenzene		*119 %*	*70-130*	*12/12/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.8 %*	*70-130*	*12/12/24*	*12/13/24*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450102
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*105 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2450119
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:17:23PM

LN1-4'

E412096-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2450111
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: Bromofluorobenzene		*119 %*	*70-130*	*12/12/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.3 %*	*70-130*	*12/12/24*	*12/13/24*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2450111
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: Bromofluorobenzene		*119 %*	*70-130*	*12/12/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.3 %*	*70-130*	*12/12/24*	*12/13/24*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450102
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*101 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2450119
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:17:23PM

LE1-Surface

E412096-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2450111
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*12/12/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.1 %*	*70-130*	*12/12/24*	*12/13/24*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2450111
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*12/12/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.1 %*	*70-130*	*12/12/24*	*12/13/24*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450102
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*103 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2450119
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:17:23PM

LE1-1'

E412096-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2450111
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*12/12/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.2 %*	*70-130*	*12/12/24*	*12/13/24*	
Surrogate: Toluene-d8		*113 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2450111
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*12/12/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.2 %*	*70-130*	*12/12/24*	*12/13/24*	
Surrogate: Toluene-d8		*113 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450102
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*101 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2450119
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:17:23PM

LE1-2'

E412096-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2450111
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: Bromofluorobenzene		*96.4 %*	*70-130*	*12/12/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*12/12/24*	*12/13/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2450111
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: Bromofluorobenzene		*96.4 %*	*70-130*	*12/12/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*12/12/24*	*12/13/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450102
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*105 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2450119
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:17:23PM

LE1-3'

E412096-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2450111
Benzene	ND	0.0250	1	12/12/24	12/15/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/15/24	
Toluene	ND	0.0250	1	12/12/24	12/15/24	
o-Xylene	ND	0.0250	1	12/12/24	12/15/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/15/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/15/24	
Surrogate: Bromofluorobenzene		*99.4 %*	*70-130*	*12/12/24*	*12/15/24*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*12/12/24*	*12/15/24*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*12/12/24*	*12/15/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2450111
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/15/24	
Surrogate: Bromofluorobenzene		*99.4 %*	*70-130*	*12/12/24*	*12/15/24*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*12/12/24*	*12/15/24*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*12/12/24*	*12/15/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450102
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*112 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2450119
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:17:23PM

LE1-4'

E412096-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2450111
Benzene	ND	0.0250	1	12/12/24	12/15/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/15/24	
Toluene	ND	0.0250	1	12/12/24	12/15/24	
o-Xylene	ND	0.0250	1	12/12/24	12/15/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/15/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/15/24	
Surrogate: Bromofluorobenzene		*96.1 %*	*70-130*	*12/12/24*	*12/15/24*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*12/12/24*	*12/15/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*12/12/24*	*12/15/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2450111
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/15/24	
Surrogate: Bromofluorobenzene		*96.1 %*	*70-130*	*12/12/24*	*12/15/24*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*12/12/24*	*12/15/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*12/12/24*	*12/15/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450102
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*110 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2450119
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:17:23PM

LS1-Surface

E412096-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2450111
Benzene	ND	0.0250	1	12/12/24	12/15/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/15/24	
Toluene	ND	0.0250	1	12/12/24	12/15/24	
o-Xylene	ND	0.0250	1	12/12/24	12/15/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/15/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/15/24	
Surrogate: Bromofluorobenzene		*95.4 %*	*70-130*	*12/12/24*	*12/15/24*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*12/12/24*	*12/15/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*12/12/24*	*12/15/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2450111
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/15/24	
Surrogate: Bromofluorobenzene		*95.4 %*	*70-130*	*12/12/24*	*12/15/24*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*12/12/24*	*12/15/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*12/12/24*	*12/15/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450102
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*106 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2450119
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:17:23PM

LS1-1'

E412096-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2450111
Benzene	ND	0.0250	1	12/12/24	12/15/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/15/24	
Toluene	ND	0.0250	1	12/12/24	12/15/24	
o-Xylene	ND	0.0250	1	12/12/24	12/15/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/15/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/15/24	
Surrogate: Bromofluorobenzene		*94.1 %*	*70-130*	*12/12/24*	*12/15/24*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*12/12/24*	*12/15/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*12/12/24*	*12/15/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2450111
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/15/24	
Surrogate: Bromofluorobenzene		*94.1 %*	*70-130*	*12/12/24*	*12/15/24*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*12/12/24*	*12/15/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*12/12/24*	*12/15/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450102
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*105 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2450119
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:17:23PM

LS1-2'

E412096-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2450111
Benzene	ND	0.0250	1	12/12/24	12/15/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/15/24	
Toluene	ND	0.0250	1	12/12/24	12/15/24	
o-Xylene	ND	0.0250	1	12/12/24	12/15/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/15/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/15/24	
Surrogate: Bromofluorobenzene		*93.1 %*	*70-130*	*12/12/24*	*12/15/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.6 %*	*70-130*	*12/12/24*	*12/15/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*12/12/24*	*12/15/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2450111
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/15/24	
Surrogate: Bromofluorobenzene		*93.1 %*	*70-130*	*12/12/24*	*12/15/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.6 %*	*70-130*	*12/12/24*	*12/15/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*12/12/24*	*12/15/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450102
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*110 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2450119
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:17:23PM

LS1-3'

E412096-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2450111
Benzene	ND	0.0250	1	12/12/24	12/15/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/15/24	
Toluene	ND	0.0250	1	12/12/24	12/15/24	
o-Xylene	ND	0.0250	1	12/12/24	12/15/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/15/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/15/24	
Surrogate: Bromofluorobenzene		*96.2 %*	*70-130*	*12/12/24*	*12/15/24*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*12/12/24*	*12/15/24*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*12/12/24*	*12/15/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2450111
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/15/24	
Surrogate: Bromofluorobenzene		*96.2 %*	*70-130*	*12/12/24*	*12/15/24*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*12/12/24*	*12/15/24*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*12/12/24*	*12/15/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450102
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*116 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2450119
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:17:23PM

LS1-4'

E412096-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2450111
Benzene	ND	0.0250	1	12/12/24	12/15/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/15/24	
Toluene	ND	0.0250	1	12/12/24	12/15/24	
o-Xylene	ND	0.0250	1	12/12/24	12/15/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/15/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/15/24	
Surrogate: Bromofluorobenzene		*92.3 %*	*70-130*	*12/12/24*	*12/15/24*	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*70-130*	*12/12/24*	*12/15/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*12/12/24*	*12/15/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2450111
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/15/24	
Surrogate: Bromofluorobenzene		*92.3 %*	*70-130*	*12/12/24*	*12/15/24*	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*70-130*	*12/12/24*	*12/15/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*12/12/24*	*12/15/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450102
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*109 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2450119
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:17:23PM

LW1-Surface

E412096-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2450111
Benzene	ND	0.0250	1	12/12/24	12/15/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/15/24	
Toluene	ND	0.0250	1	12/12/24	12/15/24	
o-Xylene	ND	0.0250	1	12/12/24	12/15/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/15/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/15/24	
Surrogate: Bromofluorobenzene		*93.9 %*	*70-130*	*12/12/24*	*12/15/24*	
Surrogate: 1,2-Dichloroethane-d4		*99.8 %*	*70-130*	*12/12/24*	*12/15/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*12/12/24*	*12/15/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2450111
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/15/24	
Surrogate: Bromofluorobenzene		*93.9 %*	*70-130*	*12/12/24*	*12/15/24*	
Surrogate: 1,2-Dichloroethane-d4		*99.8 %*	*70-130*	*12/12/24*	*12/15/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*12/12/24*	*12/15/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450102
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*113 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2450119
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:17:23PM

LW1-1'

E412096-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2450111
Benzene	ND	0.0250	1	12/12/24	12/15/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/15/24	
Toluene	ND	0.0250	1	12/12/24	12/15/24	
o-Xylene	ND	0.0250	1	12/12/24	12/15/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/15/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/15/24	
Surrogate: Bromofluorobenzene		*94.8 %*	*70-130*	*12/12/24*	*12/15/24*	
Surrogate: 1,2-Dichloroethane-d4		*99.2 %*	*70-130*	*12/12/24*	*12/15/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*12/12/24*	*12/15/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2450111
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/15/24	
Surrogate: Bromofluorobenzene		*94.8 %*	*70-130*	*12/12/24*	*12/15/24*	
Surrogate: 1,2-Dichloroethane-d4		*99.2 %*	*70-130*	*12/12/24*	*12/15/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*12/12/24*	*12/15/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450102
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*105 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2450119
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:17:23PM

LW1-2'

E412096-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2450111
Benzene	ND	0.0250	1	12/12/24	12/15/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/15/24	
Toluene	ND	0.0250	1	12/12/24	12/15/24	
o-Xylene	ND	0.0250	1	12/12/24	12/15/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/15/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/15/24	
Surrogate: Bromofluorobenzene		*93.5 %*	*70-130*	*12/12/24*	*12/15/24*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*12/12/24*	*12/15/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*12/12/24*	*12/15/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2450111
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/15/24	
Surrogate: Bromofluorobenzene		*93.5 %*	*70-130*	*12/12/24*	*12/15/24*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*12/12/24*	*12/15/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*12/12/24*	*12/15/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450102
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*109 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2450119
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:17:23PM

LW1-3'

E412096-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2450111
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*12/12/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.0 %*	*70-130*	*12/12/24*	*12/13/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2450111
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*12/12/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.0 %*	*70-130*	*12/12/24*	*12/13/24*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450102
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*111 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2450119
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:17:23PM

LW1-4'

E412096-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2450111
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*12/12/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.5 %*	*70-130*	*12/12/24*	*12/13/24*	
Surrogate: Toluene-d8		*113 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2450111
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*12/12/24*	*12/13/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.5 %*	*70-130*	*12/12/24*	*12/13/24*	
Surrogate: Toluene-d8		*113 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450102
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*110 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2450119
Chloride	ND	20.0	1	12/13/24	12/13/24	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:17:23PM

Volatile Organic Compounds by EPA 8260B

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2450111-BLK1)									Prepared: 12/12/24 Analyzed: 12/13/24
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: Bromofluorobenzene	*0.586*		*0.500*		*117*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.481*		*0.500*		*96.1*	*70-130*			
Surrogate: Toluene-d8	*0.553*		*0.500*		*111*	*70-130*			
LCS (2450111-BS1)									Prepared: 12/12/24 Analyzed: 12/13/24
Benzene	2.57	0.0250	2.50		103	70-130			
Ethylbenzene	2.61	0.0250	2.50		104	70-130			
Toluene	2.57	0.0250	2.50		103	70-130			
o-Xylene	2.76	0.0250	2.50		110	70-130			
p,m-Xylene	5.48	0.0500	5.00		110	70-130			
Total Xylenes	8.24	0.0250	7.50		110	70-130			
Surrogate: Bromofluorobenzene	*0.608*		*0.500*		*122*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.473*		*0.500*		*94.6*	*70-130*			
Surrogate: Toluene-d8	*0.541*		*0.500*		*108*	*70-130*			
LCS Dup (2450111-BSD1)									Prepared: 12/12/24 Analyzed: 12/13/24
Benzene	2.35	0.0250	2.50		94.0	70-130	9.14	23	
Ethylbenzene	2.41	0.0250	2.50		96.4	70-130	7.84	27	
Toluene	2.35	0.0250	2.50		94.0	70-130	8.94	24	
o-Xylene	2.54	0.0250	2.50		101	70-130	8.36	27	
p,m-Xylene	5.04	0.0500	5.00		101	70-130	8.41	27	
Total Xylenes	7.58	0.0250	7.50		101	70-130	8.39	27	
Surrogate: Bromofluorobenzene	*0.608*		*0.500*		*122*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.473*		*0.500*		*94.6*	*70-130*			
Surrogate: Toluene-d8	*0.543*		*0.500*		*109*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:17:23PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2450111-BLK1)									Prepared: 12/12/24 Analyzed: 12/13/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.586*		*0.500*		*117*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.481*		*0.500*		*96.1*	*70-130*			
Surrogate: Toluene-d8	*0.553*		*0.500*		*111*	*70-130*			
LCS (2450111-BS2)									Prepared: 12/12/24 Analyzed: 12/13/24
Gasoline Range Organics (C6-C10)	56.2	20.0	50.0		112	70-130			
Surrogate: Bromofluorobenzene	*0.601*		*0.500*		*120*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.476*		*0.500*		*95.2*	*70-130*			
Surrogate: Toluene-d8	*0.573*		*0.500*		*115*	*70-130*			
LCS Dup (2450111-BSD2)									Prepared: 12/12/24 Analyzed: 12/13/24
Gasoline Range Organics (C6-C10)	52.9	20.0	50.0		106	70-130	5.93	20	
Surrogate: Bromofluorobenzene	*0.591*		*0.500*		*118*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.478*		*0.500*		*95.6*	*70-130*			
Surrogate: Toluene-d8	*0.560*		*0.500*		*112*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:17:23PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2450102-BLK1)									Prepared: 12/12/24 Analyzed: 12/12/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*58.0*		*50.0*		*116*	*50-200*			
LCS (2450102-BS1)									Prepared: 12/12/24 Analyzed: 12/12/24
Diesel Range Organics (C10-C28)	276	25.0	250		110	38-132			
Surrogate: n-Nonane	*57.4*		*50.0*		*115*	*50-200*			
LCS Dup (2450102-BSD1)									Prepared: 12/12/24 Analyzed: 12/13/24
Diesel Range Organics (C10-C28)	271	25.0	250		108	38-132	1.67	20	
Surrogate: n-Nonane	*58.0*		*50.0*		*116*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:17:23PM

Anions by EPA 300.0/9056A

Analyst: AK

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2450119-BLK1)									Prepared: 12/12/24 Analyzed: 12/13/24
Chloride	ND	20.0							
LCS (2450119-BS1)									Prepared: 12/12/24 Analyzed: 12/13/24
Chloride	256	20.0	250		102	90-110			
LCS Dup (2450119-BSD1)									Prepared: 12/12/24 Analyzed: 12/13/24
Chloride	257	20.0	250		103	90-110	0.420	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:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/24 12:17

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.

Released to Imaging: 7/1/2025 11:29:28 AM
Received by OCD: 6/24/2025 9:45:27 AM

Project Information

Chain of Custody

Client: Pima Environmental Services	Bill To
Project: Cotton Draw Unit #153H	Attention: Devon
Project Manager: Gio Gomez	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM. 88240	Phone:
Phone: 806-782-1151	Email:
Email: gio@pimaoil.com	Pima Project # 1-302-3
Report due by:	

Lab Use Only: Lab WO# E412096 | Job Number 01058.0007

TAT: 1D X | 2D | 3D | Standard

EPA Program: CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

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
3:22	12/11	S		LN1 - Surface	1							X		
3:24	"	"	"	LN1 - 1'	2							"		
3:30	"	"	"	LN1 - 2'	3							"		
3:34	"	"	"	LN1 - 3'	4							"		
3:36	"	"	"	LN1 - 4'	5							"		
3:39	"	"	"	LE1 - Surface	6							"		
3:50	"	"	"	LE1 - 1'	7							"		
3:56	"	"	"	LE1 - 2'	8							"		
3:59	"	"	"	LE1 - 3'	9							"		
4:00	"	"	"	LE1 - 4'	10							"		

Additional Instructions: Billing # 21165284

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Jerome Hanna			Michelle Gonzales	12.12.24	1400
Michelle Gonzales	12.12.24	1605		12.12.24	1613
	12.12.24	2243	Caitlin Mason	12.13.24	800

Lab Use Only: Received on ice: (Y) / N

T1 T2 T3

Avg Temp °C 4

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

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.

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Page 317 of 760

Released to Imaging: 7/1/2025 11:29:28 AM
Received by OCD: 6/24/2025 9:45:27 AM

Project Information | **Chain of Custody**

Client: Pima Environmental Services	Bill To
Project: Cotton Draw Unit #153H	Attention: Devon
Project Manager: Gio Gomez	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM. 88240	Phone:
Phone: 806-782-1151	Email:
Email: gio@pimaoil.com	Pima Project # 1-302-3
Report due by:	

Lab Use Only

Lab WO# E412096 | Job Number 01058.0057

TAT				EPA Program	
1D	2D	3D	Standard	CWA	SDWA
X					
					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
4:02	12/11	S		CS1-Surface	11							X		
4:07	"	"	"	CS1-6'	12									
4:10	"	"	"	CS1-2'	13									
4:12	"	"	"	CS1-3'	14									
4:15	"	"	"	CS1-4'	15									
4:17	"	"	"	LW1-Surface	16									
4:20	"	"	"	LW1-1'	17									
4:25	"	"	"	LW1-2'	18									
4:30	"	"	"	LW1-3'	19									
4:32	"	"	"	LW1-4'	20									

Additional Instructions: Billing # 21165284

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karime Adame			Michelle Gonzales	12.12.24	1400
Michelle Gonzales	12.12.24	1615		12.12.24	1615
	12.12.24	2245	Caitlin Mars	12.13.24	800

Lab Use Only
Received on ice: (Y) / N
T1 ____ T2 ____ T3 ____
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.

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Envirotech Analytical Laboratory

Printed: 12/13/2024 10:09:55AM

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:	12/13/24 08:00	Work Order ID:	E412096
Phone:	(575) 631-6977	Date Logged In:	12/12/24 14:40	Logged In By:	Caitlin Mars
Email:	gio@pimaoil.com	Due Date:	12/13/24 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	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

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

Comments/Resolution

No of containers and sampled by not provided on COC. Project Cotton Draw Unit #153H has been separated into 7 reports. WO are E412092 to E412098.

Client Instruction

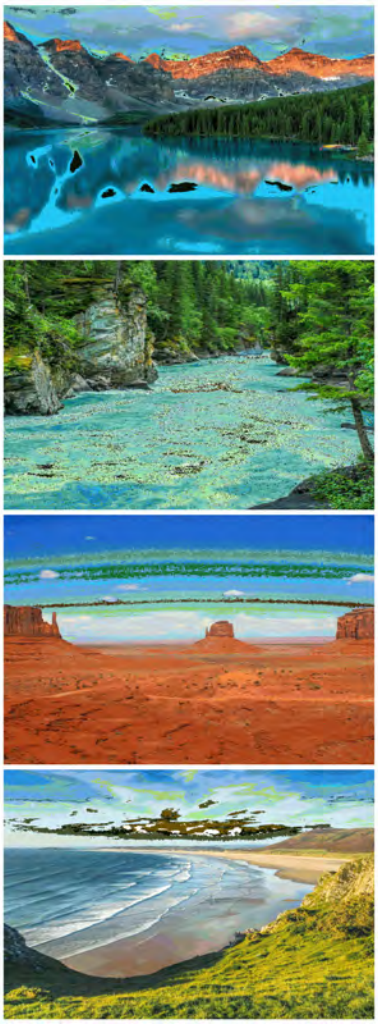
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Gio Gomez



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Cotton Draw Unit 153H
Work Order:	E412097
Job Number:	01058-0007
Received:	12/13/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
12/16/24

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: 12/16/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247

Project Name: Cotton Draw Unit 153H
Workorder: E412097
Date Received: 12/13/2024 8:00:04AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/13/2024 8:00:04AM, under the Project Name: Cotton Draw Unit 153H.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 153H 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 reguarding 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

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/24 13:34

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
L3-Surface	E412097-01A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
L3-1'	E412097-02A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
L3-2'	E412097-03A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
L3-3'	E412097-04A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
L3-4'	E412097-05A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LN3-Surface	E412097-06A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LN3-1'	E412097-07A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LN3-2'	E412097-08A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LN3-3'	E412097-09A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LN3-4'	E412097-10A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LE3-Surface	E412097-11A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LE3-1'	E412097-12A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LE3-2'	E412097-13A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LE3-3'	E412097-14A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LE3-4'	E412097-15A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LS3-Surface	E412097-16A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LS3-1'	E412097-17A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LS3-2'	E412097-18A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LS3-3'	E412097-19A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LS3-4'	E412097-20A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 1:34:46PM

L3-Surface

E412097-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2450112
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*97.7 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2450112
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.8 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450103
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*116 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450120
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 1:34:46PM

L3-1'

E412097-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2450112
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*96.7 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2450112
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.6 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450103
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*114 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450120
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 1:34:46PM

L3-2'

E412097-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2450112
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*96.0 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2450112
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.4 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450103
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*119 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450120
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 1:34:46PM

L3-3'

E412097-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2450112
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*96.5 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2450112
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.7 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450103
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*116 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450120
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 1:34:46PM

L3-4'

E412097-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2450112
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*96.3 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2450112
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.3 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450103
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*100 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450120
Chloride	**37.3**	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 1:34:46PM

LN3-Surface

E412097-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2450112
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*96.4 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2450112
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.8 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450103
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*116 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450120
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 1:34:46PM

LN3-1'

E412097-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2450112
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*95.8 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2450112
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.0 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450103
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*118 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450120
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 1:34:46PM

LN3-2'

E412097-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2450112
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*95.6 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2450112
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.8 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450103
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*117 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450120
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 1:34:46PM

LN3-3'

E412097-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2450112
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*95.4 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2450112
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.1 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450103
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*114 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450120
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 1:34:46PM

LN3-4'

E412097-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2450112
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*95.2 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2450112
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.3 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450103
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*109 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450120
Chloride	**28.8**	20.0	1	12/13/24	12/14/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 1:34:46PM

LE3-Surface

E412097-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2450112
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*94.5 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2450112
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.9 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450103
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*115 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450120
Chloride	ND	20.0	1	12/13/24	12/14/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 1:34:46PM

LE3-1'

E412097-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2450112
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*94.4 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2450112
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.3 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450103
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*116 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450120
Chloride	ND	20.0	1	12/13/24	12/14/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 1:34:46PM

LE3-2'

E412097-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2450112
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*94.2 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2450112
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.6 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450103
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*115 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450120
Chloride	ND	20.0	1	12/13/24	12/14/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 1:34:46PM

LE3-3'

E412097-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2450112
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*93.8 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2450112
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.5 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450103
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*113 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450120
Chloride	ND	20.0	1	12/13/24	12/14/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 1:34:46PM

LE3-4'

E412097-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2450112
Benzene	ND	0.0250	1	12/12/24	12/14/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/14/24	
Toluene	ND	0.0250	1	12/12/24	12/14/24	
o-Xylene	ND	0.0250	1	12/12/24	12/14/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/14/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/14/24	
Surrogate: 4-Bromochlorobenzene-PID		*94.1 %*	*70-130*	*12/12/24*	*12/14/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2450112
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.3 %*	*70-130*	*12/12/24*	*12/14/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450103
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/14/24	
Surrogate: n-Nonane		*119 %*	*50-200*	*12/12/24*	*12/14/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450120
Chloride	**67.8**	20.0	1	12/13/24	12/14/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 1:34:46PM

LS3-Surface

E412097-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2450112
Benzene	ND	0.0250	1	12/12/24	12/14/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/14/24	
Toluene	ND	0.0250	1	12/12/24	12/14/24	
o-Xylene	ND	0.0250	1	12/12/24	12/14/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/14/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/14/24	
Surrogate: 4-Bromochlorobenzene-PID		*93.4 %*	*70-130*	*12/12/24*	*12/14/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2450112
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.0 %*	*70-130*	*12/12/24*	*12/14/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450103
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/14/24	
Surrogate: n-Nonane		*115 %*	*50-200*	*12/12/24*	*12/14/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450120
Chloride	ND	20.0	1	12/13/24	12/14/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 1:34:46PM

LS3-1'

E412097-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2450112
Benzene	ND	0.0250	1	12/12/24	12/14/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/14/24	
Toluene	ND	0.0250	1	12/12/24	12/14/24	
o-Xylene	ND	0.0250	1	12/12/24	12/14/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/14/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/14/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.9 %*	*70-130*	*12/12/24*	*12/14/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2450112
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.8 %*	*70-130*	*12/12/24*	*12/14/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450103
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/14/24	
Surrogate: n-Nonane		*114 %*	*50-200*	*12/12/24*	*12/14/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450120
Chloride	ND	20.0	1	12/13/24	12/14/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 1:34:46PM

LS3-2'

E412097-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2450112
Benzene	ND	0.0250	1	12/12/24	12/14/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/14/24	
Toluene	ND	0.0250	1	12/12/24	12/14/24	
o-Xylene	ND	0.0250	1	12/12/24	12/14/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/14/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/14/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.1 %*	*70-130*	*12/12/24*	*12/14/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2450112
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.3 %*	*70-130*	*12/12/24*	*12/14/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450103
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/14/24	
Surrogate: n-Nonane		*116 %*	*50-200*	*12/12/24*	*12/14/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450120
Chloride	ND	20.0	1	12/13/24	12/14/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 1:34:46PM

LS3-3'

E412097-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2450112
Benzene	ND	0.0250	1	12/12/24	12/14/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/14/24	
Toluene	ND	0.0250	1	12/12/24	12/14/24	
o-Xylene	ND	0.0250	1	12/12/24	12/14/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/14/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/14/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.6 %*	*70-130*	*12/12/24*	*12/14/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2450112
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.7 %*	*70-130*	*12/12/24*	*12/14/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450103
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/14/24	
Surrogate: n-Nonane		*117 %*	*50-200*	*12/12/24*	*12/14/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450120
Chloride	ND	20.0	1	12/13/24	12/14/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 1:34:46PM

LS3-4'

E412097-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2450112
Benzene	ND	0.0250	1	12/12/24	12/14/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/14/24	
Toluene	ND	0.0250	1	12/12/24	12/14/24	
o-Xylene	ND	0.0250	1	12/12/24	12/14/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/14/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/14/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.1 %*	*70-130*	*12/12/24*	*12/14/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2450112
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.3 %*	*70-130*	*12/12/24*	*12/14/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450103
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/14/24	
Surrogate: n-Nonane		*111 %*	*50-200*	*12/12/24*	*12/14/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450120
Chloride	**59.9**	20.0	1	12/13/24	12/14/24	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 1:34:46PM

Volatile Organics by EPA 8021B

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 (2450112-BLK1)									Prepared: 12/12/24 Analyzed: 12/13/24
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	*7.73*		*8.00*		*96.6*	*70-130*			
LCS (2450112-BS1)									Prepared: 12/12/24 Analyzed: 12/13/24
Benzene	5.41	0.0250	5.00		108	70-130			
Ethylbenzene	5.18	0.0250	5.00		104	70-130			
Toluene	5.31	0.0250	5.00		106	70-130			
o-Xylene	5.18	0.0250	5.00		104	70-130			
p,m-Xylene	10.6	0.0500	10.0		106	70-130			
Total Xylenes	15.7	0.0250	15.0		105	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.82*		*8.00*		*97.7*	*70-130*			
LCS Dup (2450112-BSD1)									Prepared: 12/12/24 Analyzed: 12/13/24
Benzene	5.47	0.0250	5.00		109	70-130	1.04	20	
Ethylbenzene	5.23	0.0250	5.00		105	70-130	0.877	20	
Toluene	5.37	0.0250	5.00		107	70-130	1.14	20	
o-Xylene	5.24	0.0250	5.00		105	70-130	1.09	20	
p,m-Xylene	10.6	0.0500	10.0		106	70-130	0.875	20	
Total Xylenes	15.9	0.0250	15.0		106	70-130	0.946	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.66*		*8.00*		*95.7*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 1:34:46PM

Nonhalogenated Organics by EPA 8015D - GRO

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 (2450112-BLK1)									Prepared: 12/12/24 Analyzed: 12/13/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.22*		*8.00*		*90.2*	*70-130*			
LCS (2450112-BS2)									Prepared: 12/12/24 Analyzed: 12/13/24
Gasoline Range Organics (C6-C10)	45.9	20.0	50.0		91.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.47*		*8.00*		*93.4*	*70-130*			
LCS Dup (2450112-BSD2)									Prepared: 12/12/24 Analyzed: 12/13/24
Gasoline Range Organics (C6-C10)	45.8	20.0	50.0		91.6	70-130	0.253	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.38*		*8.00*		*92.3*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 1:34:46PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2450103-BLK1)									Prepared: 12/12/24 Analyzed: 12/13/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*58.0*		*50.0*		*116*	*50-200*			
LCS (2450103-BS1)									Prepared: 12/12/24 Analyzed: 12/13/24
Diesel Range Organics (C10-C28)	282	25.0	250		113	38-132			
Surrogate: n-Nonane	*59.9*		*50.0*		*120*	*50-200*			
LCS Dup (2450103-BSD1)									Prepared: 12/12/24 Analyzed: 12/13/24
Diesel Range Organics (C10-C28)	280	25.0	250		112	38-132	0.603	20	
Surrogate: n-Nonane	*60.4*		*50.0*		*121*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 1:34:46PM

Anions by EPA 300.0/9056A

Analyst: JM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2450120-BLK1)									Prepared: 12/13/24 Analyzed: 12/13/24
Chloride	ND	20.0							
LCS (2450120-BS1)									Prepared: 12/13/24 Analyzed: 12/13/24
Chloride	251	20.0	250		100	90-110			
LCS Dup (2450120-BSD1)									Prepared: 12/13/24 Analyzed: 12/13/24
Chloride	251	20.0	250		100	90-110	0.137	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:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/24 13:34

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.

Released to Imaging: 7/1/2025 11:29:28 AM
Received by OCD: 6/24/2025 9:45:27 AM

Project Information

Chain of Custody

Client: Pima Environmental Services	Bill To
Project: Cotton Draw Unit #153H	Attention: Devon
Project Manager: Gio Gomez	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 806-782-1151	Email:
Email: gio@pimaoil.com	Pima Project # 1-302-3
Report due by:	

Lab Use Only: Lab WO# E411297 — Job Number 01D0500071

TAT: 1D X | 2D | 3D | Standard

EPA Program: CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM X | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks
4:36	12/11	S		L3-Surface	1	
4:39				L3-1'	2	
4:42				L3-2	3	
4:45				L3-3'	4	
4:49				L3-4'	5	
4:56				LN3-Surface	6	
4:59				LN3-1'	7	
5:00				LN3-2'	8	
5:11				LN3-3'	9	
5:17				LN3-4'	10	

Additional Instructions: Billing# 21165284

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Corine Kourie			Michelle Gonzales	12-12-24	1400
Michelle Gonzales	12-12-24	1615		12.12.24	1615
	12.12.24	2245	Caitlin Mars	12.13.24	800

Lab Use Only — Received on Ice: (Y) / N — T1 ____ T2 ____ T3 ____ — Avg Temp °C 4

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

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

Page 350 of 760

Released to Imaging: 7/1/2025 11:29:28 AM
Received by OCD: 6/24/2025 9:45:27 AM

Project Information

Chain of Custody

Client: Pima Environmental Services	Bill To
Project: Cotton Draw Unit #153H	Attention: Devon
Project Manager: Gio Gomez	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM. 88240	Phone:
Phone: 806-782-1151	Email:
Email: gio@pimaoil.com	Pima Project # 1-302-3
Report due by:	

Lab Use Only: Lab WO# E412097 — Lab Number 61057 & 61007

TAT: 1D X | 2D | 3D | Standard

EPA Program: CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

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 X	BGDOC TX	Remarks
5:20	12/11	S		LE3 - Surface	11							X		
5:23				LE3 - 1'	12									
5:26				LE3 - 2'	13									
5:30				LE3 - 3'	14									
5:34				LE3 - 4'	15									
5:38				LS3 - Surface	16									
5:40				LS3 - 1'	17									
5:46				LS3 - 2'	18									
5:50				LS3 - 3'	19									
5:52				LS3 - 4	20									

Additional Instructions: Billing # 211652884

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karime Adame			Michelle Gonzales	12.12.24	1400
Michelle Gonzales	12.12.24	1615	[signature]	12.12.24	1615
[signature]	12.12.24	2243	Caitlin Mann	12.13.24	800

Lab Use Only — Received on ice: Y / N

T1 ____ T2 ____ T3 ____

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

Envirotech Analytical Laboratory

Printed: 12/13/2024 10:12:32AM

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:	12/13/24 08:00	Work Order ID:	E412097
Phone:	(575) 631-6977	Date Logged In:	12/12/24 14:41	Logged In By:	Caitlin Mars
Email:	gio@pimaoil.com	Due Date:	12/13/24 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	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

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

Comments/Resolution

No of containers and sampled by not provided on COC. Project Cotton Draw Unit #153H has been separated into 7 reports. WO are E412092 to E412098.

Client Instruction

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

Date

envirotech Inc.

Report to:

Gio Gomez



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Cotton Draw Unit 153H
Work Order:	E412098
Job Number:	01058-0007
Received:	12/13/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
12/16/24

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: 12/16/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247

Project Name: Cotton Draw Unit 153H
Workorder: E412098
Date Received: 12/13/2024 8:00:04AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/13/2024 8:00:04AM, under the Project Name: Cotton Draw Unit 153H.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 153H 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 reguarding 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

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/24 12:18

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
LW3-Surface	E412098-01A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LW3-1'	E412098-02A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LW3-2'	E412098-03A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LW3-3'	E412098-04A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LW3-4'	E412098-05A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
L4-Surface	E412098-06A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
L4-1'	E412098-07A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
L4-2'	E412098-08A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
L4-3'	E412098-09A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
L4-4'	E412098-10A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LN4-Surface	E412098-11A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LN4-1'	E412098-12A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LN4-2'	E412098-13A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LN4-3'	E412098-14A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LN4-4'	E412098-15A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LE4-Surface	E412098-16A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LE4-1'	E412098-17A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LE4-2'	E412098-18A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LE4-3'	E412098-19A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LE4-4'	E412098-20A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LS4-Surface	E412098-21A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LS4-1'	E412098-22A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LS4-2'	E412098-23A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LS4-3'	E412098-24A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LS4-4'	E412098-25A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LW4-Surface	E412098-26A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LW4-1'	E412098-27A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LW4-2'	E412098-28A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LW4-3'	E412098-29A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.
LW4-4'	E412098-30A	Soil	12/11/24	12/13/24	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:18:06PM

LW3-Surface

E412098-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2450113
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*86.4 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2450113
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.2 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450104
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/15/24	
Surrogate: n-Nonane		*118 %*	*50-200*	*12/12/24*	*12/15/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450121
Chloride	**34.4**	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:18:06PM

LW3-1'

E412098-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2450113
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*85.3 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2450113
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.0 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450104
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/15/24	
Surrogate: n-Nonane		*119 %*	*50-200*	*12/12/24*	*12/15/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450121
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:18:06PM

LW3-2'

E412098-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2450113
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*86.6 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2450113
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.0 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450104
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/15/24	
Surrogate: n-Nonane		*121 %*	*50-200*	*12/12/24*	*12/15/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450121
Chloride	**21.0**	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:18:06PM

LW3-3'

E412098-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2450113
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*87.4 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2450113
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.3 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450104
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/15/24	
Surrogate: n-Nonane		*124 %*	*50-200*	*12/12/24*	*12/15/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450121
Chloride	**25.0**	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:18:06PM

LW3-4'

E412098-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2450113
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*86.2 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2450113
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.2 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450104
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/15/24	
Surrogate: n-Nonane		*116 %*	*50-200*	*12/12/24*	*12/15/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450121
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:18:06PM

L4-Surface

E412098-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2450113
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*86.9 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2450113
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.2 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450104
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/15/24	
Surrogate: n-Nonane		*123 %*	*50-200*	*12/12/24*	*12/15/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450121
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:18:06PM

L4-1'

E412098-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2450113
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*86.4 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2450113
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.2 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450104
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/16/24	
Surrogate: n-Nonane		*118 %*	*50-200*	*12/12/24*	*12/16/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450121
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:18:06PM

L4-2'

E412098-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2450113
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*86.4 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2450113
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.0 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450104
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/16/24	
Surrogate: n-Nonane		*117 %*	*50-200*	*12/12/24*	*12/16/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450121
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:18:06PM

L4-3'

E412098-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2450113
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*86.7 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2450113
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.5 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450104
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/16/24	
Surrogate: n-Nonane		*123 %*	*50-200*	*12/12/24*	*12/16/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450121
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:18:06PM

L4-4'

E412098-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2450113
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*86.0 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2450113
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.2 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450104
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/16/24	
Surrogate: n-Nonane		*131 %*	*50-200*	*12/12/24*	*12/16/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450121
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:18:06PM

LN4-Surface

E412098-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2450113
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*85.8 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2450113
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.4 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450104
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/16/24	
Surrogate: n-Nonane		*122 %*	*50-200*	*12/12/24*	*12/16/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450121
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:18:06PM

LN4-1'

E412098-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2450113
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*86.4 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2450113
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.4 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450104
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/16/24	
Surrogate: n-Nonane		*122 %*	*50-200*	*12/12/24*	*12/16/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450121
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:18:06PM

LN4-2'

E412098-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2450113
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*86.1 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2450113
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.6 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450104
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/16/24	
Surrogate: n-Nonane		*121 %*	*50-200*	*12/12/24*	*12/16/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450121
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:18:06PM

LN4-3'

E412098-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2450113
Benzene	ND	0.0250	1	12/12/24	12/13/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/13/24	
Toluene	ND	0.0250	1	12/12/24	12/13/24	
o-Xylene	ND	0.0250	1	12/12/24	12/13/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/13/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*86.0 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2450113
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.4 %*	*70-130*	*12/12/24*	*12/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450104
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/16/24	
Surrogate: n-Nonane		*130 %*	*50-200*	*12/12/24*	*12/16/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450121
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:18:06PM

LN4-4'

E412098-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2450113
Benzene	ND	0.0250	1	12/12/24	12/14/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/14/24	
Toluene	ND	0.0250	1	12/12/24	12/14/24	
o-Xylene	ND	0.0250	1	12/12/24	12/14/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/14/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/14/24	
Surrogate: 4-Bromochlorobenzene-PID		*85.3 %*	*70-130*	*12/12/24*	*12/14/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2450113
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.4 %*	*70-130*	*12/12/24*	*12/14/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450104
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/16/24	
Surrogate: n-Nonane		*143 %*	*50-200*	*12/12/24*	*12/16/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450121
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:18:06PM

LE4-Surface

E412098-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2450113
Benzene	ND	0.0250	1	12/12/24	12/14/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/14/24	
Toluene	ND	0.0250	1	12/12/24	12/14/24	
o-Xylene	ND	0.0250	1	12/12/24	12/14/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/14/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/14/24	
Surrogate: 4-Bromochlorobenzene-PID		*85.1 %*	*70-130*	*12/12/24*	*12/14/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2450113
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.0 %*	*70-130*	*12/12/24*	*12/14/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450104
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/16/24	
Surrogate: n-Nonane		*131 %*	*50-200*	*12/12/24*	*12/16/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450121
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:18:06PM

LE4-1'

E412098-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2450113
Benzene	ND	0.0250	1	12/12/24	12/14/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/14/24	
Toluene	ND	0.0250	1	12/12/24	12/14/24	
o-Xylene	ND	0.0250	1	12/12/24	12/14/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/14/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/14/24	
Surrogate: 4-Bromochlorobenzene-PID		*84.2 %*	*70-130*	*12/12/24*	*12/14/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2450113
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.3 %*	*70-130*	*12/12/24*	*12/14/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450104
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/16/24	
Surrogate: n-Nonane		*134 %*	*50-200*	*12/12/24*	*12/16/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450121
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:18:06PM

LE4-2'

E412098-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2450113
Benzene	ND	0.0250	1	12/12/24	12/14/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/14/24	
Toluene	ND	0.0250	1	12/12/24	12/14/24	
o-Xylene	ND	0.0250	1	12/12/24	12/14/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/14/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/14/24	
Surrogate: 4-Bromochlorobenzene-PID		*84.8 %*	*70-130*	*12/12/24*	*12/14/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2450113
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.4 %*	*70-130*	*12/12/24*	*12/14/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450104
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/16/24	
Surrogate: n-Nonane		*127 %*	*50-200*	*12/12/24*	*12/16/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450121
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:18:06PM

LE4-3'

E412098-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2450113
Benzene	ND	0.0250	1	12/12/24	12/14/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/14/24	
Toluene	ND	0.0250	1	12/12/24	12/14/24	
o-Xylene	ND	0.0250	1	12/12/24	12/14/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/14/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/14/24	
Surrogate: 4-Bromochlorobenzene-PID		*84.2 %*	*70-130*	*12/12/24*	*12/14/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2450113
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.9 %*	*70-130*	*12/12/24*	*12/14/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450104
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/16/24	
Surrogate: n-Nonane		*123 %*	*50-200*	*12/12/24*	*12/16/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450121
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:18:06PM

LE4-4'

E412098-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2450113
Benzene	ND	0.0250	1	12/12/24	12/14/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/14/24	
Toluene	ND	0.0250	1	12/12/24	12/14/24	
o-Xylene	ND	0.0250	1	12/12/24	12/14/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/14/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/14/24	
Surrogate: 4-Bromochlorobenzene-PID		*84.1 %*	*70-130*	*12/12/24*	*12/14/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2450113
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*98.7 %*	*70-130*	*12/12/24*	*12/14/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450104
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/16/24	
Surrogate: n-Nonane		*123 %*	*50-200*	*12/12/24*	*12/16/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2450121
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:18:06PM

LS4-Surface

E412098-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2450114
Benzene	ND	0.0250	1	12/12/24	12/14/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/14/24	
Toluene	ND	0.0250	1	12/12/24	12/14/24	
o-Xylene	ND	0.0250	1	12/12/24	12/14/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/14/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/14/24	
Surrogate: Bromofluorobenzene		*120 %*	*70-130*	*12/12/24*	*12/14/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.8 %*	*70-130*	*12/12/24*	*12/14/24*	
Surrogate: Toluene-d8		*113 %*	*70-130*	*12/12/24*	*12/14/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2450114
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/14/24	
Surrogate: Bromofluorobenzene		*120 %*	*70-130*	*12/12/24*	*12/14/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.8 %*	*70-130*	*12/12/24*	*12/14/24*	
Surrogate: Toluene-d8		*113 %*	*70-130*	*12/12/24*	*12/14/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450105
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*103 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450122
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:18:06PM

LS4-1'

E412098-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2450114
Benzene	ND	0.0250	1	12/12/24	12/14/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/14/24	
Toluene	ND	0.0250	1	12/12/24	12/14/24	
o-Xylene	ND	0.0250	1	12/12/24	12/14/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/14/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/14/24	
Surrogate: Bromofluorobenzene		*118 %*	*70-130*	*12/12/24*	*12/14/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.6 %*	*70-130*	*12/12/24*	*12/14/24*	
Surrogate: Toluene-d8		*113 %*	*70-130*	*12/12/24*	*12/14/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2450114
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/14/24	
Surrogate: Bromofluorobenzene		*118 %*	*70-130*	*12/12/24*	*12/14/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.6 %*	*70-130*	*12/12/24*	*12/14/24*	
Surrogate: Toluene-d8		*113 %*	*70-130*	*12/12/24*	*12/14/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450105
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*103 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450122
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:18:06PM

LS4-2'

E412098-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2450114
Benzene	ND	0.0250	1	12/12/24	12/14/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/14/24	
Toluene	ND	0.0250	1	12/12/24	12/14/24	
o-Xylene	ND	0.0250	1	12/12/24	12/14/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/14/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/14/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*12/12/24*	*12/14/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.7 %*	*70-130*	*12/12/24*	*12/14/24*	
Surrogate: Toluene-d8		*113 %*	*70-130*	*12/12/24*	*12/14/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2450114
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/14/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*12/12/24*	*12/14/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.7 %*	*70-130*	*12/12/24*	*12/14/24*	
Surrogate: Toluene-d8		*113 %*	*70-130*	*12/12/24*	*12/14/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450105
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*108 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450122
Chloride	**118**	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:18:06PM

LS4-3'

E412098-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2450114
Benzene	ND	0.0250	1	12/12/24	12/14/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/14/24	
Toluene	ND	0.0250	1	12/12/24	12/14/24	
o-Xylene	ND	0.0250	1	12/12/24	12/14/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/14/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/14/24	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*12/12/24*	*12/14/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.4 %*	*70-130*	*12/12/24*	*12/14/24*	
Surrogate: Toluene-d8		*113 %*	*70-130*	*12/12/24*	*12/14/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2450114
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/14/24	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*12/12/24*	*12/14/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.4 %*	*70-130*	*12/12/24*	*12/14/24*	
Surrogate: Toluene-d8		*113 %*	*70-130*	*12/12/24*	*12/14/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450105
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*105 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450122
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:18:06PM

LS4-4'

E412098-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2450114
Benzene	ND	0.0250	1	12/12/24	12/14/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/14/24	
Toluene	ND	0.0250	1	12/12/24	12/14/24	
o-Xylene	ND	0.0250	1	12/12/24	12/14/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/14/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/14/24	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*12/12/24*	*12/14/24*	
Surrogate: 1,2-Dichloroethane-d4		*91.2 %*	*70-130*	*12/12/24*	*12/14/24*	
Surrogate: Toluene-d8		*116 %*	*70-130*	*12/12/24*	*12/14/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2450114
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/14/24	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*12/12/24*	*12/14/24*	
Surrogate: 1,2-Dichloroethane-d4		*91.2 %*	*70-130*	*12/12/24*	*12/14/24*	
Surrogate: Toluene-d8		*116 %*	*70-130*	*12/12/24*	*12/14/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450105
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*102 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450122
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:18:06PM

LW4-Surface

E412098-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2450114
Benzene	ND	0.0250	1	12/12/24	12/14/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/14/24	
Toluene	ND	0.0250	1	12/12/24	12/14/24	
o-Xylene	ND	0.0250	1	12/12/24	12/14/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/14/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/14/24	
Surrogate: Bromofluorobenzene		*118 %*	*70-130*	*12/12/24*	*12/14/24*	
Surrogate: 1,2-Dichloroethane-d4		*91.8 %*	*70-130*	*12/12/24*	*12/14/24*	
Surrogate: Toluene-d8		*113 %*	*70-130*	*12/12/24*	*12/14/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2450114
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/14/24	
Surrogate: Bromofluorobenzene		*118 %*	*70-130*	*12/12/24*	*12/14/24*	
Surrogate: 1,2-Dichloroethane-d4		*91.8 %*	*70-130*	*12/12/24*	*12/14/24*	
Surrogate: Toluene-d8		*113 %*	*70-130*	*12/12/24*	*12/14/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450105
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*103 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450122
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:18:06PM

LW4-1'

E412098-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2450114
Benzene	ND	0.0250	1	12/12/24	12/14/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/14/24	
Toluene	ND	0.0250	1	12/12/24	12/14/24	
o-Xylene	ND	0.0250	1	12/12/24	12/14/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/14/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/14/24	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*12/12/24*	*12/14/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.7 %*	*70-130*	*12/12/24*	*12/14/24*	
Surrogate: Toluene-d8		*114 %*	*70-130*	*12/12/24*	*12/14/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2450114
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/14/24	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*12/12/24*	*12/14/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.7 %*	*70-130*	*12/12/24*	*12/14/24*	
Surrogate: Toluene-d8		*114 %*	*70-130*	*12/12/24*	*12/14/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450105
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*107 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450122
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:18:06PM

LW4-2'

E412098-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2450114
Benzene	ND	0.0250	1	12/12/24	12/14/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/14/24	
Toluene	ND	0.0250	1	12/12/24	12/14/24	
o-Xylene	ND	0.0250	1	12/12/24	12/14/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/14/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/14/24	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*12/12/24*	*12/14/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.6 %*	*70-130*	*12/12/24*	*12/14/24*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*12/12/24*	*12/14/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2450114
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/14/24	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*12/12/24*	*12/14/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.6 %*	*70-130*	*12/12/24*	*12/14/24*	
Surrogate: Toluene-d8		*112 %*	*70-130*	*12/12/24*	*12/14/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450105
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*102 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450122
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:18:06PM

LW4-3'

E412098-29

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2450114
Benzene	ND	0.0250	1	12/12/24	12/14/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/14/24	
Toluene	ND	0.0250	1	12/12/24	12/14/24	
o-Xylene	ND	0.0250	1	12/12/24	12/14/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/14/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/14/24	
Surrogate: Bromofluorobenzene		*118 %*	*70-130*	*12/12/24*	*12/14/24*	
Surrogate: 1,2-Dichloroethane-d4		*91.1 %*	*70-130*	*12/12/24*	*12/14/24*	
Surrogate: Toluene-d8		*114 %*	*70-130*	*12/12/24*	*12/14/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2450114
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/14/24	
Surrogate: Bromofluorobenzene		*118 %*	*70-130*	*12/12/24*	*12/14/24*	
Surrogate: 1,2-Dichloroethane-d4		*91.1 %*	*70-130*	*12/12/24*	*12/14/24*	
Surrogate: Toluene-d8		*114 %*	*70-130*	*12/12/24*	*12/14/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450105
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*106 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450122
Chloride	ND	20.0	1	12/13/24	12/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:18:06PM

LW4-4'

E412098-30

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RAS			Batch: 2450114
Benzene	ND	0.0250	1	12/12/24	12/14/24	
Ethylbenzene	ND	0.0250	1	12/12/24	12/14/24	
Toluene	ND	0.0250	1	12/12/24	12/14/24	
o-Xylene	ND	0.0250	1	12/12/24	12/14/24	
p,m-Xylene	ND	0.0500	1	12/12/24	12/14/24	
Total Xylenes	ND	0.0250	1	12/12/24	12/14/24	
Surrogate: Bromofluorobenzene		*118 %*	*70-130*	*12/12/24*	*12/14/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.6 %*	*70-130*	*12/12/24*	*12/14/24*	
Surrogate: Toluene-d8		*115 %*	*70-130*	*12/12/24*	*12/14/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2450114
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/12/24	12/14/24	
Surrogate: Bromofluorobenzene		*118 %*	*70-130*	*12/12/24*	*12/14/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.6 %*	*70-130*	*12/12/24*	*12/14/24*	
Surrogate: Toluene-d8		*115 %*	*70-130*	*12/12/24*	*12/14/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2450105
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/24	12/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/24	12/13/24	
Surrogate: n-Nonane		*105 %*	*50-200*	*12/12/24*	*12/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2450122
Chloride	ND	20.0	1	12/13/24	12/13/24	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:18:06PM

Volatile Organic Compounds by EPA 8260B

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2450114-BLK1)									Prepared: 12/12/24 Analyzed: 12/13/24
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: Bromofluorobenzene	*0.585*		*0.500*		*117*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.471*		*0.500*		*94.2*	*70-130*			
Surrogate: Toluene-d8	*0.559*		*0.500*		*112*	*70-130*			
LCS (2450114-BS1)									Prepared: 12/12/24 Analyzed: 12/13/24
Benzene	2.56	0.0250	2.50		102	70-130			
Ethylbenzene	2.62	0.0250	2.50		105	70-130			
Toluene	2.62	0.0250	2.50		105	70-130			
o-Xylene	2.71	0.0250	2.50		108	70-130			
p,m-Xylene	5.40	0.0500	5.00		108	70-130			
Total Xylenes	8.11	0.0250	7.50		108	70-130			
Surrogate: Bromofluorobenzene	*0.586*		*0.500*		*117*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.482*		*0.500*		*96.4*	*70-130*			
Surrogate: Toluene-d8	*0.556*		*0.500*		*111*	*70-130*			
LCS Dup (2450114-BSD1)									Prepared: 12/12/24 Analyzed: 12/14/24
Benzene	2.59	0.0250	2.50		104	70-130	1.24	23	
Ethylbenzene	2.66	0.0250	2.50		106	70-130	1.25	27	
Toluene	2.63	0.0250	2.50		105	70-130	0.610	24	
o-Xylene	2.77	0.0250	2.50		111	70-130	2.03	27	
p,m-Xylene	5.52	0.0500	5.00		110	70-130	2.26	27	
Total Xylenes	8.29	0.0250	7.50		111	70-130	2.18	27	
Surrogate: Bromofluorobenzene	*0.596*		*0.500*		*119*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.477*		*0.500*		*95.4*	*70-130*			
Surrogate: Toluene-d8	*0.553*		*0.500*		*111*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:18:06PM

Volatile Organics by EPA 8021B

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 (2450113-BLK1)									Prepared: 12/12/24 Analyzed: 12/13/24
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	*6.92*		*8.00*		*86.5*	*70-130*			
LCS (2450113-BS1)									Prepared: 12/12/24 Analyzed: 12/13/24
Benzene	4.97	0.0250	5.00		99.3	70-130			
Ethylbenzene	4.74	0.0250	5.00		94.8	70-130			
Toluene	4.87	0.0250	5.00		97.4	70-130			
o-Xylene	4.73	0.0250	5.00		94.6	70-130			
p,m-Xylene	9.62	0.0500	10.0		96.2	70-130			
Total Xylenes	14.4	0.0250	15.0		95.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.04*		*8.00*		*88.0*	*70-130*			
LCS Dup (2450113-BSD1)									Prepared: 12/12/24 Analyzed: 12/13/24
Benzene	5.08	0.0250	5.00		102	70-130	2.32	20	
Ethylbenzene	4.85	0.0250	5.00		96.9	70-130	2.19	20	
Toluene	4.98	0.0250	5.00		99.6	70-130	2.23	20	
o-Xylene	4.83	0.0250	5.00		96.5	70-130	2.03	20	
p,m-Xylene	9.83	0.0500	10.0		98.2	70-130	2.08	20	
Total Xylenes	14.7	0.0250	15.0		97.7	70-130	2.06	20	
Surrogate: 4-Bromochlorobenzene-PID	*6.88*		*8.00*		*86.0*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:18:06PM

Nonhalogenated Organics by EPA 8015D - GRO

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 (2450113-BLK1)									Prepared: 12/12/24 Analyzed: 12/13/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.56*		*8.00*		*94.5*	*70-130*			
LCS (2450113-BS2)									Prepared: 12/12/24 Analyzed: 12/13/24
Gasoline Range Organics (C6-C10)	43.5	20.0	50.0		87.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.79*		*8.00*		*97.4*	*70-130*			
LCS Dup (2450113-BSD2)									Prepared: 12/12/24 Analyzed: 12/13/24
Gasoline Range Organics (C6-C10)	43.0	20.0	50.0		86.0	70-130	1.30	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.80*		*8.00*		*97.5*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:18:06PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2450114-BLK1)									Prepared: 12/12/24 Analyzed: 12/13/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.585*		*0.500*		*117*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.471*		*0.500*		*94.2*	*70-130*			
Surrogate: Toluene-d8	*0.559*		*0.500*		*112*	*70-130*			
LCS (2450114-BS2)									Prepared: 12/12/24 Analyzed: 12/14/24
Gasoline Range Organics (C6-C10)	49.2	20.0	50.0		98.4	70-130			
Surrogate: Bromofluorobenzene	*0.605*		*0.500*		*121*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.482*		*0.500*		*96.4*	*70-130*			
Surrogate: Toluene-d8	*0.555*		*0.500*		*111*	*70-130*			
LCS Dup (2450114-BSD2)									Prepared: 12/12/24 Analyzed: 12/14/24
Gasoline Range Organics (C6-C10)	51.3	20.0	50.0		103	70-130	4.31	20	
Surrogate: Bromofluorobenzene	*0.600*		*0.500*		*120*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.464*		*0.500*		*92.8*	*70-130*			
Surrogate: Toluene-d8	*0.553*		*0.500*		*111*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:18:06PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2450104-BLK1)									Prepared: 12/12/24 Analyzed: 12/15/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*61.1*		*50.0*		*122*	*50-200*			
LCS (2450104-BS1)									Prepared: 12/12/24 Analyzed: 12/15/24
Diesel Range Organics (C10-C28)	313	25.0	250		125	38-132			
Surrogate: n-Nonane	*65.7*		*50.0*		*131*	*50-200*			
LCS Dup (2450104-BSD1)									Prepared: 12/12/24 Analyzed: 12/15/24
Diesel Range Organics (C10-C28)	301	25.0	250		121	38-132	3.90	20	
Surrogate: n-Nonane	*61.0*		*50.0*		*122*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:18:06PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2450105-BLK1)									Prepared: 12/12/24 Analyzed: 12/13/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*52.4*		*50.0*		*105*	*50-200*			
LCS (2450105-BS1)									Prepared: 12/12/24 Analyzed: 12/13/24
Diesel Range Organics (C10-C28)	268	25.0	250		107	38-132			
Surrogate: n-Nonane	*53.9*		*50.0*		*108*	*50-200*			
LCS Dup (2450105-BSD1)									Prepared: 12/12/24 Analyzed: 12/13/24
Diesel Range Organics (C10-C28)	272	25.0	250		109	38-132	1.58	20	
Surrogate: n-Nonane	*53.7*		*50.0*		*107*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:18:06PM

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 (2450121-BLK1)									Prepared: 12/13/24 Analyzed: 12/13/24
Chloride	ND	20.0							
LCS (2450121-BS1)									Prepared: 12/13/24 Analyzed: 12/13/24
Chloride	257	20.0	250		103	90-110			
LCS Dup (2450121-BSD1)									Prepared: 12/13/24 Analyzed: 12/13/24
Chloride	257	20.0	250		103	90-110	0.0790	20	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/2024 12:18:06PM

Anions by EPA 300.0/9056A

Analyst: JM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2450122-BLK1)									Prepared: 12/13/24 Analyzed: 12/13/24
Chloride	ND	20.0							
LCS (2450122-BS1)									Prepared: 12/13/24 Analyzed: 12/13/24
Chloride	254	20.0	250		102	90-110			
LCS Dup (2450122-BSD1)									Prepared: 12/13/24 Analyzed: 12/13/24
Chloride	254	20.0	250		102	90-110	0.00590	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:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/16/24 12:18

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.

Released to Imaging: 7/1/2025 11:29:28 AM
Received by OCD: 6/24/2025 9:45:27 AM

Project Information

Chain of Custody

Client: Pima Environmental Services	Bill To
Project: Cotton Draw Unit #153H	Attention: Devon
Project Manager: Gio Gomez	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM. 88240	Phone:
Phone: 806-782-1151	Email:
Email: gio@pimaoil.com	Pima Project # 1-302-3
Report due by:	

Lab Use Only: Lab WO# E412098 Job Number 10058.0007

TAT: 1D X | 2D | 3D | Standard

EPA Program: CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM X | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks
5:58	12/11	S		LW3-Surface	1	
5:59				LW3-1'	2	
6:00				LW3-2'	3	
6:06				LW3-3'	4	
6:11				LW3-4'	5	
6:16				L4-Surface	6	
6:20				L4-1'	7	
6:24				L4-2'	8	
6:28				L4-3'	9	
6:30				L4-4'	10	

Additional Instructions: Billing # 21165284

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Carine Adame			Michelle Gonzales	12.12.24	1400
Michelle Gonzales	12.12.24	1615		12.12.24	1613
	12.12.24	2245	Caitlin Mann	12.13.24	800

Lab Use Only — Received on ice: (Y) N

T1 ____ T2 ____ T3 ____

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.

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Released to Imaging: 7/1/2025 11:29:28 AM
Received by OCD: 6/24/2025 9:45:27 AM

Project Information | **Chain of Custody**

Client: Pima Environmental Services	Bill To Attention: Devon	Lab Use Only Lab WO# E42098 Job Number 10058.0057
Project: Cotton Draw Unit #153H	Address:	
Project Manager: Gio Gomez	City, State, Zip	
Address: 5614 N. Lovington Hwy.	Phone:	
City, State, Zip Hobbs, NM. 88240	Email:	
Phone: 806-782-1151	Pima Project # 1-302-3	
Email: gio@pimaoil.com		
Report due by:		

TAT: 1D X | 2D | 3D | Standard

EPA Program: CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM X | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks
6:32	12/11	S		LN4 - Surface	11	
6:34				LN4 - 1'	12	
6:38				LN4 - 2'	13	
6:40				LN4 - 3'	14	
6:42				LN4 - 4'	15	
6:48				LE4 - Surface	16	
6:50				LE4 - 1'	17	
6:51				LE4 - 2'	18	
6:53				LE4 - 3'	19	
6:58				LE4 - 4'	20	

Additional Instructions: Billing # 216284

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Larime Adame			Michelle Gonzales	12.12.24	1400
Michelle Gonzales	12-12-24	1615		12.12.24	1613
	12.12.24	2248	Caitlin Mann	12.13.24	800

Lab Use Only — Received on ice: (Y) / N

T1: T2: T3:

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

Page 398 of 760

Released to Imaging: 7/1/2025 11:29:28 AM
Received by OCD: 6/24/2025 9:45:27 AM

Project Information

Chain of Custody

Client: Pima Environmental Services
Project: Cotton Draw Unit #153H
Project Manager: Gio Gomez
Address: 5614 N. Lovington Hwy.
City, State, Zip Hobbs, NM, 88240
Phone: 806-782-1151
Email: gio@pimaoil.com
Report due by:

Bill To
Attention: Devon
Address:
City, State, Zip
Phone:
Email:
Pima Project # 1-302-3

Lab Use Only
Lab WO# E412098 Job Number 01058-0001

TAT: 1D X | 2D | 3D | Standard
EPA Program: CWA | SDWA | RCRA
State: NM X | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM X | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks
7:00	12/11	S		LS4-Surface	21	
7:11	"	"	"	LS4-1'	22	
7:19	"	"	"	LS4-2'	23	
7:20	"	"	"	LS4-3'	24	
7:28	"	"	"	LS4-4'	25	
7:33	"	"	"	LW4-Surface	26	
7:41	"	"	"	LW4-1'	27	
7:48	"	"	"	LW4-2'	28	
7:56	"	"	"	LW4-3'	29	
8:00	"	"	"	LW4-4'	30	

Additional Instructions: Billing # 211652 84

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Jaime Adame			Michelle Gonzales	12.12.24	1400
Michelle Gonzales	12-12-24	1615		12.12.24	1615
	12.12.24	2245	Caitlin Mars	12.13.24	800

Lab Use Only
Received on ice: (Y) / N
T1: T2: T3:
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

Envirotech Analytical Laboratory

Printed: 12/13/2024 10:14:56AM

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:	12/13/24 08:00	Work Order ID:	E412098
Phone:	(575) 631-6977	Date Logged In:	12/12/24 14:41	Logged In By:	Caitlin Mars
Email:	gio@pimaoil.com	Due Date:	12/13/24 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	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

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

Comments/Resolution

No of containers and sampled by not provided on COC. Project Cotton Draw Unit #153H has been separated into 7 reports. WO are E412092 to E412098.

Client Instruction

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

Date

envirotech Inc.

Report to:

Anna Byers



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name:	Cotton Draw Unit #153H
Work Order:	E502079
Job Number:	01058-0007
Received:	2/11/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/14/25

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: 2/14/25

Anna Byers
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Cotton Draw Unit #153H
Workorder: E502079
Date Received: 2/11/2025 7:30:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/11/2025 7:30:00AM, under the Project Name: Cotton Draw Unit #153H.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit #153H 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 reguarding 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

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	02/14/25 12:33

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH01 0.5'	E502079-01A	Soil	02/05/25	02/11/25	Glass Jar, 2 oz.
BH01 1'	E502079-02A	Soil	02/05/25	02/11/25	Glass Jar, 2 oz.
BH01 2'	E502079-03A	Soil	02/05/25	02/11/25	Glass Jar, 2 oz.
BH01 3'	E502079-04A	Soil	02/05/25	02/11/25	Glass Jar, 2 oz.
BH01 4'	E502079-05A	Soil	02/05/25	02/11/25	Glass Jar, 2 oz.
BH02 0.5'	E502079-06A	Soil	02/05/25	02/11/25	Glass Jar, 2 oz.
BH02 1'	E502079-07A	Soil	02/05/25	02/11/25	Glass Jar, 2 oz.
BH02 2'	E502079-08A	Soil	02/05/25	02/11/25	Glass Jar, 2 oz.
BH02 3'	E502079-09A	Soil	02/05/25	02/11/25	Glass Jar, 2 oz.
BH02 4'	E502079-10A	Soil	02/05/25	02/11/25	Glass Jar, 2 oz.
BH03 0.5'	E502079-11A	Soil	02/05/25	02/11/25	Glass Jar, 2 oz.
BH03 1'	E502079-12A	Soil	02/05/25	02/11/25	Glass Jar, 2 oz.
BH03 2'	E502079-13A	Soil	02/05/25	02/11/25	Glass Jar, 2 oz.
BH03 3'	E502079-14A	Soil	02/05/25	02/11/25	Glass Jar, 2 oz.
BH03 4'	E502079-15A	Soil	02/05/25	02/11/25	Glass Jar, 2 oz.
BH04 0.5'	E502079-16A	Soil	02/05/25	02/11/25	Glass Jar, 2 oz.
BH04 1'	E502079-17A	Soil	02/05/25	02/11/25	Glass Jar, 2 oz.
BH04 2'	E502079-18A	Soil	02/05/25	02/11/25	Glass Jar, 2 oz.
BH04 3'	E502079-19A	Soil	02/05/25	02/11/25	Glass Jar, 2 oz.
BH04 4'	E502079-20A	Soil	02/05/25	02/11/25	Glass Jar, 2 oz.

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/14/2025 12:33:17PM

BH01 0.5'

E502079-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2507038
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*94.2 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2507038
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*94.2 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2507042
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/11/25	
Surrogate: n-Nonane		*115 %*	*61-141*	*02/11/25*	*02/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2507046
Chloride	**21.7**	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/14/2025 12:33:17PM

BH01 1'

E502079-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2507038
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*94.6 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*98.8 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2507038
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*94.6 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*98.8 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2507042
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/11/25	
Surrogate: n-Nonane		*112 %*	*61-141*	*02/11/25*	*02/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2507046
Chloride	**139**	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/14/2025 12:33:17PM

BH01 2'

E502079-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2507038
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*91.3 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2507038
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*91.3 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2507042
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/11/25	
Surrogate: n-Nonane		*113 %*	*61-141*	*02/11/25*	*02/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2507046
Chloride	**281**	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/14/2025 12:33:17PM

BH01 3'

E502079-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2507038
Benzene	ND	0.0250	1	02/11/25	02/11/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/11/25	
Toluene	ND	0.0250	1	02/11/25	02/11/25	
o-Xylene	ND	0.0250	1	02/11/25	02/11/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/11/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/11/25	
Surrogate: Bromofluorobenzene		*93.9 %*	*70-130*	*02/11/25*	*02/11/25*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*02/11/25*	*02/11/25*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*02/11/25*	*02/11/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2507038
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/11/25	
Surrogate: Bromofluorobenzene		*93.9 %*	*70-130*	*02/11/25*	*02/11/25*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*02/11/25*	*02/11/25*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*02/11/25*	*02/11/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2507042
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/11/25	
Surrogate: n-Nonane		*110 %*	*61-141*	*02/11/25*	*02/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2507046
Chloride	**397**	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/14/2025 12:33:17PM

BH01 4'

E502079-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2507038
Benzene	ND	0.0250	1	02/11/25	02/11/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/11/25	
Toluene	ND	0.0250	1	02/11/25	02/11/25	
o-Xylene	ND	0.0250	1	02/11/25	02/11/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/11/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/11/25	
Surrogate: Bromofluorobenzene		*94.3 %*	*70-130*	*02/11/25*	*02/11/25*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*02/11/25*	*02/11/25*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*02/11/25*	*02/11/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2507038
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/11/25	
Surrogate: Bromofluorobenzene		*94.3 %*	*70-130*	*02/11/25*	*02/11/25*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*02/11/25*	*02/11/25*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*02/11/25*	*02/11/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2507042
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/11/25	
Surrogate: n-Nonane		*112 %*	*61-141*	*02/11/25*	*02/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2507046
Chloride	**972**	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/14/2025 12:33:17PM

BH02 0.5'

E502079-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2507038
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*92.6 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2507038
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*92.6 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2507042
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/11/25	
Surrogate: n-Nonane		*105 %*	*61-141*	*02/11/25*	*02/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2507046
Chloride	ND	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/14/2025 12:33:17PM

BH02 1'

E502079-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2507038
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*94.9 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2507038
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*94.9 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2507042
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/11/25	
Surrogate: n-Nonane		*107 %*	*61-141*	*02/11/25*	*02/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2507046
Chloride	**45.8**	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/14/2025 12:33:17PM

BH02 2'

E502079-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2507038
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*95.1 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*98.1 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2507038
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*95.1 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*98.1 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2507042
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/11/25	
Surrogate: n-Nonane		*114 %*	*61-141*	*02/11/25*	*02/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2507046
Chloride	**89.2**	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/14/2025 12:33:17PM

BH02 3'

E502079-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2507038
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*94.6 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2507038
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*94.6 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2507042
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/11/25	
Surrogate: n-Nonane		*108 %*	*61-141*	*02/11/25*	*02/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2507046
Chloride	**381**	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/14/2025 12:33:17PM

BH02 4'

E502079-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2507038
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*93.8 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*98.9 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2507038
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*93.8 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*98.9 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2507042
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/11/25	
Surrogate: n-Nonane		*113 %*	*61-141*	*02/11/25*	*02/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2507046
Chloride	**84.5**	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/14/2025 12:33:17PM

BH03 0.5'

E502079-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2507038
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*94.0 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*99.9 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2507038
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*94.0 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*99.9 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2507042
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/11/25	
Surrogate: n-Nonane		*106 %*	*61-141*	*02/11/25*	*02/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2507046
Chloride	**42.5**	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/14/2025 12:33:17PM

BH03 1'

E502079-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2507038
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*93.9 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*96.5 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2507038
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*93.9 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*96.5 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2507042
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/11/25	
Surrogate: n-Nonane		*105 %*	*61-141*	*02/11/25*	*02/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2507046
Chloride	**191**	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/14/2025 12:33:17PM

BH03 2'

E502079-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2507038
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*93.0 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*98.4 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2507038
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*93.0 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*98.4 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2507042
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/11/25	
Surrogate: n-Nonane		*109 %*	*61-141*	*02/11/25*	*02/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2507046
Chloride	ND	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/14/2025 12:33:17PM

BH03 3'

E502079-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2507038
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*93.7 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*97.5 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2507038
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*93.7 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*97.5 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2507042
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/11/25	
Surrogate: n-Nonane		*109 %*	*61-141*	*02/11/25*	*02/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2507046
Chloride	**602**	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/14/2025 12:33:17PM

BH03 4'

E502079-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2507038
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*93.1 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*99.3 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2507038
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*93.1 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*99.3 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2507042
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/11/25	
Surrogate: n-Nonane		*109 %*	*61-141*	*02/11/25*	*02/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2507046
Chloride	**41.7**	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/14/2025 12:33:17PM

BH04 0.5'

E502079-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2507038
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*93.9 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2507038
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*93.9 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2507042
Diesel Range Organics (C10-C28)	**66.6**	25.0	1	02/11/25	02/11/25	
Oil Range Organics (C28-C36)	**64.1**	50.0	1	02/11/25	02/11/25	
Surrogate: n-Nonane		*110 %*	*61-141*	*02/11/25*	*02/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2507046
Chloride	**38.2**	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/14/2025 12:33:17PM

BH04 1'

E502079-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2507038
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*91.6 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2507038
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*91.6 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2507042
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/11/25	
Surrogate: n-Nonane		*112 %*	*61-141*	*02/11/25*	*02/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2507046
Chloride	**199**	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/14/2025 12:33:17PM

BH04 2'

E502079-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2507038
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*93.4 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*99.5 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2507038
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*93.4 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*99.5 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2507042
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/11/25	
Surrogate: n-Nonane		*110 %*	*61-141*	*02/11/25*	*02/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2507046
Chloride	**200**	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/14/2025 12:33:17PM

BH04 3'

E502079-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2507038
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*93.9 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2507038
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*93.9 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2507042
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/11/25	
Surrogate: n-Nonane		*110 %*	*61-141*	*02/11/25*	*02/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2507046
Chloride	**198**	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/14/2025 12:33:17PM

BH04 4'

E502079-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2507038
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*93.0 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2507038
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*93.0 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2507042
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*110 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2507046
Chloride	**21.1**	20.0	1	02/11/25	02/12/25	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	2/14/2025 12:33:17PM

Volatile Organic Compounds by EPA 8260B

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 (2507038-BLK1)									Prepared: 02/11/25 Analyzed: 02/11/25
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: Bromofluorobenzene	*0.478*		*0.500*		*95.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.533*		*0.500*		*107*	*70-130*			
Surrogate: Toluene-d8	*0.504*		*0.500*		*101*	*70-130*			
LCS (2507038-BS1)									Prepared: 02/11/25 Analyzed: 02/11/25
Benzene	2.17	0.0250	2.50		86.7	70-130			
Ethylbenzene	2.19	0.0250	2.50		87.7	70-130			
Toluene	2.22	0.0250	2.50		89.0	70-130			
o-Xylene	2.21	0.0250	2.50		88.4	70-130			
p,m-Xylene	4.38	0.0500	5.00		87.6	70-130			
Total Xylenes	6.59	0.0250	7.50		87.9	70-130			
Surrogate: Bromofluorobenzene	*0.470*		*0.500*		*93.9*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.534*		*0.500*		*107*	*70-130*			
Surrogate: Toluene-d8	*0.503*		*0.500*		*101*	*70-130*			
Matrix Spike (2507038-MS1)				**Source: E502079-04**					Prepared: 02/11/25 Analyzed: 02/11/25
Benzene	2.22	0.0250	2.50	ND	88.7	48-131			
Ethylbenzene	2.22	0.0250	2.50	ND	88.9	45-135			
Toluene	2.24	0.0250	2.50	ND	89.7	48-130			
o-Xylene	2.32	0.0250	2.50	ND	92.6	43-135			
p,m-Xylene	4.56	0.0500	5.00	ND	91.2	43-135			
Total Xylenes	6.88	0.0250	7.50	ND	91.7	43-135			
Surrogate: Bromofluorobenzene	*0.472*		*0.500*		*94.4*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.532*		*0.500*		*106*	*70-130*			
Surrogate: Toluene-d8	*0.502*		*0.500*		*100*	*70-130*			
Matrix Spike Dup (2507038-MSD1)				**Source: E502079-04**					Prepared: 02/11/25 Analyzed: 02/11/25
Benzene	2.27	0.0250	2.50	ND	90.8	48-131	2.36	23	
Ethylbenzene	2.31	0.0250	2.50	ND	92.5	45-135	4.03	27	
Toluene	2.30	0.0250	2.50	ND	92.2	48-130	2.70	24	
o-Xylene	2.42	0.0250	2.50	ND	96.6	43-135	4.21	27	
p,m-Xylene	4.77	0.0500	5.00	ND	95.4	43-135	4.50	27	
Total Xylenes	7.19	0.0250	7.50	ND	95.8	43-135	4.40	27	
Surrogate: Bromofluorobenzene	*0.481*		*0.500*		*96.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.528*		*0.500*		*106*	*70-130*			
Surrogate: Toluene-d8	*0.504*		*0.500*		*101*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	2/14/2025 12:33:17PM

Nonhalogenated Organics by EPA 8015D - GRO

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 (2507038-BLK1)									Prepared: 02/11/25 Analyzed: 02/11/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.478*		*0.500*		*95.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.533*		*0.500*		*107*	*70-130*			
Surrogate: Toluene-d8	*0.504*		*0.500*		*101*	*70-130*			
LCS (2507038-BS2)									Prepared: 02/11/25 Analyzed: 02/11/25
Gasoline Range Organics (C6-C10)	53.0	20.0	50.0		106	70-130			
Surrogate: Bromofluorobenzene	*0.472*		*0.500*		*94.4*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.519*		*0.500*		*104*	*70-130*			
Surrogate: Toluene-d8	*0.519*		*0.500*		*104*	*70-130*			
Matrix Spike (2507038-MS2)				**Source: E502079-04**					Prepared: 02/11/25 Analyzed: 02/12/25
Gasoline Range Organics (C6-C10)	49.8	20.0	50.0	ND	99.5	70-130			
Surrogate: Bromofluorobenzene	*0.476*		*0.500*		*95.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.485*		*0.500*		*96.9*	*70-130*			
Surrogate: Toluene-d8	*0.511*		*0.500*		*102*	*70-130*			
Matrix Spike Dup (2507038-MSD2)				**Source: E502079-04**					Prepared: 02/11/25 Analyzed: 02/12/25
Gasoline Range Organics (C6-C10)	49.9	20.0	50.0	ND	99.8	70-130	0.258	20	
Surrogate: Bromofluorobenzene	*0.465*		*0.500*		*93.0*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.508*		*0.500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.519*		*0.500*		*104*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	2/14/2025 12:33:17PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2507042-BLK1)									Prepared: 02/11/25 Analyzed: 02/11/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*52.9*		*50.0*		*106*	*61-141*			
LCS (2507042-BS1)									Prepared: 02/11/25 Analyzed: 02/11/25
Diesel Range Organics (C10-C28)	274	25.0	250		110	66-144			
Surrogate: n-Nonane	*53.9*		*50.0*		*108*	*61-141*			
Matrix Spike (2507042-MS1)				**Source: E502079-08**					Prepared: 02/11/25 Analyzed: 02/11/25
Diesel Range Organics (C10-C28)	298	25.0	250	ND	119	56-156			
Surrogate: n-Nonane	*58.4*		*50.0*		*117*	*61-141*			
Matrix Spike Dup (2507042-MSD1)				**Source: E502079-08**					Prepared: 02/11/25 Analyzed: 02/11/25
Diesel Range Organics (C10-C28)	291	25.0	250	ND	116	56-156	2.63	20	
Surrogate: n-Nonane	*57.2*		*50.0*		*114*	*61-141*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	2/14/2025 12:33:17PM

Anions by EPA 300.0/9056A

Analyst: AK

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2507046-BLK1)									Prepared: 02/11/25 Analyzed: 02/11/25
Chloride	ND	20.0							
LCS (2507046-BS1)									Prepared: 02/11/25 Analyzed: 02/11/25
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2507046-MS1)				**Source: E502079-05**					Prepared: 02/11/25 Analyzed: 02/11/25
Chloride	1230	20.0	250	972	105	80-120			
Matrix Spike Dup (2507046-MSD1)				**Source: E502079-05**					Prepared: 02/11/25 Analyzed: 02/11/25
Chloride	1240	20.0	250	972	107	80-120	0.418	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

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	02/14/25 12:33

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.

Released to Imaging: 7/1/2025 11:29:28 AM

Received by OCD: 6/24/2025 9:45:27 AM

Project Information | Chain of Custody | Page 1 of 10

| | | |

Released to Imaging: 7/1/2025 11:29:28 AM
Received by OCD: 6/24/2025 9:45:27 AM

Project Information | Chain of Custody | Page __2__ of __10__

| | | |

Envirotech Analytical Laboratory

Printed: 2/11/2025 10:00:08AM

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:	Devon Energy - Carlsbad	Date Received:	02/11/25 07:30	Work Order ID:	E502079
Phone:	(575) 748-0176	Date Logged In:	02/11/25 07:59	Logged In By:	Caitlin Mars
Email:	anna@etechenv.com	Due Date:	02/17/25 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	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

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

Comments/Resolution

Project Cotton Draw Unit #153H Has been separated into 5 reports due to sample volume. WOs are E502079 to E502083.

Client Instruction

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

Date

envirotech Inc.

Report to:

Anna Byers









5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name:	Cotton Draw Unit #153H
Work Order:	E502080
Job Number:	01058-0007
Received:	2/11/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/14/25

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: 2/14/25

Anna Byers
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Cotton Draw Unit #153H
Workorder: E502080
Date Received: 2/11/2025 7:30:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/11/2025 7:30:00AM, under the Project Name: Cotton Draw Unit #153H.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit #153H 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 reguarding 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

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	02/14/25 12:25

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH05 0.5'	E502080-01A	Soil	02/06/25	02/11/25	Glass Jar, 2 oz.
BH05 1'	E502080-02A	Soil	02/06/25	02/11/25	Glass Jar, 2 oz.
BH05 2'	E502080-03A	Soil	02/06/25	02/11/25	Glass Jar, 2 oz.
BH05 3'	E502080-04A	Soil	02/06/25	02/11/25	Glass Jar, 2 oz.
BH05 4'	E502080-05A	Soil	02/06/25	02/11/25	Glass Jar, 2 oz.
BH06 0.5'	E502080-06A	Soil	02/06/25	02/11/25	Glass Jar, 2 oz.
BH06 1'	E502080-07A	Soil	02/06/25	02/11/25	Glass Jar, 2 oz.
BH06 2'	E502080-08A	Soil	02/06/25	02/11/25	Glass Jar, 2 oz.
BH06 3'	E502080-09A	Soil	02/06/25	02/11/25	Glass Jar, 2 oz.
BH06 4'	E502080-10A	Soil	02/06/25	02/11/25	Glass Jar, 2 oz.
BH07 0.5'	E502080-11A	Soil	02/06/25	02/11/25	Glass Jar, 2 oz.
BH07 1'	E502080-12A	Soil	02/06/25	02/11/25	Glass Jar, 2 oz.
BH07 2'	E502080-13A	Soil	02/06/25	02/11/25	Glass Jar, 2 oz.
BH07 3'	E502080-14A	Soil	02/06/25	02/11/25	Glass Jar, 2 oz.
BH07 4'	E502080-15A	Soil	02/06/25	02/11/25	Glass Jar, 2 oz.
BH08 0.5'	E502080-16A	Soil	02/06/25	02/11/25	Glass Jar, 2 oz.
BH08 1'	E502080-17A	Soil	02/06/25	02/11/25	Glass Jar, 2 oz.
BH08 2'	E502080-18A	Soil	02/06/25	02/11/25	Glass Jar, 2 oz.
BH08 3'	E502080-19A	Soil	02/06/25	02/11/25	Glass Jar, 2 oz.
BH08 4'	E502080-20A	Soil	02/06/25	02/11/25	Glass Jar, 2 oz.

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/14/2025 12:25:35PM

BH05 0.5'

E502080-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: SL			Batch: 2507039
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*98.2 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2507039
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*98.2 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2507045
Diesel Range Organics (C10-C28)	**76.4**	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	**71.6**	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*107 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2507053
Chloride	**36.6**	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/14/2025 12:25:35PM

BH05 1'

E502080-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: SL			Batch: 2507039
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2507039
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2507045
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*109 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2507053
Chloride	**129**	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/14/2025 12:25:35PM

BH05 2'

E502080-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: SL			Batch: 2507039
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2507039
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2507045
Diesel Range Organics (C10-C28)	**26.4**	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*109 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2507053
Chloride	ND	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/14/2025 12:25:35PM

BH05 3'

E502080-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: SL			Batch: 2507039
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2507039
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2507045
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*106 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2507053
Chloride	**20.4**	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/14/2025 12:25:35PM

BH05 4'

E502080-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: SL			Batch: 2507039
Benzene	ND	0.0250	1	02/11/25	02/11/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/11/25	
Toluene	ND	0.0250	1	02/11/25	02/11/25	
o-Xylene	ND	0.0250	1	02/11/25	02/11/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/11/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/11/25	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*02/11/25*	*02/11/25*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*02/11/25*	*02/11/25*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*02/11/25*	*02/11/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2507039
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/11/25	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*02/11/25*	*02/11/25*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*02/11/25*	*02/11/25*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*02/11/25*	*02/11/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2507045
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*107 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2507053
Chloride	**21.4**	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/14/2025 12:25:35PM

BH06 0.5'

E502080-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: SL			Batch: 2507039
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2507039
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2507045
Diesel Range Organics (C10-C28)	**58.9**	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	**54.9**	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*107 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2507053
Chloride	**39.0**	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/14/2025 12:25:35PM

BH06 1'

E502080-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: SL			Batch: 2507039
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2507039
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2507045
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*109 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2507053
Chloride	**134**	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/14/2025 12:25:35PM

BH06 2'

E502080-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: SL			Batch: 2507039
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2507039
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2507045
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*110 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2507053
Chloride	ND	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/14/2025 12:25:35PM

BH06 3'

E502080-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: SL			Batch: 2507039
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2507039
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2507045
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*124 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2507053
Chloride	**23.5**	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/14/2025 12:25:35PM

BH06 4'

E502080-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: SL			Batch: 2507039
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2507039
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2507045
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*116 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2507053
Chloride	**234**	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/14/2025 12:25:35PM

BH07 0.5'

E502080-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: SL			Batch: 2507039
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2507039
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2507045
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*118 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2507053
Chloride	ND	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/14/2025 12:25:35PM

BH07 1'

E502080-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: SL			Batch: 2507039
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*98.6 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2507039
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*98.6 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2507045
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*120 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2507053
Chloride	**130**	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/14/2025 12:25:35PM

BH07 2'

E502080-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: SL			Batch: 2507039
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*99.7 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2507039
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*99.7 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2507045
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*113 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2507053
Chloride	**266**	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/14/2025 12:25:35PM

BH07 3'

E502080-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: SL			Batch: 2507039
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2507039
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2507045
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*117 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2507053
Chloride	**20.7**	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/14/2025 12:25:35PM

BH07 4'

E502080-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: SL			Batch: 2507039
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*99.9 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2507039
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*99.9 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2507045
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*120 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2507053
Chloride	**22.2**	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/14/2025 12:25:35PM

BH08 0.5'

E502080-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: SL			Batch: 2507039
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2507039
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2507045
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*115 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2507053
Chloride	ND	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/14/2025 12:25:35PM

BH08 1'

E502080-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: SL			Batch: 2507039
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*97.0 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2507039
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*97.0 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2507045
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*116 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2507053
Chloride	**134**	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/14/2025 12:25:35PM

BH08 2'

E502080-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: SL			Batch: 2507039
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*97.6 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2507039
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*97.6 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2507045
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*114 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2507053
Chloride	**266**	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/14/2025 12:25:35PM

BH08 3'

E502080-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: SL			Batch: 2507039
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2507039
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2507045
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*114 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2507053
Chloride	**20.0**	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/14/2025 12:25:35PM

BH08 4'

E502080-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: SL			Batch: 2507039
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*99.2 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2507039
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*99.2 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2507045
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*115 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2507053
Chloride	**21.2**	20.0	1	02/11/25	02/11/25	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	2/14/2025 12:25:35PM

Volatile Organic Compounds by EPA 8260B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2507039-BLK1)									Prepared: 02/11/25 Analyzed: 02/11/25
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: Bromofluorobenzene	*0.504*		*0.500*		*101*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.522*		*0.500*		*104*	*70-130*			
Surrogate: Toluene-d8	*0.524*		*0.500*		*105*	*70-130*			
LCS (2507039-BS1)									Prepared: 02/11/25 Analyzed: 02/11/25
Benzene	2.46	0.0250	2.50		98.2	70-130			
Ethylbenzene	2.48	0.0250	2.50		99.3	70-130			
Toluene	2.60	0.0250	2.50		104	70-130			
o-Xylene	2.45	0.0250	2.50		98.0	70-130			
p,m-Xylene	5.11	0.0500	5.00		102	70-130			
Total Xylenes	7.56	0.0250	7.50		101	70-130			
Surrogate: Bromofluorobenzene	*0.487*		*0.500*		*97.3*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.534*		*0.500*		*107*	*70-130*			
Surrogate: Toluene-d8	*0.514*		*0.500*		*103*	*70-130*			
Matrix Spike (2507039-MS1)				**Source: E502080-05**					Prepared: 02/11/25 Analyzed: 02/11/25
Benzene	2.36	0.0250	2.50	ND	94.6	48-131			
Ethylbenzene	2.41	0.0250	2.50	ND	96.5	45-135			
Toluene	2.54	0.0250	2.50	ND	102	48-130			
o-Xylene	2.39	0.0250	2.50	ND	95.4	43-135			
p,m-Xylene	4.99	0.0500	5.00	ND	99.8	43-135			
Total Xylenes	7.38	0.0250	7.50	ND	98.3	43-135			
Surrogate: Bromofluorobenzene	*0.492*		*0.500*		*98.3*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.522*		*0.500*		*104*	*70-130*			
Surrogate: Toluene-d8	*0.520*		*0.500*		*104*	*70-130*			
Matrix Spike Dup (2507039-MSD1)				**Source: E502080-05**					Prepared: 02/11/25 Analyzed: 02/11/25
Benzene	2.44	0.0250	2.50	ND	97.6	48-131	3.18	23	
Ethylbenzene	2.47	0.0250	2.50	ND	98.6	45-135	2.17	27	
Toluene	2.57	0.0250	2.50	ND	103	48-130	1.11	24	
o-Xylene	2.49	0.0250	2.50	ND	99.5	43-135	4.15	27	
p,m-Xylene	5.18	0.0500	5.00	ND	104	43-135	3.82	27	
Total Xylenes	7.67	0.0250	7.50	ND	102	43-135	3.93	27	
Surrogate: Bromofluorobenzene	*0.498*		*0.500*		*99.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.540*		*0.500*		*108*	*70-130*			
Surrogate: Toluene-d8	*0.512*		*0.500*		*102*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	2/14/2025 12:25:35PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2507039-BLK1)									Prepared: 02/11/25 Analyzed: 02/11/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.504*		*0.500*		*101*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.522*		*0.500*		*104*	*70-130*			
Surrogate: Toluene-d8	*0.524*		*0.500*		*105*	*70-130*			
LCS (2507039-BS2)									Prepared: 02/11/25 Analyzed: 02/11/25
Gasoline Range Organics (C6-C10)	54.5	20.0	50.0		109	70-130			
Surrogate: Bromofluorobenzene	*0.528*		*0.500*		*106*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.507*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.532*		*0.500*		*106*	*70-130*			
Matrix Spike (2507039-MS2)				**Source: E502080-05**					Prepared: 02/11/25 Analyzed: 02/11/25
Gasoline Range Organics (C6-C10)	52.6	20.0	50.0	ND	105	70-130			
Surrogate: Bromofluorobenzene	*0.530*		*0.500*		*106*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.513*		*0.500*		*103*	*70-130*			
Surrogate: Toluene-d8	*0.527*		*0.500*		*105*	*70-130*			
Matrix Spike Dup (2507039-MSD2)				**Source: E502080-05**					Prepared: 02/11/25 Analyzed: 02/12/25
Gasoline Range Organics (C6-C10)	51.3	20.0	50.0	ND	103	70-130	2.55	20	
Surrogate: Bromofluorobenzene	*0.529*		*0.500*		*106*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.526*		*0.500*		*105*	*70-130*			
Surrogate: Toluene-d8	*0.525*		*0.500*		*105*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	2/14/2025 12:25:35PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2507045-BLK1)									Prepared: 02/11/25 Analyzed: 02/12/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*56.7*		*50.0*		*113*	*61-141*			
LCS (2507045-BS1)									Prepared: 02/11/25 Analyzed: 02/12/25
Diesel Range Organics (C10-C28)	292	25.0	250		117	66-144			
Surrogate: n-Nonane	*57.0*		*50.0*		*114*	*61-141*			
Matrix Spike (2507045-MS1)				**Source: E502080-13**					Prepared: 02/11/25 Analyzed: 02/12/25
Diesel Range Organics (C10-C28)	291	25.0	250	ND	116	56-156			
Surrogate: n-Nonane	*55.0*		*50.0*		*110*	*61-141*			
Matrix Spike Dup (2507045-MSD1)				**Source: E502080-13**					Prepared: 02/11/25 Analyzed: 02/12/25
Diesel Range Organics (C10-C28)	291	25.0	250	ND	116	56-156	0.0453	20	
Surrogate: n-Nonane	*55.9*		*50.0*		*112*	*61-141*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	2/14/2025 12:25:35PM

Anions by EPA 300.0/9056A

Analyst: JM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2507053-BLK1)									Prepared: 02/11/25 Analyzed: 02/11/25
Chloride	ND	20.0							
LCS (2507053-BS1)									Prepared: 02/11/25 Analyzed: 02/11/25
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2507053-MS1)				**Source: E502080-10**					Prepared: 02/11/25 Analyzed: 02/11/25
Chloride	490	20.0	250	234	103	80-120			
Matrix Spike Dup (2507053-MSD1)				**Source: E502080-10**					Prepared: 02/11/25 Analyzed: 02/11/25
Chloride	491	20.0	250	234	103	80-120	0.166	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

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	02/14/25 12:25

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.

Released to Imaging: 7/1/2025 11:29:28 AM
Received by OCD: 6/24/2025 9:45:27 AM

Project Information | Chain of Custody | Page 3 of 10

| | | |

Released to Imaging: 7/1/2025 11:29:28 AM
Received by OCD: 6/24/2025 9:45:27 AM

Project Information | Chain of Custody | Page __4__ of __10__

Client: Devon Energy	Bill To	Lab Use Only	TAT / EPA Program
Project: Cotton Draw Unit #153H	Attention: Jim Raley	Lab WO# E502080	Job Number 01058.0007
Project Manager: Anna Byers	Address: 5315 Buena Vista Dr.	1D 2D 3D Standard: 5 day TAT	CWA / SDWA / RCRA
Address: 13000 W County Rd 100	City, State, Zip: Carlsbad, NM, 88220		
City, State, Zip_Odessa,TX, 79765	Phone: 575-885-7502		
Phone: (432) 305-6415	Email: jim.raley@dvn.com		
Email: Devon-team@etechenv.com	WO: 21494799		
Project #: 21772	Incident ID: NAB1911658680		
Collected by: Edyte Konan			

Analysis and Method: Depth(ft.) | TPH GRO/DRO/ORO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | GDOC TX

State: NM | CO | UT | AZ | TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Depth(ft.)	BGDOC NM	GDOC TX	Remarks
11:50	02.06.25	S	1	BH07	11	0.5'	X		
12:00	02.06.25	S	1	BH07	12	1'	X		
12:10	02.06.25	S	1	BH07	13	2'	X		
12:20	02.06.25	S	1	BH07	14	3'	X		
12:30	02.06.25	S	1	BH07	15	4'	X		
12:40	02.06.25	S	1	BH08	16	0.5'	X		
12:50	02.06.25	S	1	BH08	17	1'	X		
13:00	02.06.25	S	1	BH08	18	2'	X		
13:10	02.06.25	S	1	BH08	19	3'	X		
13:20	02.06.25	S	1	BH08	20	4'	X		

Additional Instructions:

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

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
~~Kyle~~	02/10/25	8:00	Michelle Gonzales	2-10-25	0800
Michelle Gonzales	2-10-25	1630	Caitlin Mann	2.11.25	730
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only — Received on ice: (Y) / N

T1 _____ T2 _____ T3 _____

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

Envirotech Analytical Laboratory

Printed: 2/11/2025 10:04:53AM

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:	Devon Energy - Carlsbad	Date Received:	02/11/25 07:30	Work Order ID:	E502080
Phone:	(575) 748-0176	Date Logged In:	02/11/25 08:04	Logged In By:	Caitlin Mars
Email:	anna@etechenv.com	Due Date:	02/17/25 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?	Yes
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes

Carrier: Courier

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

Comments/Resolution

Project Cotton Draw Unit #153H Has been separated into 5 reports due to sample volume. WOs are E502079 to E502083.

Client Instruction

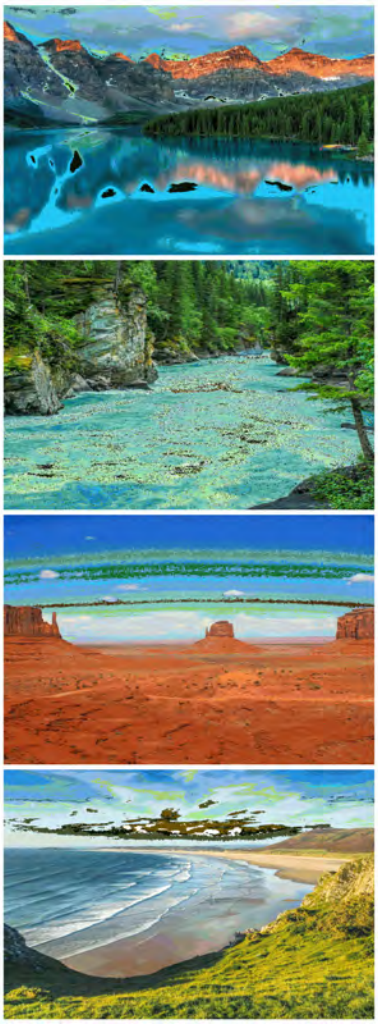
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Anna Byers



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name:	Cotton Draw Unit #153H
Work Order:	E502081
Job Number:	01058-0007
Received:	2/11/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/17/25

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.
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Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 2/17/25

Anna Byers
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Cotton Draw Unit #153H
Workorder: E502081
Date Received: 2/11/2025 7:30:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/11/2025 7:30:00AM, under the Project Name: Cotton Draw Unit #153H.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit #153H 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 reguarding 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

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	02/17/25 10:07

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH09 0.5'	E502081-01A	Soil	02/06/25	02/11/25	Glass Jar, 2 oz.
BH09 1'	E502081-02A	Soil	02/06/25	02/11/25	Glass Jar, 2 oz.
BH09 2'	E502081-03A	Soil	02/06/25	02/11/25	Glass Jar, 2 oz.
BH09 3'	E502081-04A	Soil	02/06/25	02/11/25	Glass Jar, 2 oz.
BH09 4'	E502081-05A	Soil	02/06/25	02/11/25	Glass Jar, 2 oz.
BH10 0.5'	E502081-06A	Soil	02/06/25	02/11/25	Glass Jar, 2 oz.
BH10 1'	E502081-07A	Soil	02/06/25	02/11/25	Glass Jar, 2 oz.
BH10 2'	E502081-08A	Soil	02/06/25	02/11/25	Glass Jar, 2 oz.
BH10 3'	E502081-09A	Soil	02/06/25	02/11/25	Glass Jar, 2 oz.
BH10 4'	E502081-10A	Soil	02/06/25	02/11/25	Glass Jar, 2 oz.
BH11 0.5'	E502081-11A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH11 1'	E502081-12A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH11 2'	E502081-13A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH11 3'	E502081-14A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH11 4'	E502081-15A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH12 0.5'	E502081-16A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH12 1'	E502081-17A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH12 2'	E502081-18A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH12 3'	E502081-19A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH12 4'	E502081-20A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:07:04AM

BH09 0.5'

E502081-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2507040
Benzene	ND	0.0250	1	02/11/25	02/14/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/14/25	
Toluene	ND	0.0250	1	02/11/25	02/14/25	
o-Xylene	ND	0.0250	1	02/11/25	02/14/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/14/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/14/25	
Surrogate: 4-Bromochlorobenzene-PID		*87.9 %*	*70-130*	*02/11/25*	*02/14/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2507040
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.9 %*	*70-130*	*02/11/25*	*02/14/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507050
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/11/25	
Surrogate: n-Nonane		*116 %*	*61-141*	*02/11/25*	*02/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2507054
Chloride	**40.4**	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:07:04AM

BH09 1'

E502081-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2507040
Benzene	ND	0.0250	1	02/11/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/13/25	
Toluene	ND	0.0250	1	02/11/25	02/13/25	
o-Xylene	ND	0.0250	1	02/11/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*81.3 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2507040
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*98.7 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507050
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/11/25	
Surrogate: n-Nonane		*115 %*	*61-141*	*02/11/25*	*02/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2507054
Chloride	**141**	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:07:04AM

BH09 2'

E502081-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2507040
Benzene	ND	0.0250	1	02/11/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/13/25	
Toluene	ND	0.0250	1	02/11/25	02/13/25	
o-Xylene	ND	0.0250	1	02/11/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*83.7 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2507040
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*98.0 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507050
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/11/25	
Surrogate: n-Nonane		*116 %*	*61-141*	*02/11/25*	*02/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2507054
Chloride	**284**	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:07:04AM

BH09 3'

E502081-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2507040
Benzene	ND	0.0250	1	02/11/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/13/25	
Toluene	ND	0.0250	1	02/11/25	02/13/25	
o-Xylene	ND	0.0250	1	02/11/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*84.9 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2507040
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.7 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507050
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/11/25	
Surrogate: n-Nonane		*112 %*	*61-141*	*02/11/25*	*02/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2507054
Chloride	ND	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:07:04AM

BH09 4'

E502081-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2507040
Benzene	ND	0.0250	1	02/11/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/13/25	
Toluene	ND	0.0250	1	02/11/25	02/13/25	
o-Xylene	ND	0.0250	1	02/11/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*86.6 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2507040
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.4 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507050
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/11/25	
Surrogate: n-Nonane		*107 %*	*61-141*	*02/11/25*	*02/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2507054
Chloride	ND	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:07:04AM

BH10 0.5'

E502081-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2507040
Benzene	ND	0.0250	1	02/11/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/13/25	
Toluene	ND	0.0250	1	02/11/25	02/13/25	
o-Xylene	ND	0.0250	1	02/11/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*86.7 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2507040
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.9 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507050
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/11/25	
Surrogate: n-Nonane		*109 %*	*61-141*	*02/11/25*	*02/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2507054
Chloride	**41.3**	20.0	1	02/11/25	02/12/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:07:04AM

BH10 1'

E502081-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2507040
Benzene	ND	0.0250	1	02/11/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/13/25	
Toluene	ND	0.0250	1	02/11/25	02/13/25	
o-Xylene	ND	0.0250	1	02/11/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*87.4 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2507040
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.8 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507050
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/11/25	
Surrogate: n-Nonane		*110 %*	*61-141*	*02/11/25*	*02/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2507054
Chloride	**147**	20.0	1	02/11/25	02/12/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:07:04AM

BH10 2'

E502081-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2507040
Benzene	ND	0.0250	1	02/11/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/13/25	
Toluene	ND	0.0250	1	02/11/25	02/13/25	
o-Xylene	ND	0.0250	1	02/11/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*87.5 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2507040
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.1 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507050
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/11/25	
Surrogate: n-Nonane		*114 %*	*61-141*	*02/11/25*	*02/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2507054
Chloride	**268**	20.0	1	02/11/25	02/12/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:07:04AM

BH10 3'

E502081-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2507040
Benzene	ND	0.0250	1	02/11/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/13/25	
Toluene	ND	0.0250	1	02/11/25	02/13/25	
o-Xylene	ND	0.0250	1	02/11/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*86.3 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2507040
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.7 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507050
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/11/25	
Surrogate: n-Nonane		*121 %*	*61-141*	*02/11/25*	*02/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2507054
Chloride	ND	20.0	1	02/11/25	02/12/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:07:04AM

BH10 4'

E502081-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2507040
Benzene	ND	0.0250	1	02/11/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/13/25	
Toluene	ND	0.0250	1	02/11/25	02/13/25	
o-Xylene	ND	0.0250	1	02/11/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*87.1 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2507040
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.5 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507050
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/11/25	
Surrogate: n-Nonane		*122 %*	*61-141*	*02/11/25*	*02/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2507054
Chloride	ND	20.0	1	02/11/25	02/12/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:07:04AM

BH11 0.5'

E502081-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2507040
Benzene	ND	0.0250	1	02/11/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/13/25	
Toluene	ND	0.0250	1	02/11/25	02/13/25	
o-Xylene	ND	0.0250	1	02/11/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*86.9 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2507040
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.4 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507050
Diesel Range Organics (C10-C28)	**962**	25.0	1	02/11/25	02/11/25	
Oil Range Organics (C28-C36)	**942**	50.0	1	02/11/25	02/11/25	
Surrogate: n-Nonane		*117 %*	*61-141*	*02/11/25*	*02/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2507054
Chloride	**317**	20.0	1	02/11/25	02/12/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:07:04AM

BH11 1'

E502081-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2507040
Benzene	ND	0.0250	1	02/11/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/13/25	
Toluene	ND	0.0250	1	02/11/25	02/13/25	
o-Xylene	ND	0.0250	1	02/11/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*88.1 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2507040
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.0 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507050
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/11/25	
Surrogate: n-Nonane		*122 %*	*61-141*	*02/11/25*	*02/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2507054
Chloride	**787**	20.0	1	02/11/25	02/12/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:07:04AM

BH11 2'

E502081-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2507040
Benzene	ND	0.0250	1	02/11/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/13/25	
Toluene	ND	0.0250	1	02/11/25	02/13/25	
o-Xylene	ND	0.0250	1	02/11/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*88.7 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2507040
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.6 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507050
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/11/25	
Surrogate: n-Nonane		*121 %*	*61-141*	*02/11/25*	*02/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2507054
Chloride	**720**	20.0	1	02/11/25	02/12/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:07:04AM

BH11 3'

E502081-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2507040
Benzene	ND	0.0250	1	02/11/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/13/25	
Toluene	ND	0.0250	1	02/11/25	02/13/25	
o-Xylene	ND	0.0250	1	02/11/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*87.7 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2507040
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.3 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507050
Diesel Range Organics (C10-C28)	**45.8**	25.0	1	02/11/25	02/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/11/25	
Surrogate: n-Nonane		*124 %*	*61-141*	*02/11/25*	*02/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2507054
Chloride	**1200**	20.0	1	02/11/25	02/12/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:07:04AM

BH11 4'

E502081-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2507040
Benzene	ND	0.0250	1	02/11/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/13/25	
Toluene	ND	0.0250	1	02/11/25	02/13/25	
o-Xylene	ND	0.0250	1	02/11/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*87.9 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2507040
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.5 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507050
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*123 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2507054
Chloride	**1060**	20.0	1	02/11/25	02/12/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:07:04AM

BH12 0.5'

E502081-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2507040
Benzene	ND	0.0250	1	02/11/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/13/25	
Toluene	ND	0.0250	1	02/11/25	02/13/25	
o-Xylene	ND	0.0250	1	02/11/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*89.7 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2507040
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.1 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507050
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*116 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2507054
Chloride	ND	20.0	1	02/11/25	02/12/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:07:04AM

BH12 1'

E502081-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2507040
Benzene	ND	0.0250	1	02/11/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/13/25	
Toluene	ND	0.0250	1	02/11/25	02/13/25	
o-Xylene	ND	0.0250	1	02/11/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*86.9 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2507040
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.1 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507050
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*117 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2507054
Chloride	ND	20.0	1	02/11/25	02/12/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:07:04AM

BH12 2'

E502081-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2507040
Benzene	ND	0.0250	1	02/11/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/13/25	
Toluene	ND	0.0250	1	02/11/25	02/13/25	
o-Xylene	ND	0.0250	1	02/11/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*87.6 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2507040
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.2 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507050
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*116 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2507054
Chloride	ND	20.0	1	02/11/25	02/12/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:07:04AM

BH12 3'

E502081-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2507040
Benzene	ND	0.0250	1	02/11/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/13/25	
Toluene	ND	0.0250	1	02/11/25	02/13/25	
o-Xylene	ND	0.0250	1	02/11/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*87.9 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2507040
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.9 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507050
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*121 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2507054
Chloride	**27.9**	20.0	1	02/11/25	02/12/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:07:04AM

BH12 4'

E502081-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2507040
Benzene	ND	0.0250	1	02/11/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/13/25	
Toluene	ND	0.0250	1	02/11/25	02/13/25	
o-Xylene	ND	0.0250	1	02/11/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*87.7 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2507040
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.7 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507050
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*119 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2507054
Chloride	**586**	20.0	1	02/11/25	02/12/25	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:07:04AM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2507040-BLK1)									Prepared: 02/11/25 Analyzed: 02/13/25
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	*7.03*		*8.00*		*87.9*	*70-130*			
LCS (2507040-BS1)									Prepared: 02/11/25 Analyzed: 02/13/25
Benzene	5.27	0.0250	5.00		105	70-130			
Ethylbenzene	5.10	0.0250	5.00		102	70-130			
Toluene	5.22	0.0250	5.00		104	70-130			
o-Xylene	5.09	0.0250	5.00		102	70-130			
p,m-Xylene	10.3	0.0500	10.0		103	70-130			
Total Xylenes	15.4	0.0250	15.0		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.11*		*8.00*		*88.8*	*70-130*			
Matrix Spike (2507040-MS1)				**Source: E502081-06**					Prepared: 02/11/25 Analyzed: 02/13/25
Benzene	5.05	0.0250	5.00	ND	101	54-133			
Ethylbenzene	4.89	0.0250	5.00	ND	97.7	61-133			
Toluene	4.99	0.0250	5.00	ND	99.8	61-130			
o-Xylene	4.87	0.0250	5.00	ND	97.3	63-131			
p,m-Xylene	9.90	0.0500	10.0	ND	99.0	63-131			
Total Xylenes	14.8	0.0250	15.0	ND	98.5	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.05*		*8.00*		*88.2*	*70-130*			
Matrix Spike Dup (2507040-MSD1)				**Source: E502081-06**					Prepared: 02/11/25 Analyzed: 02/13/25
Benzene	5.29	0.0250	5.00	ND	106	54-133	4.69	20	
Ethylbenzene	5.10	0.0250	5.00	ND	102	61-133	4.25	20	
Toluene	5.21	0.0250	5.00	ND	104	61-130	4.31	20	
o-Xylene	5.08	0.0250	5.00	ND	102	63-131	4.31	20	
p,m-Xylene	10.3	0.0500	10.0	ND	103	63-131	4.28	20	
Total Xylenes	15.4	0.0250	15.0	ND	103	63-131	4.29	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.03*		*8.00*		*87.8*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:07:04AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2507040-BLK1)									Prepared: 02/11/25 Analyzed: 02/13/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.44*		*8.00*		*92.9*	*70-130*			
LCS (2507040-BS2)									Prepared: 02/11/25 Analyzed: 02/13/25
Gasoline Range Organics (C6-C10)	43.0	20.0	50.0		86.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.52*		*8.00*		*94.1*	*70-130*			
Matrix Spike (2507040-MS2)				**Source: E502081-06**					Prepared: 02/11/25 Analyzed: 02/14/25
Gasoline Range Organics (C6-C10)	42.4	20.0	50.0	ND	84.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.56*		*8.00*		*94.5*	*70-130*			
Matrix Spike Dup (2507040-MSD2)				**Source: E502081-06**					Prepared: 02/11/25 Analyzed: 02/14/25
Gasoline Range Organics (C6-C10)	42.9	20.0	50.0	ND	85.7	70-130	1.19	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.49*		*8.00*		*93.7*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:07:04AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AF

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2507050-BLK1)									Prepared: 02/11/25 Analyzed: 02/11/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*63.3*		*50.0*		*127*	*61-141*			
LCS (2507050-BS1)									Prepared: 02/11/25 Analyzed: 02/11/25
Diesel Range Organics (C10-C28)	294	25.0	250		118	66-144			
Surrogate: n-Nonane	*58.0*		*50.0*		*116*	*61-141*			
Matrix Spike (2507050-MS1)				**Source: E502081-01**					Prepared: 02/11/25 Analyzed: 02/11/25
Diesel Range Organics (C10-C28)	304	25.0	250	ND	122	56-156			
Surrogate: n-Nonane	*60.4*		*50.0*		*121*	*61-141*			
Matrix Spike Dup (2507050-MSD1)				**Source: E502081-01**					Prepared: 02/11/25 Analyzed: 02/11/25
Diesel Range Organics (C10-C28)	316	25.0	250	ND	126	56-156	3.88	20	
Surrogate: n-Nonane	*62.6*		*50.0*		*125*	*61-141*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:07:04AM

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 (2507054-BLK1)									Prepared: 02/11/25 Analyzed: 02/11/25
Chloride	ND	20.0							
LCS (2507054-BS1)									Prepared: 02/11/25 Analyzed: 02/11/25
Chloride	260	20.0	250		104	90-110			
Matrix Spike (2507054-MS1)				**Source: E502081-04**					Prepared: 02/11/25 Analyzed: 02/11/25
Chloride	261	20.0	250	ND	104	80-120			
Matrix Spike Dup (2507054-MSD1)				**Source: E502081-04**					Prepared: 02/11/25 Analyzed: 02/11/25
Chloride	261	20.0	250	ND	104	80-120	0.0414	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

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	02/17/25 10:07

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.

Released to Imaging: 7/1/2025 11:29:28 AM
Received by OCD: 6/24/2025 9:45:27 AM

Project Information | Chain of Custody | Page 5 of 10

| | | |

Released to Imaging: 7/1/2025 11:29:28 AM
Received by OCD: 6/24/2025 9:45:27 AM

Project Information | Chain of Custody | Page __6__ of __10__

Client: Devon Energy	Bill To	Lab Use Only
Project: Cotton Draw Unit #153H	Attention: Jim Raley	Lab WO# E502081 Job Number 01058.0007
Project Manager: Anna Byers	Address: 5315 Buena Vista Dr.	
Address: 13000 W County Rd 100	City, State, Zip: Carlsbad, NM, 88220	
City, State, Zip_Odessa,TX, 79765	Phone: 575-885-7502	
Phone: (432) 305-6415	Email: jim.raley@dvn.com	
Email: Devon-team@etechenv.com	WO: 21494799	
Project #: 21772	Incident ID: NAB1911658680	
Collected by: Edyte Konan		

TAT				EPA Program	
1D	2D	3D	Standard	CWA	SDWA
			5 day TAT		
					RCRA

State: NM | CO | UT | AZ | TX | (blank) — NM: x

Time Sampled	Date Sampled	Matrix	No of Containers	Sample ID	Lab Number	Depth(ft.)	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM		GDOC TX		Remarks
9:00	02.07.25	S	1	BH11	11	0.5'								X				
9:10	02.07.25	S	1	BH11	12	1'								X				
9:20	02.07.25	S	1	BH11	13	2'								X				
9:30	02.07.25	S	1	BH11	14	3'								X				
9:40	02.07.25	S	1	BH11	15	4'								X				
10:00	02.07.25	S	1	BH12	16	0.5'								X				
10:10	02.07.25	S	1	BH12	17	1'								X				
10:20	02.07.25	S	1	BH12	18	2'								X				
10:30	02.07.25	S	1	BH12	19	3'								X				
10:40	02.07.25	S	1	BH12	20	4'								X				

Additional Instructions:

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

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
~~Matt~~	02/10/25	8:00	Michelle Gonzales	2-10-25	0800
Michelle Gonzales	2-10-25	1630	Caitlin Mac	2.11.25	730
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on Ice: (Y) N
T1 ____ T2 ____ T3 ____
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

Envirotech Analytical Laboratory

Printed: 2/11/2025 10:09:13AM

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:	Devon Energy - Carlsbad	Date Received:	02/11/25 07:30	Work Order ID:	E502081
Phone:	(575) 748-0176	Date Logged In:	02/11/25 08:08	Logged In By:	Caitlin Mars
Email:	anna@etechenv.com	Due Date:	02/17/25 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	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

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

Comments/Resolution

Project Cotton Draw Unit #153H Has been separated into 5 reports due to sample volume. WOs are E502079 to E502083.

Client Instruction

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

Date

envirotech Inc.

Report to:

Anna Byers









5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Cotton Draw Unit #153H

Work Order: E502082

Job Number: 01058-0007

Received: 2/11/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/17/25

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: 2/17/25

Anna Byers
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Cotton Draw Unit #153H
Workorder: E502082
Date Received: 2/11/2025 7:30:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/11/2025 7:30:00AM, under the Project Name: Cotton Draw Unit #153H.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit #153H 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 reguarding 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

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	02/17/25 12:20

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH13 0.5'	E502082-01A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH13 1'	E502082-02A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH13 2'	E502082-03A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH13 3'	E502082-04A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH13 4'	E502082-05A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH14 0.5'	E502082-06A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH14 1'	E502082-07A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH14 2'	E502082-08A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH14 3'	E502082-09A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH14 4'	E502082-10A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH15 0.5'	E502082-11A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH15 1'	E502082-12A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH15 2'	E502082-13A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH15 3'	E502082-14A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH15 4'	E502082-15A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH16 0.5'	E502082-16A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH16 1'	E502082-17A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH16 2'	E502082-18A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH16 3'	E502082-19A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH16 4'	E502082-20A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 12:20:09PM

BH13 0.5'

E502082-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2507041
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*97.4 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*93.8 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*99.2 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2507041
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*97.4 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*93.8 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*99.2 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507051
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*121 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2507057
Chloride	ND	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 12:20:09PM

BH13 1'

E502082-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2507041
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*93.9 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*96.6 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*98.6 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2507041
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*93.9 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*96.6 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*98.6 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507051
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*119 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2507057
Chloride	ND	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 12:20:09PM

BH13 2'

E502082-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2507041
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*97.3 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*96.3 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*98.4 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2507041
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*97.3 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*96.3 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*98.4 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507051
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*117 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2507057
Chloride	ND	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 12:20:09PM

BH13 3'

E502082-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2507041
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*97.7 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*96.6 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*96.3 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2507041
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*97.7 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*96.6 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*96.3 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507051
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*124 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2507057
Chloride	**25.1**	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 12:20:09PM

BH13 4'

E502082-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2507041
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*95.4 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*95.4 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*97.7 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2507041
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*95.4 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*95.4 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*97.7 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507051
Diesel Range Organics (C10-C28)	**52.8**	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*118 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2507057
Chloride	**36.6**	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 12:20:09PM

BH14 0.5'

E502082-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2507041
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*93.6 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*98.2 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*97.6 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2507041
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*93.6 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*98.2 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*97.6 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507051
Diesel Range Organics (C10-C28)	**38.1**	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*120 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2507057
Chloride	**21.2**	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 12:20:09PM

BH14 1'

E502082-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2507041
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*96.4 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*96.8 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*99.5 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2507041
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*96.4 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*96.8 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*99.5 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507051
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*111 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2507057
Chloride	**25.6**	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 12:20:09PM

BH14 2'

E502082-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2507041
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*97.2 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*93.8 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*98.9 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2507041
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*97.2 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*93.8 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*98.9 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507051
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*120 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2507057
Chloride	**46.1**	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 12:20:09PM

BH14 3'

E502082-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2507041
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*96.9 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*96.3 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2507041
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*96.9 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*96.3 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507051
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*120 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2507057
Chloride	**46.8**	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 12:20:09PM

BH14 4'

E502082-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2507041
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*96.9 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*95.8 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*99.6 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2507041
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*96.9 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*95.8 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*99.6 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507051
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*121 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2507057
Chloride	**99.7**	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 12:20:09PM

BH15 0.5'

E502082-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2507041
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*95.6 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*97.1 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*96.9 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2507041
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*95.6 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*97.1 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*96.9 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507051
Diesel Range Organics (C10-C28)	**62.1**	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*113 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2507057
Chloride	**26.2**	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 12:20:09PM

BH15 1'

E502082-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2507041
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*98.4 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*99.4 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*99.4 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2507041
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*98.4 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*99.4 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*99.4 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507051
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*121 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2507057
Chloride	ND	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 12:20:09PM

BH15 2'

E502082-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2507041
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*96.8 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*96.1 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*99.0 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2507041
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*96.8 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*96.1 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*99.0 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507051
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*117 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2507057
Chloride	**23.2**	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 12:20:09PM

BH15 3'

E502082-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2507041
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*98.2 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*93.6 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*98.7 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2507041
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*98.2 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*93.6 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*98.7 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507051
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*117 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2507057
Chloride	ND	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 12:20:09PM

BH15 4'

E502082-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2507041
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*97.8 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*95.6 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*98.5 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2507041
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*97.8 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*95.6 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*98.5 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507051
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*121 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2507057
Chloride	**133**	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 12:20:09PM

BH16 0.5'

E502082-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2507041
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*95.0 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*96.6 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*99.3 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2507041
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*95.0 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*96.6 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*99.3 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507051
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*118 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2507057
Chloride	**117**	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 12:20:09PM

BH16 1'

E502082-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2507041
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*97.4 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*99.0 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*99.1 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2507041
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*97.4 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*99.0 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*99.1 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507051
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*114 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2507057
Chloride	**54.7**	20.0	1	02/11/25	02/12/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 12:20:09PM

BH16 2'

E502082-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2507041
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*97.6 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*95.8 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2507041
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*97.6 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*95.8 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507051
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*116 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2507057
Chloride	**31.2**	20.0	1	02/11/25	02/12/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 12:20:09PM

BH16 3'

E502082-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2507041
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*96.7 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*93.9 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*98.8 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2507041
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*96.7 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*93.9 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*98.8 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507051
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*121 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2507057
Chloride	ND	20.0	1	02/11/25	02/12/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 12:20:09PM

BH16 4'

E502082-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2507041
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*99.2 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*93.6 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2507041
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*99.2 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*93.6 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507051
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*125 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2507057
Chloride	**56.7**	20.0	1	02/11/25	02/12/25	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 12:20:09PM

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 (2507041-BLK1)									Prepared: 02/11/25 Analyzed: 02/12/25
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: Bromofluorobenzene	*0.488*		*0.500*		*97.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.469*		*0.500*		*93.7*	*70-130*			
Surrogate: Toluene-d8	*0.488*		*0.500*		*97.5*	*70-130*			
LCS (2507041-BS1)									Prepared: 02/11/25 Analyzed: 02/12/25
Benzene	2.14	0.0250	2.50		85.7	70-130			
Ethylbenzene	2.28	0.0250	2.50		91.2	70-130			
Toluene	2.19	0.0250	2.50		87.6	70-130			
o-Xylene	2.23	0.0250	2.50		89.2	70-130			
p,m-Xylene	4.49	0.0500	5.00		89.8	70-130			
Total Xylenes	6.72	0.0250	7.50		89.6	70-130			
Surrogate: Bromofluorobenzene	*0.490*		*0.500*		*97.9*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.470*		*0.500*		*94.0*	*70-130*			
Surrogate: Toluene-d8	*0.492*		*0.500*		*98.4*	*70-130*			
Matrix Spike (2507041-MS1)				**Source: E502082-03**					Prepared: 02/11/25 Analyzed: 02/12/25
Benzene	2.23	0.0250	2.50	ND	89.2	48-131			
Ethylbenzene	2.35	0.0250	2.50	ND	94.0	45-135			
Toluene	2.26	0.0250	2.50	ND	90.3	48-130			
o-Xylene	2.30	0.0250	2.50	ND	91.9	43-135			
p,m-Xylene	4.60	0.0500	5.00	ND	92.0	43-135			
Total Xylenes	6.90	0.0250	7.50	ND	92.0	43-135			
Surrogate: Bromofluorobenzene	*0.487*		*0.500*		*97.3*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.480*		*0.500*		*96.0*	*70-130*			
Surrogate: Toluene-d8	*0.490*		*0.500*		*98.0*	*70-130*			
Matrix Spike Dup (2507041-MSD1)				**Source: E502082-03**					Prepared: 02/11/25 Analyzed: 02/12/25
Benzene	2.19	0.0250	2.50	ND	87.7	48-131	1.70	23	
Ethylbenzene	2.36	0.0250	2.50	ND	94.5	45-135	0.552	27	
Toluene	2.26	0.0250	2.50	ND	90.3	48-130	0.0221	24	
o-Xylene	2.31	0.0250	2.50	ND	92.3	43-135	0.500	27	
p,m-Xylene	4.62	0.0500	5.00	ND	92.4	43-135	0.412	27	
Total Xylenes	6.93	0.0250	7.50	ND	92.4	43-135	0.441	27	
Surrogate: Bromofluorobenzene	*0.485*		*0.500*		*97.0*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.480*		*0.500*		*96.0*	*70-130*			
Surrogate: Toluene-d8	*0.496*		*0.500*		*99.2*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 12:20:09PM

Nonhalogenated Organics by EPA 8015D - GRO

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 (2507041-BLK1)									Prepared: 02/11/25 Analyzed: 02/12/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.488*		*0.500*		*97.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.469*		*0.500*		*93.7*	*70-130*			
Surrogate: Toluene-d8	*0.488*		*0.500*		*97.5*	*70-130*			
LCS (2507041-BS2)									Prepared: 02/11/25 Analyzed: 02/12/25
Gasoline Range Organics (C6-C10)	51.2	20.0	50.0		102	70-130			
Surrogate: Bromofluorobenzene	*0.484*		*0.500*		*96.8*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.471*		*0.500*		*94.1*	*70-130*			
Surrogate: Toluene-d8	*0.487*		*0.500*		*97.4*	*70-130*			
Matrix Spike (2507041-MS2)				**Source: E502082-03**					Prepared: 02/11/25 Analyzed: 02/12/25
Gasoline Range Organics (C6-C10)	53.7	20.0	50.0	ND	107	70-130			
Surrogate: Bromofluorobenzene	*0.481*		*0.500*		*96.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.473*		*0.500*		*94.6*	*70-130*			
Surrogate: Toluene-d8	*0.494*		*0.500*		*98.7*	*70-130*			
Matrix Spike Dup (2507041-MSD2)				**Source: E502082-03**					Prepared: 02/11/25 Analyzed: 02/12/25
Gasoline Range Organics (C6-C10)	51.5	20.0	50.0	ND	103	70-130	4.12	20	
Surrogate: Bromofluorobenzene	*0.477*		*0.500*		*95.3*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.479*		*0.500*		*95.8*	*70-130*			
Surrogate: Toluene-d8	*0.495*		*0.500*		*98.9*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 12:20:09PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AF

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2507051-BLK1)									Prepared: 02/11/25 Analyzed: 02/12/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*55.8*		*50.0*		*112*	*61-141*			
LCS (2507051-BS1)									Prepared: 02/11/25 Analyzed: 02/12/25
Diesel Range Organics (C10-C28)	285	25.0	250		114	66-144			
Surrogate: n-Nonane	*58.0*		*50.0*		*116*	*61-141*			
Matrix Spike (2507051-MS1)				**Source: E502082-13**					Prepared: 02/11/25 Analyzed: 02/12/25
Diesel Range Organics (C10-C28)	302	25.0	250	ND	121	56-156			
Surrogate: n-Nonane	*59.1*		*50.0*		*118*	*61-141*			
Matrix Spike Dup (2507051-MSD1)				**Source: E502082-13**					Prepared: 02/11/25 Analyzed: 02/12/25
Diesel Range Organics (C10-C28)	306	25.0	250	ND	122	56-156	1.20	20	
Surrogate: n-Nonane	*59.9*		*50.0*		*120*	*61-141*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 12:20:09PM

Anions by EPA 300.0/9056A

Analyst: AK

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2507057-BLK1)									Prepared: 02/11/25 Analyzed: 02/11/25
Chloride	ND	20.0							
LCS (2507057-BS1)									Prepared: 02/11/25 Analyzed: 02/11/25
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2507057-MS1)				**Source: E502082-02**					Prepared: 02/11/25 Analyzed: 02/11/25
Chloride	270	20.0	250	ND	108	80-120			
Matrix Spike Dup (2507057-MSD1)				**Source: E502082-02**					Prepared: 02/11/25 Analyzed: 02/11/25
Chloride	270	20.0	250	ND	108	80-120	0.136	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

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	02/17/25 12:20

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.

Released to Imaging: 7/1/2025 11:29:28 AM
Received by OCD: 6/24/2025 9:45:27 AM

Project Information | Chain of Custody | Page __7__ of __10__

| | | |

Released to Imaging: 7/1/2025 11:29:28 AM
Received by OCD: 6/24/2025 9:45:27 AM

Project Information | Chain of Custody | Page 8 of 10

| | | |

Envirotech Analytical Laboratory

Printed: 2/11/2025 10:12:53AM

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:	Devon Energy - Carlsbad	Date Received:	02/11/25 07:30	Work Order ID:	E502082
Phone:	(575) 748-0176	Date Logged In:	02/11/25 08:10	Logged In By:	Caitlin Mars
Email:	anna@etechenv.com	Due Date:	02/17/25 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	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

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

Comments/Resolution

Project Cotton Draw Unit #153H Has been separated into 5 reports due to sample volume. WOs are E502079 to E502083.

Client Instruction

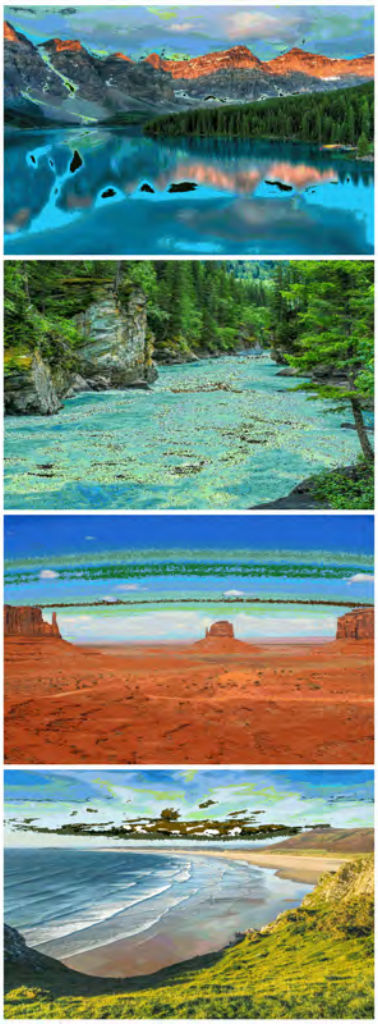
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Anna Byers



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name:	Cotton Draw Unit #153H
Work Order:	E502083
Job Number:	01058-0007
Received:	2/11/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/17/25

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: 2/17/25

Anna Byers
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Cotton Draw Unit #153H
Workorder: E502083
Date Received: 2/11/2025 7:30:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/11/2025 7:30:00AM, under the Project Name: Cotton Draw Unit #153H.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit #153H 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 reguarding 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

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	02/17/25 10:15

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH17 0.5'	E502083-01A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH17 1'	E502083-02A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH17 2'	E502083-03A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH17 3'	E502083-04A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH17 4'	E502083-05A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH18 0.5'	E502083-06A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH18 1'	E502083-07A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH18 2'	E502083-08A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH18 3'	E502083-09A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH18 4'	E502083-10A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH19 0.5'	E502083-11A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH19 1'	E502083-12A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH19 2'	E502083-13A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH19 3'	E502083-14A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH19 4'	E502083-15A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH20 0.5'	E502083-16A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH20 1'	E502083-17A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH20 2'	E502083-18A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH20 3'	E502083-19A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH20 4'	E502083-20A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:15:37AM

BH17 0.5'

E502083-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2507047
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*93.1 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2507047
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*93.1 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507055
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*119 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2507058
Chloride	ND	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:15:37AM

BH17 1'

E502083-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2507047
Benzene	ND	0.0250	1	02/11/25	02/14/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/14/25	
Toluene	ND	0.0250	1	02/11/25	02/14/25	
o-Xylene	ND	0.0250	1	02/11/25	02/14/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/14/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/14/25	
Surrogate: Bromofluorobenzene		*95.1 %*	*70-130*	*02/11/25*	*02/14/25*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*02/11/25*	*02/14/25*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*02/11/25*	*02/14/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2507047
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/14/25	
Surrogate: Bromofluorobenzene		*95.1 %*	*70-130*	*02/11/25*	*02/14/25*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*02/11/25*	*02/14/25*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*02/11/25*	*02/14/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507055
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*116 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2507058
Chloride	ND	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:15:37AM

BH17 2'

E502083-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2507047
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*91.6 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*98.3 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2507047
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*91.6 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*98.3 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507055
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*121 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2507058
Chloride	ND	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:15:37AM

BH17 3'

E502083-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2507047
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*93.4 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2507047
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*93.4 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507055
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*120 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2507058
Chloride	ND	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:15:37AM

BH17 4'

E502083-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2507047
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*94.7 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*99.9 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2507047
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*94.7 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*99.9 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507055
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*123 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2507058
Chloride	**23.6**	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:15:37AM

BH18 0.5'

E502083-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2507047
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*92.3 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*99.7 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2507047
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*92.3 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*99.7 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507055
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*119 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2507058
Chloride	ND	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:15:37AM

BH18 1'

E502083-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2507047
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*93.2 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*99.3 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2507047
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*93.2 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*99.3 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507055
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*122 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2507058
Chloride	ND	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:15:37AM

BH18 2'

E502083-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2507047
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*92.4 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*99.2 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2507047
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*92.4 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*99.2 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507055
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*118 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2507058
Chloride	ND	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:15:37AM

BH18 3'

E502083-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2507047
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*93.2 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*99.8 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2507047
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*93.2 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*99.8 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507055
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*125 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2507058
Chloride	ND	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:15:37AM

BH18 4'

E502083-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2507047
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*93.0 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*98.7 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2507047
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: Bromofluorobenzene		*93.0 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: 1,2-Dichloroethane-d4		*98.7 %*	*70-130*	*02/11/25*	*02/12/25*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507055
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*123 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2507058
Chloride	**25.3**	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:15:37AM

BH19 0.5'

E502083-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2507047
Benzene	ND	0.0250	1	02/11/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/13/25	
Toluene	ND	0.0250	1	02/11/25	02/13/25	
o-Xylene	ND	0.0250	1	02/11/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/13/25	
Surrogate: Bromofluorobenzene		*94.3 %*	*70-130*	*02/11/25*	*02/13/25*	
Surrogate: 1,2-Dichloroethane-d4		*97.4 %*	*70-130*	*02/11/25*	*02/13/25*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2507047
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/13/25	
Surrogate: Bromofluorobenzene		*94.3 %*	*70-130*	*02/11/25*	*02/13/25*	
Surrogate: 1,2-Dichloroethane-d4		*97.4 %*	*70-130*	*02/11/25*	*02/13/25*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507055
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*122 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2507058
Chloride	**64.9**	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:15:37AM

BH19 1'

E502083-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2507047
Benzene	ND	0.0250	1	02/11/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/13/25	
Toluene	ND	0.0250	1	02/11/25	02/13/25	
o-Xylene	ND	0.0250	1	02/11/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/13/25	
Surrogate: Bromofluorobenzene		*95.6 %*	*70-130*	*02/11/25*	*02/13/25*	
Surrogate: 1,2-Dichloroethane-d4		*91.1 %*	*70-130*	*02/11/25*	*02/13/25*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2507047
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/13/25	
Surrogate: Bromofluorobenzene		*95.6 %*	*70-130*	*02/11/25*	*02/13/25*	
Surrogate: 1,2-Dichloroethane-d4		*91.1 %*	*70-130*	*02/11/25*	*02/13/25*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507055
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*121 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2507058
Chloride	**71.7**	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:15:37AM

BH19 2'

E502083-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2507047
Benzene	ND	0.0250	1	02/11/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/13/25	
Toluene	ND	0.0250	1	02/11/25	02/13/25	
o-Xylene	ND	0.0250	1	02/11/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/13/25	
Surrogate: Bromofluorobenzene		*92.4 %*	*70-130*	*02/11/25*	*02/13/25*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*02/11/25*	*02/13/25*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2507047
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/13/25	
Surrogate: Bromofluorobenzene		*92.4 %*	*70-130*	*02/11/25*	*02/13/25*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*02/11/25*	*02/13/25*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507055
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*122 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2507058
Chloride	**38.7**	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:15:37AM

BH19 3'

E502083-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2507047
Benzene	ND	0.0250	1	02/11/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/13/25	
Toluene	ND	0.0250	1	02/11/25	02/13/25	
o-Xylene	ND	0.0250	1	02/11/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/13/25	
Surrogate: Bromofluorobenzene		*93.3 %*	*70-130*	*02/11/25*	*02/13/25*	
Surrogate: 1,2-Dichloroethane-d4		*96.5 %*	*70-130*	*02/11/25*	*02/13/25*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2507047
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/13/25	
Surrogate: Bromofluorobenzene		*93.3 %*	*70-130*	*02/11/25*	*02/13/25*	
Surrogate: 1,2-Dichloroethane-d4		*96.5 %*	*70-130*	*02/11/25*	*02/13/25*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507055
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*120 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2507058
Chloride	**35.4**	20.0	1	02/11/25	02/11/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:15:37AM

BH19 4'

E502083-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2507047
Benzene	ND	0.0250	1	02/11/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/13/25	
Toluene	ND	0.0250	1	02/11/25	02/13/25	
o-Xylene	ND	0.0250	1	02/11/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/13/25	
Surrogate: Bromofluorobenzene		*91.2 %*	*70-130*	*02/11/25*	*02/13/25*	
Surrogate: 1,2-Dichloroethane-d4		*96.3 %*	*70-130*	*02/11/25*	*02/13/25*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2507047
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/13/25	
Surrogate: Bromofluorobenzene		*91.2 %*	*70-130*	*02/11/25*	*02/13/25*	
Surrogate: 1,2-Dichloroethane-d4		*96.3 %*	*70-130*	*02/11/25*	*02/13/25*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507055
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*123 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2507058
Chloride	**36.2**	20.0	1	02/11/25	02/12/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:15:37AM

BH20 0.5'

E502083-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2507047
Benzene	ND	0.0250	1	02/11/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/13/25	
Toluene	ND	0.0250	1	02/11/25	02/13/25	
o-Xylene	ND	0.0250	1	02/11/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/13/25	
Surrogate: Bromofluorobenzene		*92.4 %*	*70-130*	*02/11/25*	*02/13/25*	
Surrogate: 1,2-Dichloroethane-d4		*95.5 %*	*70-130*	*02/11/25*	*02/13/25*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2507047
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/13/25	
Surrogate: Bromofluorobenzene		*92.4 %*	*70-130*	*02/11/25*	*02/13/25*	
Surrogate: 1,2-Dichloroethane-d4		*95.5 %*	*70-130*	*02/11/25*	*02/13/25*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507055
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*121 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2507058
Chloride	**69.2**	20.0	1	02/11/25	02/12/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:15:37AM

BH20 1'

E502083-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2507047
Benzene	ND	0.0250	1	02/11/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/13/25	
Toluene	ND	0.0250	1	02/11/25	02/13/25	
o-Xylene	ND	0.0250	1	02/11/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/13/25	
Surrogate: Bromofluorobenzene		*92.9 %*	*70-130*	*02/11/25*	*02/13/25*	
Surrogate: 1,2-Dichloroethane-d4		*97.6 %*	*70-130*	*02/11/25*	*02/13/25*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2507047
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/13/25	
Surrogate: Bromofluorobenzene		*92.9 %*	*70-130*	*02/11/25*	*02/13/25*	
Surrogate: 1,2-Dichloroethane-d4		*97.6 %*	*70-130*	*02/11/25*	*02/13/25*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507055
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*117 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2507058
Chloride	**67.9**	20.0	1	02/11/25	02/12/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:15:37AM

BH20 2'

E502083-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2507047
Benzene	ND	0.0250	1	02/11/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/13/25	
Toluene	ND	0.0250	1	02/11/25	02/13/25	
o-Xylene	ND	0.0250	1	02/11/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/13/25	
Surrogate: Bromofluorobenzene		*91.6 %*	*70-130*	*02/11/25*	*02/13/25*	
Surrogate: 1,2-Dichloroethane-d4		*93.4 %*	*70-130*	*02/11/25*	*02/13/25*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2507047
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/13/25	
Surrogate: Bromofluorobenzene		*91.6 %*	*70-130*	*02/11/25*	*02/13/25*	
Surrogate: 1,2-Dichloroethane-d4		*93.4 %*	*70-130*	*02/11/25*	*02/13/25*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507055
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*123 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2507058
Chloride	**39.0**	20.0	1	02/11/25	02/12/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:15:37AM

BH20 3'

E502083-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2507047
Benzene	ND	0.0250	1	02/11/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/13/25	
Toluene	ND	0.0250	1	02/11/25	02/13/25	
o-Xylene	ND	0.0250	1	02/11/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/13/25	
Surrogate: Bromofluorobenzene		*93.0 %*	*70-130*	*02/11/25*	*02/13/25*	
Surrogate: 1,2-Dichloroethane-d4		*95.3 %*	*70-130*	*02/11/25*	*02/13/25*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2507047
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/13/25	
Surrogate: Bromofluorobenzene		*93.0 %*	*70-130*	*02/11/25*	*02/13/25*	
Surrogate: 1,2-Dichloroethane-d4		*95.3 %*	*70-130*	*02/11/25*	*02/13/25*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507055
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*121 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2507058
Chloride	**36.3**	20.0	1	02/11/25	02/12/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:15:37AM

BH20 4'

E502083-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2507047
Benzene	ND	0.0250	1	02/11/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/13/25	
Toluene	ND	0.0250	1	02/11/25	02/13/25	
o-Xylene	ND	0.0250	1	02/11/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/13/25	
Surrogate: Bromofluorobenzene		*93.8 %*	*70-130*	*02/11/25*	*02/13/25*	
Surrogate: 1,2-Dichloroethane-d4		*96.6 %*	*70-130*	*02/11/25*	*02/13/25*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2507047
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/13/25	
Surrogate: Bromofluorobenzene		*93.8 %*	*70-130*	*02/11/25*	*02/13/25*	
Surrogate: 1,2-Dichloroethane-d4		*96.6 %*	*70-130*	*02/11/25*	*02/13/25*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*02/11/25*	*02/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507055
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*120 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2507058
Chloride	**33.2**	20.0	1	02/11/25	02/12/25	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:15:37AM

Volatile Organic Compounds by EPA 8260B

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 (2507047-BLK1)									Prepared: 02/11/25 Analyzed: 02/13/25
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: Bromofluorobenzene	*0.473*		*0.500*		*94.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.511*		*0.500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.507*		*0.500*		*101*	*70-130*			
LCS (2507047-BS1)									Prepared: 02/11/25 Analyzed: 02/14/25
Benzene	2.09	0.0250	2.50		83.5	70-130			
Ethylbenzene	2.04	0.0250	2.50		81.6	70-130			
Toluene	2.06	0.0250	2.50		82.2	70-130			
o-Xylene	2.18	0.0250	2.50		87.2	70-130			
p,m-Xylene	4.23	0.0500	5.00		84.5	70-130			
Total Xylenes	6.41	0.0250	7.50		85.4	70-130			
Surrogate: Bromofluorobenzene	*0.476*		*0.500*		*95.1*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.525*		*0.500*		*105*	*70-130*			
Surrogate: Toluene-d8	*0.499*		*0.500*		*99.8*	*70-130*			
Matrix Spike (2507047-MS1)				**Source: E502083-02**					Prepared: 02/11/25 Analyzed: 02/14/25
Benzene	2.08	0.0250	2.50	ND	83.1	48-131			
Ethylbenzene	2.03	0.0250	2.50	ND	81.1	45-135			
Toluene	2.05	0.0250	2.50	ND	82.1	48-130			
o-Xylene	2.18	0.0250	2.50	ND	87.0	43-135			
p,m-Xylene	4.20	0.0500	5.00	ND	84.0	43-135			
Total Xylenes	6.38	0.0250	7.50	ND	85.0	43-135			
Surrogate: Bromofluorobenzene	*0.475*		*0.500*		*94.9*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.519*		*0.500*		*104*	*70-130*			
Surrogate: Toluene-d8	*0.495*		*0.500*		*98.9*	*70-130*			
Matrix Spike Dup (2507047-MSD1)				**Source: E502083-02**					Prepared: 02/11/25 Analyzed: 02/14/25
Benzene	2.22	0.0250	2.50	ND	88.6	48-131	6.43	23	
Ethylbenzene	2.19	0.0250	2.50	ND	87.7	45-135	7.89	27	
Toluene	2.22	0.0250	2.50	ND	88.7	48-130	7.78	24	
o-Xylene	2.30	0.0250	2.50	ND	92.0	43-135	5.59	27	
p,m-Xylene	4.51	0.0500	5.00	ND	90.1	43-135	7.06	27	
Total Xylenes	6.81	0.0250	7.50	ND	90.8	43-135	6.56	27	
Surrogate: Bromofluorobenzene	*0.478*		*0.500*		*95.5*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.518*		*0.500*		*104*	*70-130*			
Surrogate: Toluene-d8	*0.501*		*0.500*		*100*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:15:37AM

Nonhalogenated Organics by EPA 8015D - GRO

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 (2507047-BLK1)									Prepared: 02/11/25 Analyzed: 02/13/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.473*		*0.500*		*94.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.511*		*0.500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.507*		*0.500*		*101*	*70-130*			
LCS (2507047-BS2)									Prepared: 02/11/25 Analyzed: 02/14/25
Gasoline Range Organics (C6-C10)	42.7	20.0	50.0		85.3	70-130			
Surrogate: Bromofluorobenzene	*0.484*		*0.500*		*96.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.510*		*0.500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.511*		*0.500*		*102*	*70-130*			
Matrix Spike (2507047-MS2)				**Source: E502083-02**					Prepared: 02/11/25 Analyzed: 02/14/25
Gasoline Range Organics (C6-C10)	42.0	20.0	50.0	ND	84.0	70-130			
Surrogate: Bromofluorobenzene	*0.468*		*0.500*		*93.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.529*		*0.500*		*106*	*70-130*			
Surrogate: Toluene-d8	*0.509*		*0.500*		*102*	*70-130*			
Matrix Spike Dup (2507047-MSD2)				**Source: E502083-02**					Prepared: 02/11/25 Analyzed: 02/14/25
Gasoline Range Organics (C6-C10)	42.3	20.0	50.0	ND	84.7	70-130	0.863	20	
Surrogate: Bromofluorobenzene	*0.484*		*0.500*		*96.8*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.511*		*0.500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.503*		*0.500*		*101*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:15:37AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AF

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2507055-BLK1)									Prepared: 02/11/25 Analyzed: 02/12/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*59.0*		*50.0*		*118*	*61-141*			
LCS (2507055-BS1)									Prepared: 02/11/25 Analyzed: 02/12/25
Diesel Range Organics (C10-C28)	297	25.0	250		119	66-144			
Surrogate: n-Nonane	*59.0*		*50.0*		*118*	*61-141*			
Matrix Spike (2507055-MS1)				**Source: E502083-06**					Prepared: 02/11/25 Analyzed: 02/12/25
Diesel Range Organics (C10-C28)	298	25.0	250	ND	119	56-156			
Surrogate: n-Nonane	*61.9*		*50.0*		*124*	*61-141*			
Matrix Spike Dup (2507055-MSD1)				**Source: E502083-06**					Prepared: 02/11/25 Analyzed: 02/12/25
Diesel Range Organics (C10-C28)	315	25.0	250	ND	126	56-156	5.43	20	
Surrogate: n-Nonane	*61.0*		*50.0*		*122*	*61-141*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:15:37AM

Anions by EPA 300.0/9056A

Analyst: JM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2507058-BLK1)									Prepared: 02/11/25 Analyzed: 02/11/25
Chloride	ND	20.0							
LCS (2507058-BS1)									Prepared: 02/11/25 Analyzed: 02/11/25
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2507058-MS1)				**Source: E502083-03**					Prepared: 02/11/25 Analyzed: 02/11/25
Chloride	261	20.0	250	ND	104	80-120			
Matrix Spike Dup (2507058-MSD1)				**Source: E502083-03**					Prepared: 02/11/25 Analyzed: 02/11/25
Chloride	261	20.0	250	ND	104	80-120	0.0771	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

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	02/17/25 10:15

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.

Released to Imaging: 7/1/2025 11:29:28 AM
Received by OCD: 6/24/2025 9:45:27 AM

Project Information | Chain of Custody | Page __9__ of __10__

| | | |

Released to Imaging: 7/1/2025 11:29:28 AM
Received by OCD: 6/24/2025 9:45:27 AM

Project Information | Chain of Custody | Page __10__ of __10__

| | | |

Envirotech Analytical Laboratory

Printed: 2/11/2025 10:18:33AM

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:	Devon Energy - Carlsbad	Date Received:	02/11/25 07:30	Work Order ID:	E502083
Phone:	(575) 748-0176	Date Logged In:	02/11/25 08:14	Logged In By:	Caitlin Mars
Email:	anna@etechenv.com	Due Date:	02/17/25 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	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

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

Comments/Resolution

Project Cotton Draw Unit #153H Has been separated into 5 reports due to sample volume. WOs are E502079 to E502083.

Client Instruction

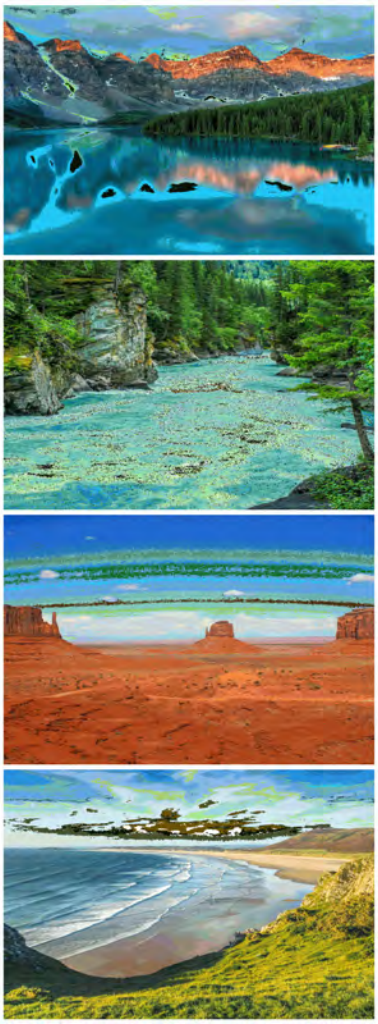
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Anna Byers



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name:	Cotton Draw Unit #153H
Work Order:	E502084
Job Number:	01058-0007
Received:	2/11/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/17/25

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: 2/17/25

Anna Byers
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Cotton Draw Unit #153H
Workorder: E502084
Date Received: 2/11/2025 7:30:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/11/2025 7:30:00AM, under the Project Name: Cotton Draw Unit #153H.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit #153H 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 reguarding 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

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	02/17/25 10:27

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH01 5'	E502084-01A	Soil	02/05/25	02/11/25	Glass Jar, 2 oz.
BH02 4.5'	E502084-02A	Soil	02/05/25	02/11/25	Glass Jar, 2 oz.
BH06 5'	E502084-03A	Soil	02/06/25	02/11/25	Glass Jar, 2 oz.
BH08 4.5'	E502084-04A	Soil	02/06/25	02/11/25	Glass Jar, 2 oz.
BH11 5'	E502084-05A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH12 4.5'	E502084-06A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH18 5'	E502084-07A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:27:34AM

BH01 5'

E502084-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2507052
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: 4-Bromochlorobenzene-PID		*94.5 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2507052
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*73.7 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507056
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/11/25	
Surrogate: n-Nonane		*110 %*	*61-141*	*02/11/25*	*02/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2507059
Chloride	**807**	20.0	1	02/11/25	02/12/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:27:34AM

BH02 4.5'

E502084-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2507052
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: 4-Bromochlorobenzene-PID		*90.1 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2507052
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*75.6 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507056
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/11/25	
Surrogate: n-Nonane		*113 %*	*61-141*	*02/11/25*	*02/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2507059
Chloride	**41.3**	20.0	1	02/11/25	02/12/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:27:34AM

BH06 5'

E502084-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2507052
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: 4-Bromochlorobenzene-PID		*90.3 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2507052
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*73.7 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507056
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/11/25	
Surrogate: n-Nonane		*112 %*	*61-141*	*02/11/25*	*02/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2507059
Chloride	**219**	20.0	1	02/11/25	02/12/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:27:34AM

BH08 4.5'

E502084-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2507052
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: 4-Bromochlorobenzene-PID		*88.8 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2507052
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*75.3 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507056
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*109 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2507059
Chloride	**20.4**	20.0	1	02/11/25	02/12/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:27:34AM

BH11 5'

E502084-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2507052
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: 4-Bromochlorobenzene-PID		*89.8 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2507052
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*73.9 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507056
Diesel Range Organics (C10-C28)	ND	25.0	1	02/12/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/12/25	02/12/25	
Surrogate: n-Nonane		*126 %*	*61-141*	*02/12/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2507059
Chloride	**1270**	20.0	1	02/11/25	02/12/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:27:34AM

BH12 4.5'

E502084-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2507052
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: 4-Bromochlorobenzene-PID		*88.5 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2507052
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*76.3 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507056
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*115 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2507059
Chloride	**1260**	20.0	1	02/11/25	02/12/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:27:34AM

BH18 5'

E502084-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2507052
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: 4-Bromochlorobenzene-PID		*87.7 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2507052
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*75.5 %*	*70-130*	*02/11/25*	*02/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2507056
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane		*122 %*	*61-141*	*02/11/25*	*02/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2507059
Chloride	**31.9**	20.0	1	02/11/25	02/12/25	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:27:34AM

Volatile Organics by EPA 8021B

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 (2507052-BLK1)									Prepared: 02/11/25 Analyzed: 02/12/25
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	*7.75*		*8.00*		*96.9*	*70-130*			
LCS (2507052-BS1)									Prepared: 02/11/25 Analyzed: 02/12/25
Benzene	4.68	0.0250	5.00		93.6	70-130			
Ethylbenzene	4.47	0.0250	5.00		89.4	70-130			
Toluene	4.58	0.0250	5.00		91.7	70-130			
o-Xylene	4.52	0.0250	5.00		90.4	70-130			
p,m-Xylene	9.11	0.0500	10.0		91.1	70-130			
Total Xylenes	13.6	0.0250	15.0		90.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.71*		*8.00*		*96.4*	*70-130*			
Matrix Spike (2507052-MS1)				**Source: E502084-01**					Prepared: 02/11/25 Analyzed: 02/12/25
Benzene	6.49	0.0250	5.00	ND	130	54-133			
Ethylbenzene	6.17	0.0250	5.00	ND	123	61-133			
Toluene	6.35	0.0250	5.00	ND	127	61-130			
o-Xylene	6.14	0.0250	5.00	ND	123	63-131			
p,m-Xylene	12.5	0.0500	10.0	ND	125	63-131			
Total Xylenes	18.6	0.0250	15.0	ND	124	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.54*		*8.00*		*94.3*	*70-130*			
Matrix Spike Dup (2507052-MSD1)				**Source: E502084-01**					Prepared: 02/11/25 Analyzed: 02/12/25
Benzene	6.50	0.0250	5.00	ND	130	54-133	0.250	20	
Ethylbenzene	6.20	0.0250	5.00	ND	124	61-133	0.483	20	
Toluene	6.37	0.0250	5.00	ND	127	61-130	0.344	20	
o-Xylene	6.17	0.0250	5.00	ND	123	63-131	0.429	20	
p,m-Xylene	12.5	0.0500	10.0	ND	125	63-131	0.487	20	
Total Xylenes	18.7	0.0250	15.0	ND	125	63-131	0.468	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.48*		*8.00*		*93.5*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:27:34AM

Nonhalogenated Organics by EPA 8015D - GRO

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 (2507052-BLK1)									Prepared: 02/11/25 Analyzed: 02/12/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*5.84*		*8.00*		*73.0*	*70-130*			
LCS (2507052-BS2)									Prepared: 02/11/25 Analyzed: 02/12/25
Gasoline Range Organics (C6-C10)	40.2	20.0	50.0		80.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*5.93*		*8.00*		*74.1*	*70-130*			
Matrix Spike (2507052-MS2)				**Source: E502084-01**					Prepared: 02/11/25 Analyzed: 02/12/25
Gasoline Range Organics (C6-C10)	38.4	20.0	50.0	ND	76.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.02*		*8.00*		*75.2*	*70-130*			
Matrix Spike Dup (2507052-MSD2)				**Source: E502084-01**					Prepared: 02/11/25 Analyzed: 02/12/25
Gasoline Range Organics (C6-C10)	40.4	20.0	50.0	ND	80.8	70-130	4.95	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.04*		*8.00*		*75.5*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:27:34AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AF

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2507056-BLK1)									Prepared: 02/11/25 Analyzed: 02/11/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*55.0*		*50.0*		*110*	*61-141*			
LCS (2507056-BS1)									Prepared: 02/11/25 Analyzed: 02/11/25
Diesel Range Organics (C10-C28)	266	25.0	250		107	66-144			
Surrogate: n-Nonane	*54.5*		*50.0*		*109*	*61-141*			
Matrix Spike (2507056-MS1)				**Source: E502084-04**					Prepared: 02/11/25 Analyzed: 02/11/25
Diesel Range Organics (C10-C28)	266	25.0	250	ND	107	56-156			
Surrogate: n-Nonane	*55.1*		*50.0*		*110*	*61-141*			
Matrix Spike Dup (2507056-MSD1)				**Source: E502084-04**					Prepared: 02/11/25 Analyzed: 02/11/25
Diesel Range Organics (C10-C28)	263	25.0	250	ND	105	56-156	1.40	20	
Surrogate: n-Nonane	*65.3*		*50.0*		*131*	*61-141*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	2/17/2025 10:27:34AM

Anions by EPA 300.0/9056A

Analyst: AK

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2507059-BLK1)									Prepared: 02/11/25 Analyzed: 02/12/25
Chloride	ND	20.0							
LCS (2507059-BS1)									Prepared: 02/11/25 Analyzed: 02/12/25
Chloride	254	20.0	250		101	90-110			
Matrix Spike (2507059-MS1)				**Source: E502084-04**					Prepared: 02/11/25 Analyzed: 02/12/25
Chloride	277	20.0	250	20.4	103	80-120			
Matrix Spike Dup (2507059-MSD1)				**Source: E502084-04**					Prepared: 02/11/25 Analyzed: 02/12/25
Chloride	279	20.0	250	20.4	103	80-120	0.788	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

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit #153H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Anna Byers	02/17/25 10:27

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.

Released to Imaging: 7/1/2025 11:29:28 AM
Received by OCD: 6/24/2025 9:45:27 AM

Project Information | Chain of Custody | Page __1__ of __1__

| | | |

Envirotech Analytical Laboratory

Printed: 2/11/2025 10:20:38AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	02/11/25 07:30	Work Order ID:	E502084
Phone:	(575) 748-0176	Date Logged In:	02/11/25 08:17	Logged In By:	Caitlin Mars
Email:	anna@etechenv.com	Due Date:	02/17/25 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	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

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

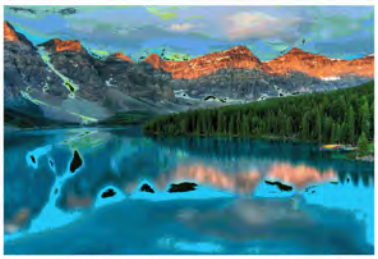
Signature of client authorizing changes to the COC or sample disposition.

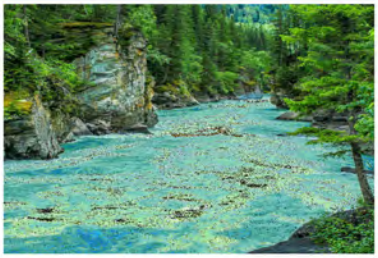
Date

envirotech Inc.

Report to:

Delrae Geller









5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Cotton Draw Unit 153H
Work Order:	E504084
Job Number:	01058-0007
Received:	4/10/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/11/25

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: 4/11/25

Delrae Geller
PO Box 247
Plains, TX 79355-0247

Project Name: Cotton Draw Unit 153H
Workorder: E504084
Date Received: 4/10/2025 11:30:00PM

Delrae Geller,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/10/2025 11:30:00PM, under the Project Name: Cotton Draw Unit 153H.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 153H 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 reguarding 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

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	04/11/25 11:08

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS1-COMP.	E504084-01A	Soil	04/09/25	04/10/25	Glass Jar, 2 oz.
CS2-COMP.	E504084-02A	Soil	04/09/25	04/10/25	Glass Jar, 2 oz.
CS3-COMP.	E504084-03A	Soil	04/09/25	04/10/25	Glass Jar, 2 oz.
CS4-COMP.	E504084-04A	Soil	04/09/25	04/10/25	Glass Jar, 2 oz.
CS5-COMP.	E504084-05A	Soil	04/09/25	04/10/25	Glass Jar, 2 oz.
CS6-COMP.	E504084-06A	Soil	04/09/25	04/10/25	Glass Jar, 2 oz.
CSW1-COMP.	E504084-07A	Soil	04/09/25	04/10/25	Glass Jar, 2 oz.
CSW2-COMP.	E504084-08A	Soil	04/09/25	04/10/25	Glass Jar, 2 oz.
CSW3-COMP.	E504084-09A	Soil	04/09/25	04/10/25	Glass Jar, 2 oz.
CSW4-COMP.	E504084-10A	Soil	04/09/25	04/10/25	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Delrae Geller	4/11/2025 11:08:37AM

CS1-COMP.

E504084-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2515103
Benzene	ND	0.0250	1	04/11/25	04/11/25	
Ethylbenzene	ND	0.0250	1	04/11/25	04/11/25	
Toluene	ND	0.0250	1	04/11/25	04/11/25	
o-Xylene	ND	0.0250	1	04/11/25	04/11/25	
p,m-Xylene	ND	0.0500	1	04/11/25	04/11/25	
Total Xylenes	ND	0.0250	1	04/11/25	04/11/25	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*04/11/25*	*04/11/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2515103
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/25	04/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.4 %*	*70-130*	*04/11/25*	*04/11/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2515091
Diesel Range Organics (C10-C28)	ND	25.0	1	04/10/25	04/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/10/25	04/11/25	
Surrogate: n-Nonane		*113 %*	*61-141*	*04/10/25*	*04/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2515101
Chloride	**253**	20.0	1	04/11/25	04/11/25	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Delrae Geller	4/11/2025 11:08:37AM

CS2-COMP.

E504084-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2515103
Benzene	ND	0.0250	1	04/11/25	04/11/25	
Ethylbenzene	ND	0.0250	1	04/11/25	04/11/25	
Toluene	ND	0.0250	1	04/11/25	04/11/25	
o-Xylene	ND	0.0250	1	04/11/25	04/11/25	
p,m-Xylene	ND	0.0500	1	04/11/25	04/11/25	
Total Xylenes	ND	0.0250	1	04/11/25	04/11/25	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*04/11/25*	*04/11/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2515103
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/25	04/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.0 %*	*70-130*	*04/11/25*	*04/11/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2515091
Diesel Range Organics (C10-C28)	ND	25.0	1	04/10/25	04/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/10/25	04/11/25	
Surrogate: n-Nonane		*106 %*	*61-141*	*04/10/25*	*04/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2515101
Chloride	**529**	20.0	1	04/11/25	04/11/25	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Delrae Geller	4/11/2025 11:08:37AM

CS3-COMP.

E504084-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2515103
Benzene	ND	0.0250	1	04/11/25	04/11/25	
Ethylbenzene	ND	0.0250	1	04/11/25	04/11/25	
Toluene	ND	0.0250	1	04/11/25	04/11/25	
o-Xylene	ND	0.0250	1	04/11/25	04/11/25	
p,m-Xylene	ND	0.0500	1	04/11/25	04/11/25	
Total Xylenes	ND	0.0250	1	04/11/25	04/11/25	
Surrogate: 4-Bromochlorobenzene-PID		*98.2 %*	*70-130*	*04/11/25*	*04/11/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2515103
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/25	04/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.8 %*	*70-130*	*04/11/25*	*04/11/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2515091
Diesel Range Organics (C10-C28)	ND	25.0	1	04/10/25	04/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/10/25	04/11/25	
Surrogate: n-Nonane		*102 %*	*61-141*	*04/10/25*	*04/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2515101
Chloride	**76.1**	20.0	1	04/11/25	04/11/25	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Delrae Geller	4/11/2025 11:08:37AM

CS4-COMP.

E504084-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2515103
Benzene	ND	0.0250	1	04/11/25	04/11/25	
Ethylbenzene	ND	0.0250	1	04/11/25	04/11/25	
Toluene	ND	0.0250	1	04/11/25	04/11/25	
o-Xylene	ND	0.0250	1	04/11/25	04/11/25	
p,m-Xylene	ND	0.0500	1	04/11/25	04/11/25	
Total Xylenes	ND	0.0250	1	04/11/25	04/11/25	
Surrogate: 4-Bromochlorobenzene-PID		*99.5 %*	*70-130*	*04/11/25*	*04/11/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2515103
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/25	04/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.1 %*	*70-130*	*04/11/25*	*04/11/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2515091
Diesel Range Organics (C10-C28)	ND	25.0	1	04/10/25	04/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/10/25	04/11/25	
Surrogate: n-Nonane		*106 %*	*61-141*	*04/10/25*	*04/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2515101
Chloride	ND	20.0	1	04/11/25	04/11/25	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Delrae Geller	4/11/2025 11:08:37AM

CS5-COMP.

E504084-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2515103
Benzene	ND	0.0250	1	04/11/25	04/11/25	
Ethylbenzene	ND	0.0250	1	04/11/25	04/11/25	
Toluene	ND	0.0250	1	04/11/25	04/11/25	
o-Xylene	ND	0.0250	1	04/11/25	04/11/25	
p,m-Xylene	ND	0.0500	1	04/11/25	04/11/25	
Total Xylenes	ND	0.0250	1	04/11/25	04/11/25	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*04/11/25*	*04/11/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2515103
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/25	04/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.3 %*	*70-130*	*04/11/25*	*04/11/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2515091
Diesel Range Organics (C10-C28)	ND	25.0	1	04/10/25	04/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/10/25	04/11/25	
Surrogate: n-Nonane		*111 %*	*61-141*	*04/10/25*	*04/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2515101
Chloride	**237**	20.0	1	04/11/25	04/11/25	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Delrae Geller	4/11/2025 11:08:37AM

CS6-COMP.

E504084-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2515103
Benzene	ND	0.0250	1	04/11/25	04/11/25	
Ethylbenzene	ND	0.0250	1	04/11/25	04/11/25	
Toluene	ND	0.0250	1	04/11/25	04/11/25	
o-Xylene	ND	0.0250	1	04/11/25	04/11/25	
p,m-Xylene	ND	0.0500	1	04/11/25	04/11/25	
Total Xylenes	ND	0.0250	1	04/11/25	04/11/25	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*04/11/25*	*04/11/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2515103
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/25	04/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.8 %*	*70-130*	*04/11/25*	*04/11/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2515091
Diesel Range Organics (C10-C28)	ND	25.0	1	04/10/25	04/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/10/25	04/11/25	
Surrogate: n-Nonane		*108 %*	*61-141*	*04/10/25*	*04/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2515101
Chloride	**387**	20.0	1	04/11/25	04/11/25	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Delrae Geller	4/11/2025 11:08:37AM

CSW1-COMP.

E504084-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2515103
Benzene	ND	0.0250	1	04/11/25	04/11/25	
Ethylbenzene	ND	0.0250	1	04/11/25	04/11/25	
Toluene	ND	0.0250	1	04/11/25	04/11/25	
o-Xylene	ND	0.0250	1	04/11/25	04/11/25	
p,m-Xylene	ND	0.0500	1	04/11/25	04/11/25	
Total Xylenes	ND	0.0250	1	04/11/25	04/11/25	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*04/11/25*	*04/11/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2515103
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/25	04/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.8 %*	*70-130*	*04/11/25*	*04/11/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2515091
Diesel Range Organics (C10-C28)	ND	25.0	1	04/10/25	04/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/10/25	04/11/25	
Surrogate: n-Nonane		*123 %*	*61-141*	*04/10/25*	*04/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2515101
Chloride	ND	20.0	1	04/11/25	04/11/25	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Delrae Geller	4/11/2025 11:08:37AM

CSW2-COMP.

E504084-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2515103
Benzene	ND	0.0250	1	04/11/25	04/11/25	
Ethylbenzene	ND	0.0250	1	04/11/25	04/11/25	
Toluene	ND	0.0250	1	04/11/25	04/11/25	
o-Xylene	ND	0.0250	1	04/11/25	04/11/25	
p,m-Xylene	ND	0.0500	1	04/11/25	04/11/25	
Total Xylenes	ND	0.0250	1	04/11/25	04/11/25	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*04/11/25*	*04/11/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2515103
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/25	04/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.8 %*	*70-130*	*04/11/25*	*04/11/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2515091
Diesel Range Organics (C10-C28)	**29.8**	25.0	1	04/10/25	04/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/10/25	04/11/25	
Surrogate: n-Nonane		*115 %*	*61-141*	*04/10/25*	*04/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2515101
Chloride	**32.8**	20.0	1	04/11/25	04/11/25	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Delrae Geller	4/11/2025 11:08:37AM

CSW3-COMP.

E504084-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2515103
Benzene	ND	0.0250	1	04/11/25	04/11/25	
Ethylbenzene	ND	0.0250	1	04/11/25	04/11/25	
Toluene	ND	0.0250	1	04/11/25	04/11/25	
o-Xylene	ND	0.0250	1	04/11/25	04/11/25	
p,m-Xylene	ND	0.0500	1	04/11/25	04/11/25	
Total Xylenes	ND	0.0250	1	04/11/25	04/11/25	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*04/11/25*	*04/11/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2515103
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/25	04/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.4 %*	*70-130*	*04/11/25*	*04/11/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2515091
Diesel Range Organics (C10-C28)	**1070**	25.0	1	04/10/25	04/11/25	
Oil Range Organics (C28-C36)	**753**	50.0	1	04/10/25	04/11/25	
Surrogate: n-Nonane		*112 %*	*61-141*	*04/10/25*	*04/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2515101
Chloride	**269**	20.0	1	04/11/25	04/11/25	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Delrae Geller	4/11/2025 11:08:37AM

CSW4-COMP.

E504084-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2515103
Benzene	ND	0.0250	1	04/11/25	04/11/25	
Ethylbenzene	ND	0.0250	1	04/11/25	04/11/25	
Toluene	ND	0.0250	1	04/11/25	04/11/25	
o-Xylene	ND	0.0250	1	04/11/25	04/11/25	
p,m-Xylene	ND	0.0500	1	04/11/25	04/11/25	
Total Xylenes	ND	0.0250	1	04/11/25	04/11/25	
Surrogate: 4-Bromochlorobenzene-PID		*105 %*	*70-130*	*04/11/25*	*04/11/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2515103
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/25	04/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.8 %*	*70-130*	*04/11/25*	*04/11/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2515091
Diesel Range Organics (C10-C28)	ND	25.0	1	04/10/25	04/11/25	
Oil Range Organics (C28-C36)	**59.5**	50.0	1	04/10/25	04/11/25	
Surrogate: n-Nonane		*111 %*	*61-141*	*04/10/25*	*04/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2515101
Chloride	**176**	20.0	1	04/11/25	04/11/25	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	4/11/2025 11:08:37AM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2515103-BLK1)									Prepared: 04/11/25 Analyzed: 04/11/25
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	*7.89*		*8.00*		*98.7*	*70-130*			
LCS (2515103-BS1)									Prepared: 04/11/25 Analyzed: 04/11/25
Benzene	4.30	0.0250	5.00		86.0	70-130			
Ethylbenzene	4.23	0.0250	5.00		84.6	70-130			
Toluene	4.29	0.0250	5.00		85.8	70-130			
o-Xylene	4.21	0.0250	5.00		84.2	70-130			
p,m-Xylene	8.42	0.0500	10.0		84.2	70-130			
Total Xylenes	12.6	0.0250	15.0		84.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.00*		*8.00*		*100*	*70-130*			
LCS Dup (2515103-BSD1)									Prepared: 04/11/25 Analyzed: 04/11/25
Benzene	4.44	0.0250	5.00		88.7	70-130	3.17	20	
Ethylbenzene	4.38	0.0250	5.00		87.6	70-130	3.51	20	
Toluene	4.42	0.0250	5.00		88.5	70-130	3.11	20	
o-Xylene	4.35	0.0250	5.00		87.1	70-130	3.40	20	
p,m-Xylene	8.72	0.0500	10.0		87.2	70-130	3.48	20	
Total Xylenes	13.1	0.0250	15.0		87.1	70-130	3.46	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.84*		*8.00*		*98.0*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	4/11/2025 11:08:37AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2515103-BLK1)									Prepared: 04/11/25 Analyzed: 04/11/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.91*		*8.00*		*98.9*	*70-130*			
LCS (2515103-BS2)									Prepared: 04/11/25 Analyzed: 04/11/25
Gasoline Range Organics (C6-C10)	44.9	20.0	50.0		89.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.49*		*8.00*		*93.6*	*70-130*			
LCS Dup (2515103-BSD2)									Prepared: 04/11/25 Analyzed: 04/11/25
Gasoline Range Organics (C6-C10)	43.6	20.0	50.0		87.2	70-130	2.94	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.61*		*8.00*		*95.1*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	4/11/2025 11:08:37AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2515091-BLK1)									Prepared: 04/10/25 Analyzed: 04/10/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*53.3*		*50.0*		*107*	*61-141*			
LCS (2515091-BS1)									Prepared: 04/10/25 Analyzed: 04/10/25
Diesel Range Organics (C10-C28)	300	25.0	250		120	66-144			
Surrogate: n-Nonane	*55.4*		*50.0*		*111*	*61-141*			
LCS Dup (2515091-BSD1)									Prepared: 04/10/25 Analyzed: 04/10/25
Diesel Range Organics (C10-C28)	306	25.0	250		122	66-144	2.17	20	
Surrogate: n-Nonane	*56.0*		*50.0*		*112*	*61-141*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	4/11/2025 11:08:37AM

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 (2515101-BLK1)									Prepared: 04/10/25 Analyzed: 04/10/25
Chloride	ND	20.0							
LCS (2515101-BS1)									Prepared: 04/10/25 Analyzed: 04/10/25
Chloride	252	20.0	250		101	90-110			
LCS Dup (2515101-BSD1)									Prepared: 04/10/25 Analyzed: 04/10/25
Chloride	253	20.0	250		101	90-110	0.424	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:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Delrae Geller	04/11/25 11:08

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.

Released to Imaging: 7/1/2025 11:29:28 AM
Received by OCD: 6/24/2025 9:45:27 AM

Chain of Custody

Client Information	Invoice Information	Lab Use Only		TAT				State				
Client: Pima Environmental Services, LLC	Company: DEVON	Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX	
Project Name: Cotton Draw Unit #153 H	Address:	E504084	01058-0007	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. #1-302-3											
Email: delrae@pimaoil.com												

Sample Information

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			Remarks
11:00	4/9/2025	S		CS1- COMP.		1						X						
11:16	4/9/2025	S		CS2- COMP.		2						X						
11:23	4/9/2025	S		CS3-COMP.		3						X						
11:29	4/9/2025	S		CS4- COMP.		4						X						
11:35	4/9/2025	S		CS5-COMP.		5						X						
11:40	4/9/2025	S		CS6-COMP.		6						X						
11:44	4/9/2025	S		CSW1-COMP.		7						X						
11:49	4/9/2025	S		CSW2-COMP.		8						X						
11:53	4/9/2025	S		CSW3-COMP.		9						X						
11:59	4/9/2025	S		CSW4-COMP.		10						X						

Analysis and Method

EPA Program: SDWA | CWA | RCRA

Compliance Y or N

PWSID #

Additional Instructions: BILLING- 21165284

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

Sampled by: Andrew Franco

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Andrew Franco	4/9/25	2:00	Karime Adame	4/10/25	9:03
Karime Adame	4/10/25	1:00	Michelle Gonzales	4-10-25	1300
Michelle Gonzales	4-10-25	1615		4.10.25	1645
	4.10.25	2330		4-10-25	2330

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 oC on subsequent days.

Lab Use Only

Received on ice: Y / N

T1 T2 T3

AVG Temp oC 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 14 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: 4/11/2025 8:40:22AM

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:	04/10/25 23:30	Work Order ID:	E504084
Phone:	(575) 631-6977	Date Logged In:	04/10/25 14:27	Logged In By:	Caitlin Mars
Email:		Due Date:	04/11/25 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	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

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

Comments/Resolution

No of containers not provided on COC.

Client Instruction

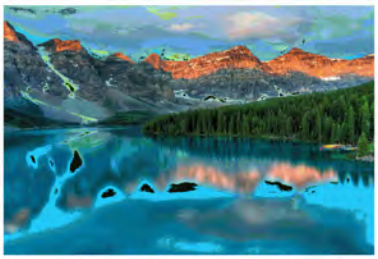
Signature of client authorizing changes to the COC or sample disposition.

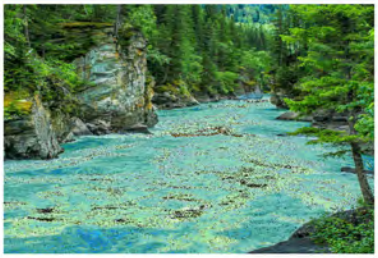
Date

envirotech Inc.

Report to:

Delrae Geller









5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Cotton Draw Unit 153H
Work Order:	E505033
Job Number:	01058-0007
Received:	5/5/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/8/25

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: 5/8/25

Delrae Geller
PO Box 247
Plains, TX 79355-0247

Project Name: Cotton Draw Unit 153H
Workorder: E505033
Date Received: 5/5/2025 7:45:00AM

Delrae Geller,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/5/2025 7:45:00AM, under the Project Name: Cotton Draw Unit 153H.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 153H 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 reguarding 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

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	05/08/25 09:17

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
csw3	E505033-01A	Soil	05/02/25	05/05/25	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Delrae Geller	5/8/2025 9:17:19AM

csw3

E505033-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2519019
Benzene	ND	0.0250	1	05/05/25	05/06/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/06/25	
Toluene	ND	0.0250	1	05/05/25	05/06/25	
o-Xylene	ND	0.0250	1	05/05/25	05/06/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/06/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/06/25	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*05/05/25*	*05/06/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2519019
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/06/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*102 %*	*70-130*	*05/05/25*	*05/06/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2519037
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/06/25	
Surrogate: n-Nonane		*97.3 %*	*61-141*	*05/06/25*	*05/06/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2519030
Chloride	ND	20.0	1	05/05/25	05/06/25	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	5/8/2025 9:17:19AM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2519019-BLK1)									Prepared: 05/05/25 Analyzed: 05/06/25
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	*7.46*		*8.00*		*93.2*	*70-130*			
LCS (2519019-BS1)									Prepared: 05/05/25 Analyzed: 05/06/25
Benzene	3.87	0.0250	5.00		77.5	70-130			
Ethylbenzene	3.86	0.0250	5.00		77.2	70-130			
Toluene	3.89	0.0250	5.00		77.8	70-130			
o-Xylene	3.86	0.0250	5.00		77.3	70-130			
p,m-Xylene	7.74	0.0500	10.0		77.4	70-130			
Total Xylenes	11.6	0.0250	15.0		77.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.97*		*8.00*		*99.6*	*70-130*			
Matrix Spike (2519019-MS1)				**Source: E505032-04**					Prepared: 05/05/25 Analyzed: 05/06/25
Benzene	3.99	0.0250	5.00	ND	79.8	70-130			
Ethylbenzene	3.92	0.0250	5.00	ND	78.4	70-130			
Toluene	3.98	0.0250	5.00	ND	79.7	70-130			
o-Xylene	3.96	0.0250	5.00	ND	79.3	70-130			
p,m-Xylene	7.85	0.0500	10.0	ND	78.5	70-130			
Total Xylenes	11.8	0.0250	15.0	ND	78.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.94*		*8.00*		*99.2*	*70-130*			
Matrix Spike Dup (2519019-MSD1)				**Source: E505032-04**					Prepared: 05/05/25 Analyzed: 05/06/25
Benzene	4.42	0.0250	5.00	ND	88.3	70-130	10.1	27	
Ethylbenzene	4.39	0.0250	5.00	ND	87.9	70-130	11.4	26	
Toluene	4.44	0.0250	5.00	ND	88.7	70-130	10.7	20	
o-Xylene	4.41	0.0250	5.00	ND	88.1	70-130	10.6	25	
p,m-Xylene	8.80	0.0500	10.0	ND	88.0	70-130	11.5	23	
Total Xylenes	13.2	0.0250	15.0	ND	88.1	70-130	11.2	26	
Surrogate: 4-Bromochlorobenzene-PID	*7.91*		*8.00*		*98.9*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	5/8/2025 9:17:19AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2519019-BLK1)									Prepared: 05/05/25 Analyzed: 05/06/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.26*		*8.00*		*103*	*70-130*			
LCS (2519019-BS2)									Prepared: 05/05/25 Analyzed: 05/06/25
Gasoline Range Organics (C6-C10)	52.6	20.0	50.0		105	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.51*		*8.00*		*106*	*70-130*			
Matrix Spike (2519019-MS2)				**Source: E505032-04**					Prepared: 05/05/25 Analyzed: 05/06/25
Gasoline Range Organics (C6-C10)	54.7	20.0	50.0	ND	109	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.07*		*8.00*		*101*	*70-130*			
Matrix Spike Dup (2519019-MSD2)				**Source: E505032-04**					Prepared: 05/05/25 Analyzed: 05/06/25
Gasoline Range Organics (C6-C10)	50.6	20.0	50.0	ND	101	70-130	7.80	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.47*		*8.00*		*106*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	5/8/2025 9:17:19AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2519037-BLK1)									Prepared: 05/06/25 Analyzed: 05/06/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*49.2*		*50.0*		*98.4*	*61-141*			
LCS (2519037-BS1)									Prepared: 05/06/25 Analyzed: 05/06/25
Diesel Range Organics (C10-C28)	263	25.0	250		105	66-144			
Surrogate: n-Nonane	*49.1*		*50.0*		*98.2*	*61-141*			
Matrix Spike (2519037-MS1)				**Source: E505034-01**					Prepared: 05/06/25 Analyzed: 05/06/25
Diesel Range Organics (C10-C28)	260	25.0	250	ND	104	56-156			
Surrogate: n-Nonane	*48.7*		*50.0*		*97.4*	*61-141*			
Matrix Spike Dup (2519037-MSD1)				**Source: E505034-01**					Prepared: 05/06/25 Analyzed: 05/06/25
Diesel Range Organics (C10-C28)	264	25.0	250	ND	106	56-156	1.64	20	
Surrogate: n-Nonane	*49.1*		*50.0*		*98.2*	*61-141*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 153H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	5/8/2025 9:17:19AM

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 (2519030-BLK1)									Prepared: 05/05/25 Analyzed: 05/06/25
Chloride	ND	20.0							
LCS (2519030-BS1)									Prepared: 05/05/25 Analyzed: 05/06/25
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2519030-MS1)				**Source: E505032-02**					Prepared: 05/05/25 Analyzed: 05/06/25
Chloride	303	20.0	250	46.3	103	80-120			
Matrix Spike Dup (2519030-MSD1)				**Source: E505032-02**					Prepared: 05/05/25 Analyzed: 05/06/25
Chloride	302	20.0	250	46.3	102	80-120	0.322	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:	Cotton Draw Unit 153H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Delrae Geller	05/08/25 09:17

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.

Released to Imaging: 7/1/2025 11:29:28 AM

Received by OCD: 6/24/2025 9:45:27 AM

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Pima Environmental Services, LLC	Company:	Lab WO# E505033	Job Number 01058-0007	1D 2D 3D Std: — — — x	NM CO UT TX: x
Project Name: Cotton Draw Unit #153H	Address:			
Project Manager: Delrae Geller	City, State, Zip:			
Address: 5614 North Lovington Hwy	Phone:			
City, State, Zip: Hobbs, NM. 88240	Email:			
Phone: (806) 724-5391	Miscellaneous: PROJECT# 1-302-3			
Email: Delrae@pimaoil.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filtered	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Remarks
1:00	5/2/2025	S		csw3		1									x			4.3	

Analysis and Method

EPA Program: SDWA | CWA | RCRA

Compliance: Y or N

PWSID #

Additional Instructions: BILLING- 21165284

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

Sampled by: _____

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Andrew Franco	5/2/25	2:50	Karine Hamm	5/2/25	3:35
Karine Hamm	5/2/25	3:40	Michelle Gonzales	5-2-25	1410
Michelle Gonzales	5-2-25	1745	A.M.	5.2.25	1745
A.M.	5.2.25	2345	Cuth Mac	5.5.25	0745
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

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

Lab Use Only

Received on ice: (Y) / N

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 14 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: 5/5/2025 8:55:25AM

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:	05/05/25 07:45	Work Order ID:	E505033
Phone:	(575) 631-6977	Date Logged In:	05/05/25 08:44	Logged In By:	Noe Soto
Email:		Due Date:	05/09/25 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	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

No. of containers and sampled by 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? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling	Yes

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.

LABORATORY REPORTS

CDU #117H

Report to:

Tom Bynum



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Cotton Draw Unit #117H
Work Order:	E311116
Job Number:	01058-0007
Received:	11/14/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/27/23

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

Date Reported: 11/27/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Cotton Draw Unit #117H
Workorder: E311116
Date Received: 11/14/2023 8:32:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/14/2023 8:32:00AM, under the Project Name: Cotton Draw Unit #117H.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit #117H 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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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

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

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

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

Michelle Golzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/23 16:18

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1-1'	E311116-01A	Soil	11/10/23	11/14/23	Glass Jar, 2 oz.
S1-2'	E311116-02A	Soil	11/10/23	11/14/23	Glass Jar, 2 oz.
S1-3'	E311116-03A	Soil	11/10/23	11/14/23	Glass Jar, 2 oz.
S1-4'	E311116-04A	Soil	11/10/23	11/14/23	Glass Jar, 2 oz.
S2-1'	E311116-05A	Soil	11/10/23	11/14/23	Glass Jar, 2 oz.
S2-2'	E311116-06A	Soil	11/10/23	11/14/23	Glass Jar, 2 oz.
S2-3'	E311116-07A	Soil	11/10/23	11/14/23	Glass Jar, 2 oz.
S2-4'	E311116-08A	Soil	11/10/23	11/14/23	Glass Jar, 2 oz.
S3-1'	E311116-09A	Soil	11/10/23	11/14/23	Glass Jar, 2 oz.
S3-2'	E311116-10A	Soil	11/10/23	11/14/23	Glass Jar, 2 oz.
S3-3'	E311116-11A	Soil	11/10/23	11/14/23	Glass Jar, 2 oz.
S3-4'	E311116-12A	Soil	11/10/23	11/14/23	Glass Jar, 2 oz.
S4-1'	E311116-13A	Soil	11/10/23	11/14/23	Glass Jar, 2 oz.
S4-2'	E311116-14A	Soil	11/10/23	11/14/23	Glass Jar, 2 oz.
S4-3'	E311116-15A	Soil	11/10/23	11/14/23	Glass Jar, 2 oz.
S4-4'	E311116-16A	Soil	11/10/23	11/14/23	Glass Jar, 2 oz.
S5-1'	E311116-17A	Soil	11/10/23	11/14/23	Glass Jar, 2 oz.
S5-2'	E311116-18A	Soil	11/10/23	11/14/23	Glass Jar, 2 oz.
S5-3'	E311116-19A	Soil	11/10/23	11/14/23	Glass Jar, 2 oz.
S5-4'	E311116-20A	Soil	11/10/23	11/14/23	Glass Jar, 2 oz.
SW1	E311116-21A	Soil	11/10/23	11/14/23	Glass Jar, 2 oz.
SW2	E311116-22A	Soil	11/10/23	11/14/23	Glass Jar, 2 oz.
SW3	E311116-23A	Soil	11/10/23	11/14/23	Glass Jar, 2 oz.
SW4	E311116-24A	Soil	11/10/23	11/14/23	Glass Jar, 2 oz.
SW5	E311116-25A	Soil	11/10/23	11/14/23	Glass Jar, 2 oz.
SW6	E311116-26A	Soil	11/10/23	11/14/23	Glass Jar, 2 oz.
SW7	E311116-27A	Soil	11/10/23	11/14/23	Glass Jar, 2 oz.
SW8	E311116-28A	Soil	11/10/23	11/14/23	Glass Jar, 2 oz.
BG1	E311116-29A	Soil	11/10/23	11/14/23	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 4:18:53PM

S1-1'

E311116-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS			Batch: 2346098
Benzene	ND	0.0250	1	11/16/23	11/21/23	
Ethylbenzene	ND	0.0250	1	11/16/23	11/21/23	
Toluene	ND	0.0250	1	11/16/23	11/21/23	
o-Xylene	ND	0.0250	1	11/16/23	11/21/23	
p,m-Xylene	ND	0.0500	1	11/16/23	11/21/23	
Total Xylenes	ND	0.0250	1	11/16/23	11/21/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.5 %*	*70-130*	*11/16/23*	*11/21/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2346098
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/23	11/21/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.8 %*	*70-130*	*11/16/23*	*11/21/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2346103
Diesel Range Organics (C10-C28)	**39.8**	25.0	1	11/16/23	11/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/16/23	11/17/23	
Surrogate: n-Nonane		*107 %*	*50-200*	*11/16/23*	*11/17/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346108
Chloride	**132**	20.0	1	11/17/23	11/17/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 4:18:53PM

S1-2'

E311116-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS			Batch: 2346098
Benzene	ND	0.0250	1	11/16/23	11/20/23	
Ethylbenzene	ND	0.0250	1	11/16/23	11/20/23	
Toluene	ND	0.0250	1	11/16/23	11/20/23	
o-Xylene	ND	0.0250	1	11/16/23	11/20/23	
p,m-Xylene	ND	0.0500	1	11/16/23	11/20/23	
Total Xylenes	ND	0.0250	1	11/16/23	11/20/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.8 %*	*70-130*	*11/16/23*	*11/20/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2346098
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/23	11/20/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.3 %*	*70-130*	*11/16/23*	*11/20/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2346103
Diesel Range Organics (C10-C28)	ND	25.0	1	11/16/23	11/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/16/23	11/18/23	
Surrogate: n-Nonane		*110 %*	*50-200*	*11/16/23*	*11/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346108
Chloride	**80.9**	20.0	1	11/17/23	11/17/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 4:18:53PM

S1-3'

E311116-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS			Batch: 2346098
Benzene	ND	0.0250	1	11/16/23	11/21/23	
Ethylbenzene	ND	0.0250	1	11/16/23	11/21/23	
Toluene	ND	0.0250	1	11/16/23	11/21/23	
o-Xylene	ND	0.0250	1	11/16/23	11/21/23	
p,m-Xylene	ND	0.0500	1	11/16/23	11/21/23	
Total Xylenes	ND	0.0250	1	11/16/23	11/21/23	
Surrogate: 4-Bromochlorobenzene-PID		*92.8 %*	*70-130*	*11/16/23*	*11/21/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2346098
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/23	11/21/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.4 %*	*70-130*	*11/16/23*	*11/21/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2346103
Diesel Range Organics (C10-C28)	ND	25.0	1	11/16/23	11/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/16/23	11/18/23	
Surrogate: n-Nonane		*103 %*	*50-200*	*11/16/23*	*11/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346108
Chloride	**78.2**	20.0	1	11/17/23	11/17/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 4:18:53PM

S1-4'

E311116-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS			Batch: 2346098
Benzene	ND	0.0250	1	11/16/23	11/21/23	
Ethylbenzene	ND	0.0250	1	11/16/23	11/21/23	
Toluene	ND	0.0250	1	11/16/23	11/21/23	
o-Xylene	ND	0.0250	1	11/16/23	11/21/23	
p,m-Xylene	ND	0.0500	1	11/16/23	11/21/23	
Total Xylenes	ND	0.0250	1	11/16/23	11/21/23	
Surrogate: 4-Bromochlorobenzene-PID		*92.5 %*	*70-130*	*11/16/23*	*11/21/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2346098
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/23	11/21/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.1 %*	*70-130*	*11/16/23*	*11/21/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2346103
Diesel Range Organics (C10-C28)	ND	25.0	1	11/16/23	11/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/16/23	11/18/23	
Surrogate: n-Nonane		*100 %*	*50-200*	*11/16/23*	*11/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346108
Chloride	**45.8**	20.0	1	11/17/23	11/17/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 4:18:53PM

S2-1'

E311116-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS			Batch: 2346098
Benzene	ND	0.0250	1	11/16/23	11/21/23	
Ethylbenzene	ND	0.0250	1	11/16/23	11/21/23	
Toluene	ND	0.0250	1	11/16/23	11/21/23	
o-Xylene	ND	0.0250	1	11/16/23	11/21/23	
p,m-Xylene	ND	0.0500	1	11/16/23	11/21/23	
Total Xylenes	ND	0.0250	1	11/16/23	11/21/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.5 %*	*70-130*	*11/16/23*	*11/21/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2346098
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/23	11/21/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.0 %*	*70-130*	*11/16/23*	*11/21/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2346103
Diesel Range Organics (C10-C28)	ND	25.0	1	11/16/23	11/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/16/23	11/18/23	
Surrogate: n-Nonane		*109 %*	*50-200*	*11/16/23*	*11/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346108
Chloride	**126**	20.0	1	11/17/23	11/17/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 4:18:53PM

S2-2'

E311116-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS			Batch: 2346098
Benzene	ND	0.0250	1	11/16/23	11/21/23	
Ethylbenzene	ND	0.0250	1	11/16/23	11/21/23	
Toluene	ND	0.0250	1	11/16/23	11/21/23	
o-Xylene	ND	0.0250	1	11/16/23	11/21/23	
p,m-Xylene	ND	0.0500	1	11/16/23	11/21/23	
Total Xylenes	ND	0.0250	1	11/16/23	11/21/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.2 %*	*70-130*	*11/16/23*	*11/21/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2346098
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/23	11/21/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.9 %*	*70-130*	*11/16/23*	*11/21/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2346103
Diesel Range Organics (C10-C28)	ND	25.0	1	11/16/23	11/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/16/23	11/18/23	
Surrogate: n-Nonane		*100 %*	*50-200*	*11/16/23*	*11/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346108
Chloride	**89.0**	20.0	1	11/17/23	11/17/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 4:18:53PM

S2-3'

E311116-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS			Batch: 2346098
Benzene	ND	0.0250	1	11/16/23	11/21/23	
Ethylbenzene	ND	0.0250	1	11/16/23	11/21/23	
Toluene	ND	0.0250	1	11/16/23	11/21/23	
o-Xylene	ND	0.0250	1	11/16/23	11/21/23	
p,m-Xylene	ND	0.0500	1	11/16/23	11/21/23	
Total Xylenes	ND	0.0250	1	11/16/23	11/21/23	
Surrogate: 4-Bromochlorobenzene-PID		*92.0 %*	*70-130*	*11/16/23*	*11/21/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2346098
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/23	11/21/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.5 %*	*70-130*	*11/16/23*	*11/21/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2346103
Diesel Range Organics (C10-C28)	ND	25.0	1	11/16/23	11/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/16/23	11/18/23	
Surrogate: n-Nonane		*99.3 %*	*50-200*	*11/16/23*	*11/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346108
Chloride	**95.9**	20.0	1	11/17/23	11/17/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 4:18:53PM

S2-4'

E311116-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS			Batch: 2346098
Benzene	ND	0.0250	1	11/16/23	11/21/23	
Ethylbenzene	ND	0.0250	1	11/16/23	11/21/23	
Toluene	ND	0.0250	1	11/16/23	11/21/23	
o-Xylene	ND	0.0250	1	11/16/23	11/21/23	
p,m-Xylene	ND	0.0500	1	11/16/23	11/21/23	
Total Xylenes	ND	0.0250	1	11/16/23	11/21/23	
Surrogate: 4-Bromochlorobenzene-PID		*92.3 %*	*70-130*	*11/16/23*	*11/21/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2346098
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/23	11/21/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.4 %*	*70-130*	*11/16/23*	*11/21/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2346103
Diesel Range Organics (C10-C28)	**54.6**	25.0	1	11/16/23	11/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/16/23	11/18/23	
Surrogate: n-Nonane		*99.9 %*	*50-200*	*11/16/23*	*11/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346108
Chloride	**40.0**	20.0	1	11/17/23	11/17/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 4:18:53PM

S3-1'

E311116-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS			Batch: 2346098
Benzene	ND	0.0250	1	11/16/23	11/21/23	
Ethylbenzene	ND	0.0250	1	11/16/23	11/21/23	
Toluene	ND	0.0250	1	11/16/23	11/21/23	
o-Xylene	ND	0.0250	1	11/16/23	11/21/23	
p,m-Xylene	ND	0.0500	1	11/16/23	11/21/23	
Total Xylenes	ND	0.0250	1	11/16/23	11/21/23	
Surrogate: 4-Bromochlorobenzene-PID		*92.2 %*	*70-130*	*11/16/23*	*11/21/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2346098
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/23	11/21/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.2 %*	*70-130*	*11/16/23*	*11/21/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2346103
Diesel Range Organics (C10-C28)	ND	25.0	1	11/16/23	11/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/16/23	11/18/23	
Surrogate: n-Nonane		*103 %*	*50-200*	*11/16/23*	*11/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346108
Chloride	**123**	20.0	1	11/17/23	11/17/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 4:18:53PM

S3-2'

E311116-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS			Batch: 2346098
Benzene	ND	0.0250	1	11/16/23	11/21/23	
Ethylbenzene	ND	0.0250	1	11/16/23	11/21/23	
Toluene	ND	0.0250	1	11/16/23	11/21/23	
o-Xylene	ND	0.0250	1	11/16/23	11/21/23	
p,m-Xylene	ND	0.0500	1	11/16/23	11/21/23	
Total Xylenes	ND	0.0250	1	11/16/23	11/21/23	
Surrogate: 4-Bromochlorobenzene-PID		*92.0 %*	*70-130*	*11/16/23*	*11/21/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2346098
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/23	11/21/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.1 %*	*70-130*	*11/16/23*	*11/21/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2346103
Diesel Range Organics (C10-C28)	ND	25.0	1	11/16/23	11/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/16/23	11/18/23	
Surrogate: n-Nonane		*98.7 %*	*50-200*	*11/16/23*	*11/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346108
Chloride	**92.1**	20.0	1	11/17/23	11/17/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 4:18:53PM

S3-3'

E311116-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS			Batch: 2346098
Benzene	ND	0.0250	1	11/16/23	11/21/23	
Ethylbenzene	ND	0.0250	1	11/16/23	11/21/23	
Toluene	ND	0.0250	1	11/16/23	11/21/23	
o-Xylene	ND	0.0250	1	11/16/23	11/21/23	
p,m-Xylene	ND	0.0500	1	11/16/23	11/21/23	
Total Xylenes	ND	0.0250	1	11/16/23	11/21/23	
Surrogate: 4-Bromochlorobenzene-PID		*90.7 %*	*70-130*	*11/16/23*	*11/21/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2346098
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/23	11/21/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.2 %*	*70-130*	*11/16/23*	*11/21/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2346103
Diesel Range Organics (C10-C28)	ND	25.0	1	11/16/23	11/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/16/23	11/18/23	
Surrogate: n-Nonane		*102 %*	*50-200*	*11/16/23*	*11/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346108
Chloride	**96.5**	20.0	1	11/17/23	11/17/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 4:18:53PM

S3-4'

E311116-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS			Batch: 2346098
Benzene	ND	0.0250	1	11/16/23	11/21/23	
Ethylbenzene	ND	0.0250	1	11/16/23	11/21/23	
Toluene	ND	0.0250	1	11/16/23	11/21/23	
o-Xylene	ND	0.0250	1	11/16/23	11/21/23	
p,m-Xylene	ND	0.0500	1	11/16/23	11/21/23	
Total Xylenes	ND	0.0250	1	11/16/23	11/21/23	
Surrogate: 4-Bromochlorobenzene-PID		*91.5 %*	*70-130*	*11/16/23*	*11/21/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2346098
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/23	11/21/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.0 %*	*70-130*	*11/16/23*	*11/21/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2346103
Diesel Range Organics (C10-C28)	**155**	25.0	1	11/16/23	11/18/23	
Oil Range Organics (C28-C36)	**90.8**	50.0	1	11/16/23	11/18/23	
Surrogate: n-Nonane		*106 %*	*50-200*	*11/16/23*	*11/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346108
Chloride	**39.9**	20.0	1	11/17/23	11/17/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 4:18:53PM

S4-1'

E311116-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS			Batch: 2346098
Benzene	ND	0.0250	1	11/16/23	11/21/23	
Ethylbenzene	ND	0.0250	1	11/16/23	11/21/23	
Toluene	ND	0.0250	1	11/16/23	11/21/23	
o-Xylene	ND	0.0250	1	11/16/23	11/21/23	
p,m-Xylene	ND	0.0500	1	11/16/23	11/21/23	
Total Xylenes	ND	0.0250	1	11/16/23	11/21/23	
Surrogate: 4-Bromochlorobenzene-PID		*90.9 %*	*70-130*	*11/16/23*	*11/21/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2346098
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/23	11/21/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.6 %*	*70-130*	*11/16/23*	*11/21/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2346103
Diesel Range Organics (C10-C28)	ND	25.0	1	11/16/23	11/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/16/23	11/18/23	
Surrogate: n-Nonane		*106 %*	*50-200*	*11/16/23*	*11/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346108
Chloride	**112**	20.0	1	11/17/23	11/17/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 4:18:53PM

S4-2'

E311116-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS			Batch: 2346098
Benzene	ND	0.0250	1	11/16/23	11/21/23	
Ethylbenzene	ND	0.0250	1	11/16/23	11/21/23	
Toluene	ND	0.0250	1	11/16/23	11/21/23	
o-Xylene	ND	0.0250	1	11/16/23	11/21/23	
p,m-Xylene	ND	0.0500	1	11/16/23	11/21/23	
Total Xylenes	ND	0.0250	1	11/16/23	11/21/23	
Surrogate: 4-Bromochlorobenzene-PID		*90.4 %*	*70-130*	*11/16/23*	*11/21/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2346098
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/23	11/21/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.0 %*	*70-130*	*11/16/23*	*11/21/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2346103
Diesel Range Organics (C10-C28)	ND	25.0	1	11/16/23	11/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/16/23	11/18/23	
Surrogate: n-Nonane		*104 %*	*50-200*	*11/16/23*	*11/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346108
Chloride	**95.6**	20.0	1	11/17/23	11/18/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 4:18:53PM

S4-3'

E311116-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS			Batch: 2346098
Benzene	ND	0.0250	1	11/16/23	11/21/23	
Ethylbenzene	ND	0.0250	1	11/16/23	11/21/23	
Toluene	ND	0.0250	1	11/16/23	11/21/23	
o-Xylene	ND	0.0250	1	11/16/23	11/21/23	
p,m-Xylene	ND	0.0500	1	11/16/23	11/21/23	
Total Xylenes	ND	0.0250	1	11/16/23	11/21/23	
Surrogate: 4-Bromochlorobenzene-PID		*89.8 %*	*70-130*	*11/16/23*	*11/21/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2346098
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/23	11/21/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.1 %*	*70-130*	*11/16/23*	*11/21/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2346103
Diesel Range Organics (C10-C28)	ND	25.0	1	11/16/23	11/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/16/23	11/18/23	
Surrogate: n-Nonane		*100 %*	*50-200*	*11/16/23*	*11/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346108
Chloride	**91.9**	20.0	1	11/17/23	11/18/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 4:18:53PM

S4-4'

E311116-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS			Batch: 2346098
Benzene	ND	0.0250	1	11/16/23	11/21/23	
Ethylbenzene	ND	0.0250	1	11/16/23	11/21/23	
Toluene	ND	0.0250	1	11/16/23	11/21/23	
o-Xylene	ND	0.0250	1	11/16/23	11/21/23	
p,m-Xylene	ND	0.0500	1	11/16/23	11/21/23	
Total Xylenes	ND	0.0250	1	11/16/23	11/21/23	
Surrogate: 4-Bromochlorobenzene-PID		*90.5 %*	*70-130*	*11/16/23*	*11/21/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2346098
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/23	11/21/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.4 %*	*70-130*	*11/16/23*	*11/21/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2346103
Diesel Range Organics (C10-C28)	**420**	25.0	1	11/16/23	11/18/23	
Oil Range Organics (C28-C36)	**239**	50.0	1	11/16/23	11/18/23	
Surrogate: n-Nonane		*105 %*	*50-200*	*11/16/23*	*11/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346108
Chloride	**49.6**	20.0	1	11/17/23	11/18/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 4:18:53PM

S5-1'

E311116-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS			Batch: 2346098
Benzene	ND	0.0250	1	11/16/23	11/21/23	
Ethylbenzene	ND	0.0250	1	11/16/23	11/21/23	
Toluene	ND	0.0250	1	11/16/23	11/21/23	
o-Xylene	ND	0.0250	1	11/16/23	11/21/23	
p,m-Xylene	ND	0.0500	1	11/16/23	11/21/23	
Total Xylenes	ND	0.0250	1	11/16/23	11/21/23	
Surrogate: 4-Bromochlorobenzene-PID		*90.2 %*	*70-130*	*11/16/23*	*11/21/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2346098
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/23	11/21/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.6 %*	*70-130*	*11/16/23*	*11/21/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2346103
Diesel Range Organics (C10-C28)	ND	25.0	1	11/16/23	11/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/16/23	11/18/23	
Surrogate: n-Nonane		*102 %*	*50-200*	*11/16/23*	*11/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346108
Chloride	**116**	20.0	1	11/17/23	11/18/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 4:18:53PM

S5-2'

E311116-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS			Batch: 2346098
Benzene	ND	0.0250	1	11/16/23	11/21/23	
Ethylbenzene	ND	0.0250	1	11/16/23	11/21/23	
Toluene	ND	0.0250	1	11/16/23	11/21/23	
o-Xylene	ND	0.0250	1	11/16/23	11/21/23	
p,m-Xylene	ND	0.0500	1	11/16/23	11/21/23	
Total Xylenes	ND	0.0250	1	11/16/23	11/21/23	
Surrogate: 4-Bromochlorobenzene-PID		*89.5 %*	*70-130*	*11/16/23*	*11/21/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2346098
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/23	11/21/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.5 %*	*70-130*	*11/16/23*	*11/21/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2346103
Diesel Range Organics (C10-C28)	**39.6**	25.0	1	11/16/23	11/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/16/23	11/18/23	
Surrogate: n-Nonane		*110 %*	*50-200*	*11/16/23*	*11/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346108
Chloride	**92.4**	20.0	1	11/17/23	11/18/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 4:18:53PM

S5-3'

E311116-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS			Batch: 2346098
Benzene	ND	0.0250	1	11/16/23	11/21/23	
Ethylbenzene	ND	0.0250	1	11/16/23	11/21/23	
Toluene	ND	0.0250	1	11/16/23	11/21/23	
o-Xylene	ND	0.0250	1	11/16/23	11/21/23	
p,m-Xylene	ND	0.0500	1	11/16/23	11/21/23	
Total Xylenes	ND	0.0250	1	11/16/23	11/21/23	
Surrogate: 4-Bromochlorobenzene-PID		*88.0 %*	*70-130*	*11/16/23*	*11/21/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2346098
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/23	11/21/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.8 %*	*70-130*	*11/16/23*	*11/21/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2346103
Diesel Range Organics (C10-C28)	ND	25.0	1	11/16/23	11/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/16/23	11/18/23	
Surrogate: n-Nonane		*102 %*	*50-200*	*11/16/23*	*11/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346108
Chloride	**93.0**	20.0	1	11/17/23	11/18/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 4:18:53PM

S5-4'

E311116-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS			Batch: 2346098
Benzene	ND	0.0250	1	11/16/23	11/21/23	
Ethylbenzene	ND	0.0250	1	11/16/23	11/21/23	
Toluene	ND	0.0250	1	11/16/23	11/21/23	
o-Xylene	ND	0.0250	1	11/16/23	11/21/23	
p,m-Xylene	ND	0.0500	1	11/16/23	11/21/23	
Total Xylenes	ND	0.0250	1	11/16/23	11/21/23	
Surrogate: 4-Bromochlorobenzene-PID		*89.9 %*	*70-130*	*11/16/23*	*11/21/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2346098
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/23	11/21/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.7 %*	*70-130*	*11/16/23*	*11/21/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2346103
Diesel Range Organics (C10-C28)	**245**	25.0	1	11/16/23	11/18/23	
Oil Range Organics (C28-C36)	**137**	50.0	1	11/16/23	11/18/23	
Surrogate: n-Nonane		*103 %*	*50-200*	*11/16/23*	*11/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346108
Chloride	**54.0**	20.0	1	11/17/23	11/18/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 4:18:53PM

SW1

E311116-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346097
Benzene	ND	0.0250	1	11/16/23	11/17/23	
Ethylbenzene	ND	0.0250	1	11/16/23	11/17/23	
Toluene	ND	0.0250	1	11/16/23	11/17/23	
o-Xylene	ND	0.0250	1	11/16/23	11/17/23	
p,m-Xylene	ND	0.0500	1	11/16/23	11/17/23	
Total Xylenes	ND	0.0250	1	11/16/23	11/17/23	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*11/16/23*	*11/17/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346097
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/23	11/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.1 %*	*70-130*	*11/16/23*	*11/17/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346104
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/23	11/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/17/23	11/18/23	
Surrogate: n-Nonane		*110 %*	*50-200*	*11/17/23*	*11/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346107
Chloride	**42.5**	20.0	1	11/17/23	11/21/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 4:18:53PM

SW2

E311116-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346097
Benzene	ND	0.0250	1	11/16/23	11/17/23	
Ethylbenzene	ND	0.0250	1	11/16/23	11/17/23	
Toluene	ND	0.0250	1	11/16/23	11/17/23	
o-Xylene	ND	0.0250	1	11/16/23	11/17/23	
p,m-Xylene	ND	0.0500	1	11/16/23	11/17/23	
Total Xylenes	ND	0.0250	1	11/16/23	11/17/23	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*11/16/23*	*11/17/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346097
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/23	11/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.1 %*	*70-130*	*11/16/23*	*11/17/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346104
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/23	11/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/17/23	11/18/23	
Surrogate: n-Nonane		*102 %*	*50-200*	*11/17/23*	*11/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346107
Chloride	**36.9**	20.0	1	11/17/23	11/21/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 4:18:53PM

SW3

E311116-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346097
Benzene	ND	0.0250	1	11/16/23	11/17/23	
Ethylbenzene	ND	0.0250	1	11/16/23	11/17/23	
Toluene	ND	0.0250	1	11/16/23	11/17/23	
o-Xylene	ND	0.0250	1	11/16/23	11/17/23	
p,m-Xylene	ND	0.0500	1	11/16/23	11/17/23	
Total Xylenes	ND	0.0250	1	11/16/23	11/17/23	
Surrogate: 4-Bromochlorobenzene-PID		*98.6 %*	*70-130*	*11/16/23*	*11/17/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346097
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/23	11/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.6 %*	*70-130*	*11/16/23*	*11/17/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346104
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/23	11/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/17/23	11/18/23	
Surrogate: n-Nonane		*101 %*	*50-200*	*11/17/23*	*11/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346107
Chloride	**30.3**	20.0	1	11/17/23	11/21/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 4:18:53PM

SW4

E311116-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346097
Benzene	ND	0.0250	1	11/16/23	11/17/23	
Ethylbenzene	ND	0.0250	1	11/16/23	11/17/23	
Toluene	ND	0.0250	1	11/16/23	11/17/23	
o-Xylene	ND	0.0250	1	11/16/23	11/17/23	
p,m-Xylene	ND	0.0500	1	11/16/23	11/17/23	
Total Xylenes	ND	0.0250	1	11/16/23	11/17/23	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*11/16/23*	*11/17/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346097
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/23	11/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.7 %*	*70-130*	*11/16/23*	*11/17/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346104
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/23	11/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/17/23	11/18/23	
Surrogate: n-Nonane		*98.5 %*	*50-200*	*11/17/23*	*11/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346107
Chloride	**43.5**	20.0	1	11/17/23	11/21/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 4:18:53PM

SW5

E311116-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346097
Benzene	ND	0.0250	1	11/16/23	11/17/23	
Ethylbenzene	ND	0.0250	1	11/16/23	11/17/23	
Toluene	ND	0.0250	1	11/16/23	11/17/23	
o-Xylene	ND	0.0250	1	11/16/23	11/17/23	
p,m-Xylene	ND	0.0500	1	11/16/23	11/17/23	
Total Xylenes	ND	0.0250	1	11/16/23	11/17/23	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*11/16/23*	*11/17/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346097
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/23	11/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.8 %*	*70-130*	*11/16/23*	*11/17/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346104
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/23	11/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/17/23	11/18/23	
Surrogate: n-Nonane		*110 %*	*50-200*	*11/17/23*	*11/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346107
Chloride	**26.1**	20.0	1	11/17/23	11/21/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 4:18:53PM

SW6

E311116-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346097
Benzene	ND	0.0250	1	11/16/23	11/17/23	
Ethylbenzene	ND	0.0250	1	11/16/23	11/17/23	
Toluene	ND	0.0250	1	11/16/23	11/17/23	
o-Xylene	ND	0.0250	1	11/16/23	11/17/23	
p,m-Xylene	ND	0.0500	1	11/16/23	11/17/23	
Total Xylenes	ND	0.0250	1	11/16/23	11/17/23	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*11/16/23*	*11/17/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346097
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/23	11/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.7 %*	*70-130*	*11/16/23*	*11/17/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346104
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/23	11/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/17/23	11/18/23	
Surrogate: n-Nonane		*111 %*	*50-200*	*11/17/23*	*11/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346107
Chloride	**37.4**	20.0	1	11/17/23	11/21/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 4:18:53PM

SW7

E311116-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346097
Benzene	ND	0.0250	1	11/16/23	11/17/23	
Ethylbenzene	ND	0.0250	1	11/16/23	11/17/23	
Toluene	ND	0.0250	1	11/16/23	11/17/23	
o-Xylene	ND	0.0250	1	11/16/23	11/17/23	
p,m-Xylene	ND	0.0500	1	11/16/23	11/17/23	
Total Xylenes	ND	0.0250	1	11/16/23	11/17/23	
Surrogate: 4-Bromochlorobenzene-PID		*99.3 %*	*70-130*	*11/16/23*	*11/17/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346097
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/23	11/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.1 %*	*70-130*	*11/16/23*	*11/17/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346104
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/23	11/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/17/23	11/18/23	
Surrogate: n-Nonane		*101 %*	*50-200*	*11/17/23*	*11/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346107
Chloride	**29.5**	20.0	1	11/17/23	11/21/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 4:18:53PM

SW8

E311116-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346097
Benzene	ND	0.0250	1	11/16/23	11/17/23	
Ethylbenzene	ND	0.0250	1	11/16/23	11/17/23	
Toluene	ND	0.0250	1	11/16/23	11/17/23	
o-Xylene	ND	0.0250	1	11/16/23	11/17/23	
p,m-Xylene	ND	0.0500	1	11/16/23	11/17/23	
Total Xylenes	ND	0.0250	1	11/16/23	11/17/23	
Surrogate: 4-Bromochlorobenzene-PID		*97.0 %*	*70-130*	*11/16/23*	*11/17/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346097
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/23	11/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.0 %*	*70-130*	*11/16/23*	*11/17/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346104
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/23	11/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/17/23	11/18/23	
Surrogate: n-Nonane		*105 %*	*50-200*	*11/17/23*	*11/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346107
Chloride	**32.4**	20.0	1	11/17/23	11/21/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 4:18:53PM

BG1

E311116-29

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346097
Benzene	ND	0.0250	1	11/16/23	11/17/23	
Ethylbenzene	ND	0.0250	1	11/16/23	11/17/23	
Toluene	ND	0.0250	1	11/16/23	11/17/23	
o-Xylene	ND	0.0250	1	11/16/23	11/17/23	
p,m-Xylene	ND	0.0500	1	11/16/23	11/17/23	
Total Xylenes	ND	0.0250	1	11/16/23	11/17/23	
Surrogate: 4-Bromochlorobenzene-PID		*98.8 %*	*70-130*	*11/16/23*	*11/17/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346097
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/16/23	11/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.1 %*	*70-130*	*11/16/23*	*11/17/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346104
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/23	11/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/17/23	11/18/23	
Surrogate: n-Nonane		*102 %*	*50-200*	*11/17/23*	*11/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346107
Chloride	**40.9**	20.0	1	11/17/23	11/21/23	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 4:18:53PM

Volatile Organics by EPA 8021B

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 (2346097-BLK1)									Prepared: 11/16/23 Analyzed: 11/17/23
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	*7.80*		*8.00*		*97.6*	*70-130*			
LCS (2346097-BS1)									Prepared: 11/16/23 Analyzed: 11/17/23
Benzene	4.68	0.0250	5.00		93.6	70-130			
Ethylbenzene	4.66	0.0250	5.00		93.3	70-130			
Toluene	4.69	0.0250	5.00		93.8	70-130			
o-Xylene	4.70	0.0250	5.00		94.0	70-130			
p,m-Xylene	9.51	0.0500	10.0		95.1	70-130			
Total Xylenes	14.2	0.0250	15.0		94.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.91*		*8.00*		*98.8*	*70-130*			
Matrix Spike (2346097-MS1)				**Source: E311115-22**					Prepared: 11/16/23 Analyzed: 11/17/23
Benzene	5.31	0.0250	5.00	ND	106	54-133			
Ethylbenzene	5.25	0.0250	5.00	ND	105	61-133			
Toluene	5.30	0.0250	5.00	ND	106	61-130			
o-Xylene	5.28	0.0250	5.00	ND	106	63-131			
p,m-Xylene	10.7	0.0500	10.0	ND	107	63-131			
Total Xylenes	16.0	0.0250	15.0	ND	107	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.97*		*8.00*		*99.7*	*70-130*			
Matrix Spike Dup (2346097-MSD1)				**Source: E311115-22**					Prepared: 11/16/23 Analyzed: 11/17/23
Benzene	5.21	0.0250	5.00	ND	104	54-133	1.82	20	
Ethylbenzene	5.16	0.0250	5.00	ND	103	61-133	1.81	20	
Toluene	5.19	0.0250	5.00	ND	104	61-130	2.07	20	
o-Xylene	5.18	0.0250	5.00	ND	104	63-131	1.91	20	
p,m-Xylene	10.5	0.0500	10.0	ND	105	63-131	2.03	20	
Total Xylenes	15.7	0.0250	15.0	ND	104	63-131	1.99	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.04*		*8.00*		*101*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 4:18:53PM

Volatile Organics by EPA 8021B

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2346098-BLK1)									Prepared: 11/16/23 Analyzed: 11/20/23
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	*7.74*		*8.00*		*96.8*	*70-130*			
LCS (2346098-BS1)									Prepared: 11/16/23 Analyzed: 11/20/23
Benzene	4.27	0.0250	5.00		85.3	70-130			
Ethylbenzene	4.41	0.0250	5.00		88.2	70-130			
Toluene	4.49	0.0250	5.00		89.9	70-130			
o-Xylene	4.55	0.0250	5.00		91.1	70-130			
p,m-Xylene	9.13	0.0500	10.0		91.3	70-130			
Total Xylenes	13.7	0.0250	15.0		91.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.68*		*8.00*		*96.0*	*70-130*			
Matrix Spike (2346098-MS1)				**Source: E311116-02**					Prepared: 11/16/23 Analyzed: 11/27/23
Benzene	5.04	0.0250	5.00	ND	101	54-133			
Ethylbenzene	4.85	0.0250	5.00	ND	96.9	61-133			
Toluene	5.04	0.0250	5.00	ND	101	61-130			
o-Xylene	4.95	0.0250	5.00	ND	99.0	63-131			
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131			
Total Xylenes	15.0	0.0250	15.0	ND	99.9	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.27*		*8.00*		*90.9*	*70-130*			
Matrix Spike Dup (2346098-MSD1)				**Source: E311116-02**					Prepared: 11/16/23 Analyzed: 11/27/23
Benzene	5.03	0.0250	5.00	ND	101	54-133	0.176	20	
Ethylbenzene	4.84	0.0250	5.00	ND	96.8	61-133	0.140	20	
Toluene	5.03	0.0250	5.00	ND	101	61-130	0.224	20	
o-Xylene	4.94	0.0250	5.00	ND	98.7	63-131	0.346	20	
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131	0.268	20	
Total Xylenes	14.9	0.0250	15.0	ND	99.6	63-131	0.294	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.21*		*8.00*		*90.1*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 4:18:53PM

Nonhalogenated Organics by EPA 8015D - GRO

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 (2346097-BLK1)									Prepared: 11/16/23 Analyzed: 11/17/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.42*		*8.00*		*92.7*	*70-130*			
LCS (2346097-BS2)									Prepared: 11/16/23 Analyzed: 11/17/23
Gasoline Range Organics (C6-C10)	49.5	20.0	50.0		99.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.47*		*8.00*		*93.3*	*70-130*			
Matrix Spike (2346097-MS2)				**Source: E311115-22**					Prepared: 11/16/23 Analyzed: 11/17/23
Gasoline Range Organics (C6-C10)	51.1	20.0	50.0	ND	102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.51*		*8.00*		*93.9*	*70-130*			
Matrix Spike Dup (2346097-MSD2)				**Source: E311115-22**					Prepared: 11/16/23 Analyzed: 11/17/23
Gasoline Range Organics (C6-C10)	48.6	20.0	50.0	ND	97.2	70-130	5.09	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.44*		*8.00*		*93.0*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 4:18:53PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2346098-BLK1)									Prepared: 11/16/23 Analyzed: 11/20/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.33*		*8.00*		*91.6*	*70-130*			
LCS (2346098-BS2)									Prepared: 11/16/23 Analyzed: 11/20/23
Gasoline Range Organics (C6-C10)	46.3	20.0	50.0		92.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.37*		*8.00*		*92.1*	*70-130*			
Matrix Spike (2346098-MS2)				**Source: E311116-02**					Prepared: 11/16/23 Analyzed: 11/20/23
Gasoline Range Organics (C6-C10)	42.8	20.0	50.0	ND	85.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.38*		*8.00*		*92.3*	*70-130*			
Matrix Spike Dup (2346098-MSD2)				**Source: E311116-02**					Prepared: 11/16/23 Analyzed: 11/21/23
Gasoline Range Organics (C6-C10)	46.1	20.0	50.0	ND	92.2	70-130	7.34	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.43*		*8.00*		*92.8*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 4:18:53PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2346103-BLK1)									Prepared: 11/16/23 Analyzed: 11/17/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*55.0*		*50.0*		*110*	*50-200*			
LCS (2346103-BS1)									Prepared: 11/16/23 Analyzed: 11/17/23
Diesel Range Organics (C10-C28)	286	25.0	250		115	38-132			
Surrogate: n-Nonane	*56.5*		*50.0*		*113*	*50-200*			
Matrix Spike (2346103-MS1)				**Source: E311116-05**					Prepared: 11/16/23 Analyzed: 11/17/23
Diesel Range Organics (C10-C28)	314	25.0	250	ND	126	38-132			
Surrogate: n-Nonane	*54.6*		*50.0*		*109*	*50-200*			
Matrix Spike Dup (2346103-MSD1)				**Source: E311116-05**					Prepared: 11/16/23 Analyzed: 11/17/23
Diesel Range Organics (C10-C28)	288	25.0	250	ND	115	38-132	8.50	20	
Surrogate: n-Nonane	*55.2*		*50.0*		*110*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 4:18:53PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2346104-BLK1)									Prepared: 11/17/23 Analyzed: 11/18/23
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 (2346104-BS1)									Prepared: 11/17/23 Analyzed: 11/18/23
Diesel Range Organics (C10-C28)	259	25.0	250		104	38-132			
Surrogate: n-Nonane	*52.3*		*50.0*		*105*	*50-200*			
Matrix Spike (2346104-MS1)				**Source: E311115-25**					Prepared: 11/17/23 Analyzed: 11/18/23
Diesel Range Organics (C10-C28)	279	25.0	250	ND	112	38-132			
Surrogate: n-Nonane	*52.4*		*50.0*		*105*	*50-200*			
Matrix Spike Dup (2346104-MSD1)				**Source: E311115-25**					Prepared: 11/17/23 Analyzed: 11/18/23
Diesel Range Organics (C10-C28)	289	25.0	250	ND	116	38-132	3.54	20	
Surrogate: n-Nonane	*52.7*		*50.0*		*105*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 4:18:53PM

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 (2346107-BLK1)									Prepared: 11/17/23 Analyzed: 11/20/23
Chloride	ND	20.0							
LCS (2346107-BS1)									Prepared: 11/17/23 Analyzed: 11/20/23
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2346107-MS1)				**Source: E311115-23**					Prepared: 11/17/23 Analyzed: 11/20/23
Chloride	300	20.0	250	44.4	102	80-120			
Matrix Spike Dup (2346107-MSD1)				**Source: E311115-23**					Prepared: 11/17/23 Analyzed: 11/20/23
Chloride	301	20.0	250	44.4	103	80-120	0.550	20	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/2023 4:18:53PM

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 (2346108-BLK1)									Prepared: 11/17/23 Analyzed: 11/17/23
Chloride	ND	20.0							
LCS (2346108-BS1)									Prepared: 11/17/23 Analyzed: 11/17/23
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2346108-MS1)				**Source: E311116-02**					Prepared: 11/17/23 Analyzed: 11/17/23
Chloride	337	20.0	250	80.9	102	80-120			
Matrix Spike Dup (2346108-MSD1)				**Source: E311116-02**					Prepared: 11/17/23 Analyzed: 11/17/23
Chloride	332	20.0	250	80.9	101	80-120	1.41	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:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/27/23 16:18

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.

Released to Imaging: 7/1/2025 11:29:28 AM
Received by OCD: 6/24/2025 9:45:27 AM

Project Information | Chain of Custody | Page 1 of 3

Client: Pima Environmental Services	Bill To	Lab Use Only
Project: Cotton Draw Unit #117 H	Attention: Devon	Lab WO# E311116
Project Manager: Tom Bynum	Address:	Job Number 01058-0007
Address: 5614 N. Lovington Hwy.	City, State, Zip	
City, State, Zip Hobbs, NM, 88240	Phone:	
Phone: 580-748-1613	Email:	
Email: tom@pimaoil.com	Pima Project # 282	
Report due by:		

TAT				EPA Program	
1D	2D	3D	Standard	CWA	SDWA
			X		
					RCRA

State: NM X | CO | UT | AZ | TX

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
1:00	11/10	S		S1-1'	1							X		
1:09				S1-2'	2									
1:13				S1-3'	3									
1:17				S1-4'	4									
1:18				S2-1'	5									
1:19				S2-2'	6									
1:21				S2-3'	7									
1:25				S2-4'	8									
1:33				S3-1'	9									
1:39				S3-2'	10									

Additional Instructions: BH21146174

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Kerrine Adams			Noelle Cuyle	11-13-23	1500
Noelle Cuyle	11-13-23	1715	Andrew Nesso	11.13.23	1830
Andrew Nesso	11.13.23	2400	Jmantine	11/14/23	8:32

Lab Use Only — Received on ice: Y / N

T1 T2 T3

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.

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Released to Imaging: 7/1/2025 11:29:28 AM
Received by OCD: 6/24/2025 9:45:27 AM

Project Information | Chain of Custody | Page 2 of 3

Client: Pima Environmental Services	Bill To
Project: Cotton Draw Unit #117H	Attention: Devon
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM. 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 282
Report due by:	

Lab Use Only: Lab WO# E311146 | Job Number 01058-0007

TAT: 1D | 2D | 3D | Standard (X)

EPA Program: CWA | SDWA | RCRA

State: NM (X) | CO | UT | AZ | TX

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
1:45	11/10	S		S3 - 3'	11	X	
1:51				S3 - 4'	12		
1:55				S4 - 1'	13		
2:03				S4 - 2'	14		
2:11				S4 - 3'	15		
2:13				S4 - 4'	16		
2:17				S5 - 1'	17		
2:19				S5 - 2'	18		
2:25				S5 - 3'	19		
2:31				S5 - 4'	20		

Additional Instructions: ~~B#~~ 21146174

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karime Adame			[signature]	11-13-23	1500
[signature]	11-13-23	1715	[signature]	11.13.23	1830
[signature]	11.13.23	2400	[signature]	11/14/23	8:32

Lab Use Only: Received on ice: (Y) / N; T1 ____ T2 ____ T3 ____; 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.

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Released to Imaging: 7/1/2025 11:29:28 AM
Received by OCD: 6/24/2025 9:45:27 AM

Project Information | Chain of Custody | Page 3 of 3

Client: Pima Environmental Services	Bill To	Lab Use Only
Project: Cotton Draw Unit #117H	Attention: Deyon	Lab WO# E311140
Project Manager: Tom Bynum	Address:	Job Number 01058-0007
Address: 5614 N. Lovington Hwy.	City, State, Zip	
City, State, Zip Hobbs, NM, 88240	Phone:	
Phone: 580-748-1613	Email:	
Email: tom@pimaoil.com	Pima Project # 282	
Report due by:		

TAT				EPA Program	
1D	2D	3D	Standard	CWA	SDWA
			X		
					RCRA

State: NM | CO | UT | AZ | TX

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
2:39	11/10	S		SW1	21									X				
2:42				SW2	22													
2:49				SW3	23													
2:51				SW4	24													
2:55				SW5	25													
3:06				SW6	26													
3:11				SW7	27													
3:13				SW8	28													
3:21				BG1	29													

Analysis and Method

Additional Instructions: BH 21146174

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karime Adame			Michelle Gaylor	11-13-23	1500
Michelle Gaylor	11-13-23	1715	Andrew Munoz	11.13.23	1830
Andrew Munoz	11.13.23	2400		11/14/23	8:32

Lab Use Only
Received on ice: Y / N
T1 T2 T3
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.

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Envirotech Analytical Laboratory

Printed: 11/14/2023 8:43:14AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Pima Environmental Services-Carlsbad	Date Received:	11/14/23 08:32	Work Order ID:	E311116
Phone:	(575) 631-6977	Date Logged In:	11/14/23 08:32	Logged In By:	Jordan Montano
Email:	tom@pimaoil.com	Due Date:	11/20/23 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

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

Comments/Resolution

Sampled by not provided on COC or samples.

Client Instruction

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

Date

envirotech Inc.

Report to:

Tom Bynum



5796 U.S. Hwy 64
Farmington, NM 87401

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

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Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Cotton Draw Unit #117H
Work Order:	E312052
Job Number:	01058-0007
Received:	12/8/2023

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
12/13/23

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

Date Reported: 12/13/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Cotton Draw Unit #117H
Workorder: E312052
Date Received: 12/8/2023 1:00:00PM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/8/2023 1:00:00PM, under the Project Name: Cotton Draw Unit #117H.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit #117H 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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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

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

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

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

Michelle Golzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	12/13/23 15:19

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S3-5'	E312052-01A	Soil	12/06/23	12/08/23	Glass Jar, 2 oz.
S4-5'	E312052-02A	Soil	12/06/23	12/08/23	Glass Jar, 2 oz.
S5-5'	E312052-03A	Soil	12/06/23	12/08/23	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	12/13/2023 3:19:28PM

S3-5'

E312052-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS			Batch: 2350013
Benzene	ND	0.0250	1	12/11/23	12/11/23	
Ethylbenzene	ND	0.0250	1	12/11/23	12/11/23	
Toluene	ND	0.0250	1	12/11/23	12/11/23	
o-Xylene	ND	0.0250	1	12/11/23	12/11/23	
p,m-Xylene	ND	0.0500	1	12/11/23	12/11/23	
Total Xylenes	ND	0.0250	1	12/11/23	12/11/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.8 %*	*70-130*	*12/11/23*	*12/11/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2350013
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/11/23	12/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.1 %*	*70-130*	*12/11/23*	*12/11/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2350029
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/23	12/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/23	12/12/23	
Surrogate: n-Nonane		*82.5 %*	*50-200*	*12/12/23*	*12/12/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2350011
Chloride	**25.2**	20.0	1	12/11/23	12/12/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	12/13/2023 3:19:28PM

S4-5'

E312052-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS			Batch: 2350013
Benzene	ND	0.0250	1	12/11/23	12/11/23	
Ethylbenzene	ND	0.0250	1	12/11/23	12/11/23	
Toluene	ND	0.0250	1	12/11/23	12/11/23	
o-Xylene	ND	0.0250	1	12/11/23	12/11/23	
p,m-Xylene	ND	0.0500	1	12/11/23	12/11/23	
Total Xylenes	ND	0.0250	1	12/11/23	12/11/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.1 %*	*70-130*	*12/11/23*	*12/11/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2350013
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/11/23	12/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.4 %*	*70-130*	*12/11/23*	*12/11/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2350029
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/23	12/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/23	12/12/23	
Surrogate: n-Nonane		*79.2 %*	*50-200*	*12/12/23*	*12/12/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2350011
Chloride	**58.8**	20.0	1	12/11/23	12/12/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	12/13/2023 3:19:28PM

S5-5'

E312052-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS			Batch: 2350013
Benzene	ND	0.0250	1	12/11/23	12/11/23	
Ethylbenzene	ND	0.0250	1	12/11/23	12/11/23	
Toluene	ND	0.0250	1	12/11/23	12/11/23	
o-Xylene	ND	0.0250	1	12/11/23	12/11/23	
p,m-Xylene	ND	0.0500	1	12/11/23	12/11/23	
Total Xylenes	ND	0.0250	1	12/11/23	12/11/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.8 %*	*70-130*	*12/11/23*	*12/11/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2350013
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/11/23	12/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.5 %*	*70-130*	*12/11/23*	*12/11/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2350029
Diesel Range Organics (C10-C28)	ND	25.0	1	12/12/23	12/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/12/23	12/12/23	
Surrogate: n-Nonane		*79.2 %*	*50-200*	*12/12/23*	*12/12/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2350011
Chloride	**39.1**	20.0	1	12/11/23	12/12/23	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	12/13/2023 3:19:28PM

Volatile Organics by EPA 8021B

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2350013-BLK1)									Prepared: 12/11/23 Analyzed: 12/11/23
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	*7.74*		*8.00*		*96.7*	*70-130*			
LCS (2350013-BS1)									Prepared: 12/11/23 Analyzed: 12/11/23
Benzene	4.43	0.0250	5.00		88.6	70-130			
Ethylbenzene	4.59	0.0250	5.00		91.7	70-130			
Toluene	4.67	0.0250	5.00		93.4	70-130			
o-Xylene	4.72	0.0250	5.00		94.5	70-130			
p,m-Xylene	9.49	0.0500	10.0		94.9	70-130			
Total Xylenes	14.2	0.0250	15.0		94.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.61*		*8.00*		*95.1*	*70-130*			
Matrix Spike (2350013-MS1)				**Source: E312061-05**					Prepared: 12/11/23 Analyzed: 12/11/23
Benzene	4.51	0.0250	5.00	ND	90.3	54-133			
Ethylbenzene	4.69	0.0250	5.00	ND	93.9	61-133			
Toluene	4.77	0.0250	5.00	ND	95.5	61-130			
o-Xylene	4.84	0.0250	5.00	ND	96.7	63-131			
p,m-Xylene	9.71	0.0500	10.0	ND	97.1	63-131			
Total Xylenes	14.5	0.0250	15.0	ND	97.0	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.90*		*8.00*		*98.8*	*70-130*			
Matrix Spike Dup (2350013-MSD1)				**Source: E312061-05**					Prepared: 12/11/23 Analyzed: 12/11/23
Benzene	4.43	0.0250	5.00	ND	88.6	54-133	1.92	20	
Ethylbenzene	4.59	0.0250	5.00	ND	91.8	61-133	2.26	20	
Toluene	4.67	0.0250	5.00	ND	93.5	61-130	2.08	20	
o-Xylene	4.75	0.0250	5.00	ND	95.1	63-131	1.74	20	
p,m-Xylene	9.50	0.0500	10.0	ND	95.0	63-131	2.20	20	
Total Xylenes	14.2	0.0250	15.0	ND	95.0	63-131	2.05	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.74*		*8.00*		*96.8*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	12/13/2023 3:19:28PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2350013-BLK1)									Prepared: 12/11/23 Analyzed: 12/11/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.01*		*8.00*		*87.6*	*70-130*			
LCS (2350013-BS2)									Prepared: 12/11/23 Analyzed: 12/11/23
Gasoline Range Organics (C6-C10)	43.1	20.0	50.0		86.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.15*		*8.00*		*89.4*	*70-130*			
Matrix Spike (2350013-MS2)				**Source: E312061-05**					Prepared: 12/11/23 Analyzed: 12/11/23
Gasoline Range Organics (C6-C10)	43.6	20.0	50.0	ND	87.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.05*		*8.00*		*88.2*	*70-130*			
Matrix Spike Dup (2350013-MSD2)				**Source: E312061-05**					Prepared: 12/11/23 Analyzed: 12/11/23
Gasoline Range Organics (C6-C10)	41.8	20.0	50.0	ND	83.5	70-130	4.31	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.16*		*8.00*		*89.5*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	12/13/2023 3:19:28PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2350029-BLK1)									Prepared: 12/12/23 Analyzed: 12/12/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*41.9*		*50.0*		*83.9*	*50-200*			
LCS (2350029-BS1)									Prepared: 12/12/23 Analyzed: 12/12/23
Diesel Range Organics (C10-C28)	210	25.0	250		84.0	38-132			
Surrogate: n-Nonane	*42.7*		*50.0*		*85.3*	*50-200*			
Matrix Spike (2350029-MS1)				**Source: E312044-26**					Prepared: 12/12/23 Analyzed: 12/12/23
Diesel Range Organics (C10-C28)	229	25.0	250	ND	91.6	38-132			
Surrogate: n-Nonane	*44.5*		*50.0*		*89.0*	*50-200*			
Matrix Spike Dup (2350029-MSD1)				**Source: E312044-26**					Prepared: 12/12/23 Analyzed: 12/12/23
Diesel Range Organics (C10-C28)	246	25.0	250	ND	98.5	38-132	7.30	20	
Surrogate: n-Nonane	*45.3*		*50.0*		*90.5*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	12/13/2023 3:19:28PM

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 (2350011-BLK1)									Prepared: 12/11/23 Analyzed: 12/12/23
Chloride	ND	20.0							
LCS (2350011-BS1)									Prepared: 12/11/23 Analyzed: 12/12/23
Chloride	245	20.0	250		98.1	90-110			
Matrix Spike (2350011-MS1)				**Source: E312050-03**					Prepared: 12/11/23 Analyzed: 12/12/23
Chloride	353	200	250	ND	141	80-120			M5
Matrix Spike Dup (2350011-MSD1)				**Source: E312050-03**					Prepared: 12/11/23 Analyzed: 12/12/23
Chloride	359	200	250	ND	144	80-120	1.64	20	M5

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:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	12/13/23 15:19

M5	The analysis of the MS sample required a dilution such that the spike recovery calculation does not provide useful information. The accociated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
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.

Released to Imaging: 7/1/2025 11:29:28 AM
Received by OCD: 6/24/2025 9:45:27 AM

Project Information | Chain of Custody | Page 1 of 1

Client: Pima Environmental Services	Bill To
Project: Cotton Draw Unit 117 H	Attention: Devon
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 282
Report due by:	

Lab Use Only: Lab WO# E362052 | Job Number 01058-0007

TAT: 1D | 2D | 3D | Standard (X)

EPA Program: CWA | SDWA | RCRA

State: NM (X) | CO | UT | AZ | TX

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
8:30	12/6	S	1	S3-5'	1	X	
8:42	"	"	"	S4-5'	2	"	
8:58	"	"	"	S5-5'	3	"	

Additional Instructions: B# 21146174

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Korime Adame			Michelle Gaytan	12-7-23	1445
Michelle Gaytan	12-7-23	1730	Andrew Hobbs	12.8.23	0700
Andrew Hobbs	12.8.23	1300		12.8.23	1300

Lab Use Only — Received on ice: (Y) N; T1 ____ T2 ____ T3 ____; 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

Envirotech Analytical Laboratory

Printed: 12/11/2023 12:40:03PM

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:	12/08/23 13:00	Work Order ID:	E312052
Phone:	(575) 631-6977	Date Logged In:	12/08/23 14:00	Logged In By:	Alexa Michaels
Email:	tom@pimaoil.com	Due Date:	12/18/23 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	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

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 Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
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 filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

Report to:

Tom Bynum









5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Cotton Draw Unit #117H
Work Order:	E408060
Job Number:	01058-0007
Received:	8/7/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/13/24

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.
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Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 8/13/24

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Cotton Draw Unit #117H
Workorder: E408060
Date Received: 8/7/2024 10:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/7/2024 10:30:00AM, under the Project Name: Cotton Draw Unit #117H.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit #117H 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 reguarding 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

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	08/13/24 12:51

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1-1'	E408060-01A	Soil	08/01/24	08/07/24	Glass Jar, 2 oz.
S1-2'	E408060-02A	Soil	08/01/24	08/07/24	Glass Jar, 2 oz.
S1-3'	E408060-03A	Soil	08/01/24	08/07/24	Glass Jar, 2 oz.
S1-4'	E408060-04A	Soil	08/01/24	08/07/24	Glass Jar, 2 oz.
S2-1'	E408060-05A	Soil	08/01/24	08/07/24	Glass Jar, 2 oz.
S2-2'	E408060-06A	Soil	08/01/24	08/07/24	Glass Jar, 2 oz.
S2-3'	E408060-07A	Soil	08/01/24	08/07/24	Glass Jar, 2 oz.
S2-4'	E408060-08A	Soil	08/01/24	08/07/24	Glass Jar, 2 oz.
S3-1'	E408060-09A	Soil	08/01/24	08/07/24	Glass Jar, 2 oz.
S3-2'	E408060-10A	Soil	08/01/24	08/07/24	Glass Jar, 2 oz.
S3-3'	E408060-11A	Soil	08/01/24	08/07/24	Glass Jar, 2 oz.
S3-4'	E408060-12A	Soil	08/01/24	08/07/24	Glass Jar, 2 oz.
S3-5'	E408060-13A	Soil	08/01/24	08/07/24	Glass Jar, 2 oz.
S4-1'	E408060-14A	Soil	08/01/24	08/07/24	Glass Jar, 2 oz.
S4-2'	E408060-15A	Soil	08/01/24	08/07/24	Glass Jar, 2 oz.
S4-3'	E408060-16A	Soil	08/01/24	08/07/24	Glass Jar, 2 oz.
S4-4'	E408060-17A	Soil	08/01/24	08/07/24	Glass Jar, 2 oz.
S4-5'	E408060-18A	Soil	08/01/24	08/07/24	Glass Jar, 2 oz.
S5-1'	E408060-19A	Soil	08/01/24	08/07/24	Glass Jar, 2 oz.
S5-2'	E408060-20A	Soil	08/01/24	08/07/24	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/13/2024 12:51:45PM

S1-1'

E408060-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2432076
Benzene	ND	0.0250	1	08/07/24	08/09/24	
Ethylbenzene	ND	0.0250	1	08/07/24	08/09/24	
Toluene	ND	0.0250	1	08/07/24	08/09/24	
o-Xylene	ND	0.0250	1	08/07/24	08/09/24	
p,m-Xylene	ND	0.0500	1	08/07/24	08/09/24	
Total Xylenes	ND	0.0250	1	08/07/24	08/09/24	
Surrogate: 4-Bromochlorobenzene-PID		*90.2 %*	*70-130*	*08/07/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2432076
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/07/24	08/09/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*105 %*	*70-130*	*08/07/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2432069
Diesel Range Organics (C10-C28)	ND	25.0	1	08/07/24	08/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/07/24	08/10/24	
Surrogate: n-Nonane		*88.7 %*	*50-200*	*08/07/24*	*08/10/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2432108
Chloride	**1700**	20.0	1	08/08/24	08/09/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/13/2024 12:51:45PM

S1-2'

E408060-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2432076
Benzene	ND	0.0250	1	08/07/24	08/09/24	
Ethylbenzene	ND	0.0250	1	08/07/24	08/09/24	
Toluene	ND	0.0250	1	08/07/24	08/09/24	
o-Xylene	ND	0.0250	1	08/07/24	08/09/24	
p,m-Xylene	ND	0.0500	1	08/07/24	08/09/24	
Total Xylenes	ND	0.0250	1	08/07/24	08/09/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.2 %*	*70-130*	*08/07/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2432076
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/07/24	08/09/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*104 %*	*70-130*	*08/07/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2432069
Diesel Range Organics (C10-C28)	**1410**	50.0	2	08/07/24	08/10/24	
Oil Range Organics (C28-C36)	**1050**	100	2	08/07/24	08/10/24	
Surrogate: n-Nonane		*105 %*	*50-200*	*08/07/24*	*08/10/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2432108
Chloride	ND	20.0	1	08/08/24	08/09/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/13/2024 12:51:45PM

S1-3'

E408060-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2432076
Benzene	ND	0.0250	1	08/07/24	08/09/24	
Ethylbenzene	ND	0.0250	1	08/07/24	08/09/24	
Toluene	ND	0.0250	1	08/07/24	08/09/24	
o-Xylene	ND	0.0250	1	08/07/24	08/09/24	
p,m-Xylene	ND	0.0500	1	08/07/24	08/09/24	
Total Xylenes	ND	0.0250	1	08/07/24	08/09/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.0 %*	*70-130*	*08/07/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2432076
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/07/24	08/09/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*104 %*	*70-130*	*08/07/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2432069
Diesel Range Organics (C10-C28)	**36.9**	25.0	1	08/07/24	08/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/07/24	08/10/24	
Surrogate: n-Nonane		*99.0 %*	*50-200*	*08/07/24*	*08/10/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2432108
Chloride	ND	20.0	1	08/08/24	08/09/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/13/2024 12:51:45PM

S1-4'

E408060-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2432076
Benzene	ND	0.0250	1	08/07/24	08/09/24	
Ethylbenzene	ND	0.0250	1	08/07/24	08/09/24	
Toluene	ND	0.0250	1	08/07/24	08/09/24	
o-Xylene	ND	0.0250	1	08/07/24	08/09/24	
p,m-Xylene	ND	0.0500	1	08/07/24	08/09/24	
Total Xylenes	ND	0.0250	1	08/07/24	08/09/24	
Surrogate: 4-Bromochlorobenzene-PID		*90.8 %*	*70-130*	*08/07/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2432076
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/07/24	08/09/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*105 %*	*70-130*	*08/07/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2432069
Diesel Range Organics (C10-C28)	**194**	25.0	1	08/07/24	08/10/24	
Oil Range Organics (C28-C36)	**143**	50.0	1	08/07/24	08/10/24	
Surrogate: n-Nonane		*101 %*	*50-200*	*08/07/24*	*08/10/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2432108
Chloride	ND	20.0	1	08/08/24	08/09/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/13/2024 12:51:45PM

S2-1'

E408060-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2432076
Benzene	ND	0.0250	1	08/07/24	08/09/24	
Ethylbenzene	ND	0.0250	1	08/07/24	08/09/24	
Toluene	ND	0.0250	1	08/07/24	08/09/24	
o-Xylene	ND	0.0250	1	08/07/24	08/09/24	
p,m-Xylene	ND	0.0500	1	08/07/24	08/09/24	
Total Xylenes	ND	0.0250	1	08/07/24	08/09/24	
Surrogate: 4-Bromochlorobenzene-PID		*90.9 %*	*70-130*	*08/07/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2432076
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/07/24	08/09/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*105 %*	*70-130*	*08/07/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2432069
Diesel Range Organics (C10-C28)	ND	25.0	1	08/07/24	08/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/07/24	08/10/24	
Surrogate: n-Nonane		*99.9 %*	*50-200*	*08/07/24*	*08/10/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2432108
Chloride	**1670**	20.0	1	08/08/24	08/09/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/13/2024 12:51:45PM

S2-2'

E408060-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2432076
Benzene	ND	0.0250	1	08/07/24	08/09/24	
Ethylbenzene	ND	0.0250	1	08/07/24	08/09/24	
Toluene	ND	0.0250	1	08/07/24	08/09/24	
o-Xylene	ND	0.0250	1	08/07/24	08/09/24	
p,m-Xylene	ND	0.0500	1	08/07/24	08/09/24	
Total Xylenes	ND	0.0250	1	08/07/24	08/09/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.4 %*	*70-130*	*08/07/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2432076
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/07/24	08/09/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*104 %*	*70-130*	*08/07/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2432069
Diesel Range Organics (C10-C28)	**1100**	50.0	2	08/07/24	08/10/24	
Oil Range Organics (C28-C36)	**876**	100	2	08/07/24	08/10/24	
Surrogate: n-Nonane		*99.8 %*	*50-200*	*08/07/24*	*08/10/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2432108
Chloride	ND	20.0	1	08/08/24	08/09/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/13/2024 12:51:45PM

S2-3'

E408060-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2432076
Benzene	ND	0.0250	1	08/07/24	08/09/24	
Ethylbenzene	ND	0.0250	1	08/07/24	08/09/24	
Toluene	ND	0.0250	1	08/07/24	08/09/24	
o-Xylene	ND	0.0250	1	08/07/24	08/09/24	
p,m-Xylene	ND	0.0500	1	08/07/24	08/09/24	
Total Xylenes	ND	0.0250	1	08/07/24	08/09/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.0 %*	*70-130*	*08/07/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2432076
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/07/24	08/09/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*105 %*	*70-130*	*08/07/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2432069
Diesel Range Organics (C10-C28)	ND	25.0	1	08/07/24	08/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/07/24	08/10/24	
Surrogate: n-Nonane		*94.0 %*	*50-200*	*08/07/24*	*08/10/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2432108
Chloride	ND	20.0	1	08/08/24	08/09/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/13/2024 12:51:45PM

S2-4'

E408060-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2432076
Benzene	ND	0.0250	1	08/07/24	08/09/24	
Ethylbenzene	ND	0.0250	1	08/07/24	08/09/24	
Toluene	ND	0.0250	1	08/07/24	08/09/24	
o-Xylene	ND	0.0250	1	08/07/24	08/09/24	
p,m-Xylene	ND	0.0500	1	08/07/24	08/09/24	
Total Xylenes	ND	0.0250	1	08/07/24	08/09/24	
Surrogate: 4-Bromochlorobenzene-PID		*90.4 %*	*70-130*	*08/07/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2432076
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/07/24	08/09/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*104 %*	*70-130*	*08/07/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2432069
Diesel Range Organics (C10-C28)	**45.6**	25.0	1	08/07/24	08/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/07/24	08/10/24	
Surrogate: n-Nonane		*95.5 %*	*50-200*	*08/07/24*	*08/10/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2432108
Chloride	ND	20.0	1	08/08/24	08/09/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/13/2024 12:51:45PM

S3-1'

E408060-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2432076
Benzene	ND	0.0250	1	08/07/24	08/09/24	
Ethylbenzene	ND	0.0250	1	08/07/24	08/09/24	
Toluene	ND	0.0250	1	08/07/24	08/09/24	
o-Xylene	ND	0.0250	1	08/07/24	08/09/24	
p,m-Xylene	ND	0.0500	1	08/07/24	08/09/24	
Total Xylenes	ND	0.0250	1	08/07/24	08/09/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.4 %*	*70-130*	*08/07/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2432076
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/07/24	08/09/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*105 %*	*70-130*	*08/07/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2432069
Diesel Range Organics (C10-C28)	ND	25.0	1	08/07/24	08/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/07/24	08/10/24	
Surrogate: n-Nonane		*96.7 %*	*50-200*	*08/07/24*	*08/10/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2432108
Chloride	**141**	20.0	1	08/08/24	08/09/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/13/2024 12:51:45PM

S3-2'

E408060-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2432076
Benzene	ND	0.0250	1	08/07/24	08/09/24	
Ethylbenzene	ND	0.0250	1	08/07/24	08/09/24	
Toluene	ND	0.0250	1	08/07/24	08/09/24	
o-Xylene	ND	0.0250	1	08/07/24	08/09/24	
p,m-Xylene	ND	0.0500	1	08/07/24	08/09/24	
Total Xylenes	ND	0.0250	1	08/07/24	08/09/24	
Surrogate: 4-Bromochlorobenzene-PID		*90.6 %*	*70-130*	*08/07/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2432076
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/07/24	08/09/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*104 %*	*70-130*	*08/07/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2432069
Diesel Range Organics (C10-C28)	**937**	50.0	2	08/07/24	08/10/24	
Oil Range Organics (C28-C36)	**829**	100	2	08/07/24	08/10/24	
Surrogate: n-Nonane		*100 %*	*50-200*	*08/07/24*	*08/10/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2432108
Chloride	ND	20.0	1	08/08/24	08/09/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/13/2024 12:51:45PM

S3-3'

E408060-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2432076
Benzene	ND	0.0250	1	08/07/24	08/09/24	
Ethylbenzene	ND	0.0250	1	08/07/24	08/09/24	
Toluene	ND	0.0250	1	08/07/24	08/09/24	
o-Xylene	ND	0.0250	1	08/07/24	08/09/24	
p,m-Xylene	ND	0.0500	1	08/07/24	08/09/24	
Total Xylenes	ND	0.0250	1	08/07/24	08/09/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.1 %*	*70-130*	*08/07/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2432076
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/07/24	08/09/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*104 %*	*70-130*	*08/07/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2432069
Diesel Range Organics (C10-C28)	**37.1**	25.0	1	08/07/24	08/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/07/24	08/10/24	
Surrogate: n-Nonane		*85.1 %*	*50-200*	*08/07/24*	*08/10/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2432108
Chloride	ND	20.0	1	08/08/24	08/09/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/13/2024 12:51:45PM

S3-4'

E408060-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2432076
Benzene	ND	0.0250	1	08/07/24	08/09/24	
Ethylbenzene	ND	0.0250	1	08/07/24	08/09/24	
Toluene	ND	0.0250	1	08/07/24	08/09/24	
o-Xylene	ND	0.0250	1	08/07/24	08/09/24	
p,m-Xylene	ND	0.0500	1	08/07/24	08/09/24	
Total Xylenes	ND	0.0250	1	08/07/24	08/09/24	
Surrogate: 4-Bromochlorobenzene-PID		*90.7 %*	*70-130*	*08/07/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2432076
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/07/24	08/09/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*105 %*	*70-130*	*08/07/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2432069
Diesel Range Organics (C10-C28)	ND	25.0	1	08/07/24	08/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/07/24	08/10/24	
Surrogate: n-Nonane		*99.0 %*	*50-200*	*08/07/24*	*08/10/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2432108
Chloride	ND	20.0	1	08/08/24	08/09/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/13/2024 12:51:45PM

S3-5'

E408060-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2432076
Benzene	ND	0.0250	1	08/07/24	08/09/24	
Ethylbenzene	ND	0.0250	1	08/07/24	08/09/24	
Toluene	ND	0.0250	1	08/07/24	08/09/24	
o-Xylene	ND	0.0250	1	08/07/24	08/09/24	
p,m-Xylene	ND	0.0500	1	08/07/24	08/09/24	
Total Xylenes	ND	0.0250	1	08/07/24	08/09/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.0 %*	*70-130*	*08/07/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2432076
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/07/24	08/09/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*104 %*	*70-130*	*08/07/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2432069
Diesel Range Organics (C10-C28)	ND	25.0	1	08/07/24	08/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/07/24	08/10/24	
Surrogate: n-Nonane		*99.4 %*	*50-200*	*08/07/24*	*08/10/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2432108
Chloride	ND	20.0	1	08/08/24	08/09/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/13/2024 12:51:45PM

S4-1'

E408060-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2432076
Benzene	ND	0.0250	1	08/07/24	08/09/24	
Ethylbenzene	ND	0.0250	1	08/07/24	08/09/24	
Toluene	ND	0.0250	1	08/07/24	08/09/24	
o-Xylene	ND	0.0250	1	08/07/24	08/09/24	
p,m-Xylene	ND	0.0500	1	08/07/24	08/09/24	
Total Xylenes	ND	0.0250	1	08/07/24	08/09/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.1 %*	*70-130*	*08/07/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2432076
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/07/24	08/09/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*104 %*	*70-130*	*08/07/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2432069
Diesel Range Organics (C10-C28)	ND	25.0	1	08/07/24	08/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/07/24	08/13/24	
Surrogate: n-Nonane		*95.5 %*	*50-200*	*08/07/24*	*08/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2432108
Chloride	**104**	20.0	1	08/08/24	08/09/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/13/2024 12:51:45PM

S4-2'

E408060-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2432076
Benzene	ND	0.0250	1	08/07/24	08/09/24	
Ethylbenzene	ND	0.0250	1	08/07/24	08/09/24	
Toluene	ND	0.0250	1	08/07/24	08/09/24	
o-Xylene	ND	0.0250	1	08/07/24	08/09/24	
p,m-Xylene	ND	0.0500	1	08/07/24	08/09/24	
Total Xylenes	ND	0.0250	1	08/07/24	08/09/24	
Surrogate: 4-Bromochlorobenzene-PID		*90.6 %*	*70-130*	*08/07/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2432076
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/07/24	08/09/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*103 %*	*70-130*	*08/07/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2432069
Diesel Range Organics (C10-C28)	**923**	50.0	2	08/07/24	08/10/24	
Oil Range Organics (C28-C36)	**776**	100	2	08/07/24	08/10/24	
Surrogate: n-Nonane		*101 %*	*50-200*	*08/07/24*	*08/10/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2432108
Chloride	ND	20.0	1	08/08/24	08/09/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/13/2024 12:51:45PM

S4-3'

E408060-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2432076
Benzene	ND	0.0250	1	08/07/24	08/09/24	
Ethylbenzene	ND	0.0250	1	08/07/24	08/09/24	
Toluene	ND	0.0250	1	08/07/24	08/09/24	
o-Xylene	ND	0.0250	1	08/07/24	08/09/24	
p,m-Xylene	ND	0.0500	1	08/07/24	08/09/24	
Total Xylenes	ND	0.0250	1	08/07/24	08/09/24	
Surrogate: 4-Bromochlorobenzene-PID		*93.2 %*	*70-130*	*08/07/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2432076
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/07/24	08/09/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*105 %*	*70-130*	*08/07/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2432069
Diesel Range Organics (C10-C28)	ND	25.0	1	08/07/24	08/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/07/24	08/10/24	
Surrogate: n-Nonane		*99.9 %*	*50-200*	*08/07/24*	*08/10/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2432108
Chloride	ND	20.0	1	08/08/24	08/09/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/13/2024 12:51:45PM

S4-4'

E408060-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2432076
Benzene	ND	0.0250	1	08/07/24	08/09/24	
Ethylbenzene	ND	0.0250	1	08/07/24	08/09/24	
Toluene	ND	0.0250	1	08/07/24	08/09/24	
o-Xylene	ND	0.0250	1	08/07/24	08/09/24	
p,m-Xylene	ND	0.0500	1	08/07/24	08/09/24	
Total Xylenes	ND	0.0250	1	08/07/24	08/09/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.9 %*	*70-130*	*08/07/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2432076
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/07/24	08/09/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*105 %*	*70-130*	*08/07/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2432069
Diesel Range Organics (C10-C28)	ND	25.0	1	08/07/24	08/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/07/24	08/10/24	
Surrogate: n-Nonane		*100 %*	*50-200*	*08/07/24*	*08/10/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2432108
Chloride	ND	20.0	1	08/08/24	08/09/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/13/2024 12:51:45PM

S4-5'

E408060-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2432076
Benzene	ND	0.0250	1	08/07/24	08/09/24	
Ethylbenzene	ND	0.0250	1	08/07/24	08/09/24	
Toluene	ND	0.0250	1	08/07/24	08/09/24	
o-Xylene	ND	0.0250	1	08/07/24	08/09/24	
p,m-Xylene	ND	0.0500	1	08/07/24	08/09/24	
Total Xylenes	ND	0.0250	1	08/07/24	08/09/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.6 %*	*70-130*	*08/07/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2432076
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/07/24	08/09/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*104 %*	*70-130*	*08/07/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2432069
Diesel Range Organics (C10-C28)	ND	25.0	1	08/07/24	08/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/07/24	08/10/24	
Surrogate: n-Nonane		*95.9 %*	*50-200*	*08/07/24*	*08/10/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2432108
Chloride	ND	20.0	1	08/08/24	08/09/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/13/2024 12:51:45PM

S5-1'

E408060-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2432076
Benzene	ND	0.0250	1	08/07/24	08/09/24	
Ethylbenzene	ND	0.0250	1	08/07/24	08/09/24	
Toluene	ND	0.0250	1	08/07/24	08/09/24	
o-Xylene	ND	0.0250	1	08/07/24	08/09/24	
p,m-Xylene	ND	0.0500	1	08/07/24	08/09/24	
Total Xylenes	ND	0.0250	1	08/07/24	08/09/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.8 %*	*70-130*	*08/07/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2432076
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/07/24	08/09/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*105 %*	*70-130*	*08/07/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2432069
Diesel Range Organics (C10-C28)	ND	25.0	1	08/07/24	08/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/07/24	08/10/24	
Surrogate: n-Nonane		*78.2 %*	*50-200*	*08/07/24*	*08/10/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2432108
Chloride	**150**	20.0	1	08/08/24	08/09/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/13/2024 12:51:45PM

S5-2'

E408060-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2432076
Benzene	ND	0.0250	1	08/07/24	08/09/24	
Ethylbenzene	ND	0.0250	1	08/07/24	08/09/24	
Toluene	ND	0.0250	1	08/07/24	08/09/24	
o-Xylene	ND	0.0250	1	08/07/24	08/09/24	
p,m-Xylene	ND	0.0500	1	08/07/24	08/09/24	
Total Xylenes	ND	0.0250	1	08/07/24	08/09/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.0 %*	*70-130*	*08/07/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2432076
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/07/24	08/09/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*104 %*	*70-130*	*08/07/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2432069
Diesel Range Organics (C10-C28)	**439**	50.0	2	08/07/24	08/10/24	
Oil Range Organics (C28-C36)	**363**	100	2	08/07/24	08/10/24	
Surrogate: n-Nonane		*97.6 %*	*50-200*	*08/07/24*	*08/10/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2432108
Chloride	ND	20.0	1	08/08/24	08/09/24	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/13/2024 12:51:45PM

Volatile Organics by EPA 8021B

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 (2432076-BLK1)									Prepared: 08/07/24 Analyzed: 08/09/24
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	*7.14*		*8.00*		*89.3*	*70-130*			
LCS (2432076-BS1)									Prepared: 08/07/24 Analyzed: 08/09/24
Benzene	4.73	0.0250	5.00		94.7	70-130			
Ethylbenzene	4.49	0.0250	5.00		89.7	70-130			
Toluene	4.68	0.0250	5.00		93.6	70-130			
o-Xylene	4.56	0.0250	5.00		91.1	70-130			
p,m-Xylene	9.20	0.0500	10.0		92.0	70-130			
Total Xylenes	13.8	0.0250	15.0		91.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.25*		*8.00*		*90.6*	*70-130*			
Matrix Spike (2432076-MS1)				**Source: E408060-11**					Prepared: 08/07/24 Analyzed: 08/09/24
Benzene	4.63	0.0250	5.00	ND	92.5	54-133			
Ethylbenzene	4.39	0.0250	5.00	ND	87.9	61-133			
Toluene	4.59	0.0250	5.00	ND	91.7	61-130			
o-Xylene	4.47	0.0250	5.00	ND	89.5	63-131			
p,m-Xylene	9.03	0.0500	10.0	ND	90.3	63-131			
Total Xylenes	13.5	0.0250	15.0	ND	90.0	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.36*		*8.00*		*92.0*	*70-130*			
Matrix Spike Dup (2432076-MSD1)				**Source: E408060-11**					Prepared: 08/07/24 Analyzed: 08/09/24
Benzene	5.20	0.0250	5.00	ND	104	54-133	11.7	20	
Ethylbenzene	4.94	0.0250	5.00	ND	98.8	61-133	11.7	20	
Toluene	5.16	0.0250	5.00	ND	103	61-130	11.7	20	
o-Xylene	5.05	0.0250	5.00	ND	101	63-131	12.1	20	
p,m-Xylene	10.2	0.0500	10.0	ND	102	63-131	11.7	20	
Total Xylenes	15.2	0.0250	15.0	ND	101	63-131	11.8	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.30*		*8.00*		*91.2*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/13/2024 12:51:45PM

Nonhalogenated Organics by EPA 8015D - GRO

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 (2432076-BLK1)									Prepared: 08/07/24 Analyzed: 08/09/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.41*		*8.00*		*105*	*70-130*			
LCS (2432076-BS2)									Prepared: 08/07/24 Analyzed: 08/09/24
Gasoline Range Organics (C6-C10)	47.1	20.0	50.0		94.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.54*		*8.00*		*107*	*70-130*			
Matrix Spike (2432076-MS2)				**Source: E408060-11**					Prepared: 08/07/24 Analyzed: 08/09/24
Gasoline Range Organics (C6-C10)	46.6	20.0	50.0	ND	93.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.52*		*8.00*		*106*	*70-130*			
Matrix Spike Dup (2432076-MSD2)				**Source: E408060-11**					Prepared: 08/07/24 Analyzed: 08/09/24
Gasoline Range Organics (C6-C10)	49.3	20.0	50.0	ND	98.7	70-130	5.71	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.47*		*8.00*		*106*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/13/2024 12:51:45PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2432069-BLK1)									Prepared: 08/07/24 Analyzed: 08/10/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*54.6*		*50.0*		*109*	*50-200*			
LCS (2432069-BS1)									Prepared: 08/07/24 Analyzed: 08/10/24
Diesel Range Organics (C10-C28)	250	25.0	250		100	38-132			
Surrogate: n-Nonane	*54.0*		*50.0*		*108*	*50-200*			
Matrix Spike (2432069-MS1)				**Source: E408060-08**					Prepared: 08/07/24 Analyzed: 08/10/24
Diesel Range Organics (C10-C28)	298	25.0	250	45.6	101	38-132			
Surrogate: n-Nonane	*55.3*		*50.0*		*111*	*50-200*			
Matrix Spike Dup (2432069-MSD1)				**Source: E408060-08**					Prepared: 08/07/24 Analyzed: 08/10/24
Diesel Range Organics (C10-C28)	306	25.0	250	45.6	104	38-132	2.73	20	
Surrogate: n-Nonane	*53.6*		*50.0*		*107*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/13/2024 12:51:45PM

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 (2432108-BLK1)									Prepared: 08/08/24 Analyzed: 08/09/24
Chloride	ND	20.0							
LCS (2432108-BS1)									Prepared: 08/08/24 Analyzed: 08/09/24
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2432108-MS1)				**Source: E408060-10**					Prepared: 08/08/24 Analyzed: 08/09/24
Chloride	259	20.0	250	ND	104	80-120			
Matrix Spike Dup (2432108-MSD1)				**Source: E408060-10**					Prepared: 08/08/24 Analyzed: 08/09/24
Chloride	259	20.0	250	ND	104	80-120	0.0802	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:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	08/13/24 12:51

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.

Released to Imaging: 7/1/2025 11:29:28 AM
Received by OCD: 6/24/2025 9:45:27 AM

Project Information | Chain of Custody | Page 1 of 4

Client: Pima Environmental Services	Bill To
Project: Cotton Draw Unit 117H	Attention: Devon
Project Manager: Gio Gomez	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 806-782-1151	Email:
Email: gio@pimaoil.com	Pima Project # 1-282
Report due by:	

Lab Use Only: Lab WO# E 408060 | Job Number 01058.0007

TAT: 1D | 2D | 3D | Standard X

EPA Program: CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
10:11	8/1	S		S1-1'	1	X	
10:20				S1-2'	2		
10:26				S1-3'	3		
10:33				S1-4'	4		
10:38				S2-1'	5		
10:46				S2-2'	6		
10:53				S2-3'	7		
10:59				S2-4'	8		
11:17				S3-1'	9		
11:26				S3-2'	10		

Additional Instructions: B# 21146174

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karime Arame	8/6/24	1417	Michelle Gonzales	8-6-24	1417
Michelle Gonzales	8.6.24	1705		8.6.24	1705
	8.6.24	2330	Raia Lahmar	8/7/24	10:30

Lab Use Only: Received on ice: Y / N

T1 T2 T3

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.

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Released to Imaging: 7/1/2025 11:29:28 AM
Received by OCD: 6/24/2025 9:45:27 AM

Project Information | Chain of Custody | Page 2 of 4

Client: Pima Environmental Services	Bill To
Project: Cotton Draw Unit 117 H	Attention: Devon
Project Manager: Gio Gomez	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 806-782-1151	Email:
Email: gio@pimaoil.com	Pima Project # 1-282
Report due by:	

Lab Use Only: Lab WO# E 4080060 | Job Number D1058.0207

TAT: 1D | 2D | 3D | Standard X

EPA Program: CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
11:33	8/1	S		S3-3'	11	X	
11:40				S3-4'	12		
11:47				S3-5'	13		
11:56				S4-1'	14		
11:59				S4-2'	15		
12:07				S4-3'	16		
12:23				S4-4'	17		
12:34				S4-5'	18		
12:46				S5-1'	19		
12:53				S5-2'	20		

Additional Instructions: B# 2114674

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karime Adame	8/6/24	2:17	Michelle Gonzales	8-6-24	1417
Michelle Gonzales	8.6.24	1705	[signature]	8.6.24	1705
[signature]	8.6.24	2330	Rena Lehmus	8/7/24	10:30

Lab Use Only: Received on ice: Y / N | T1 | T2 | T3 | 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.

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Envirotech Analytical Laboratory

Printed: 8/7/2024 10:44:16AM

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:	08/07/24 10:30	Work Order ID:	E408060
Phone:	(575) 631-6977	Date Logged In:	08/07/24 10:32	Logged In By:	Raina Schwanz
Email:	tom@pimaoil.com	Due Date:	08/13/24 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	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

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

Comments/Resolution

No. of containers not marked on COC by client. Project: Cotton Draw Unit 117H split between workorders E408060 & E408061 due to large sample volume.

Client Instruction

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

Date

envirotech Inc.

Report to:

Tom Bynum



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Cotton Draw Unit #117H
Work Order:	E408061
Job Number:	01058-0007
Received:	8/7/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/13/24

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: 8/13/24

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Cotton Draw Unit #117H
Workorder: E408061
Date Received: 8/7/2024 10:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/7/2024 10:30:00AM, under the Project Name: Cotton Draw Unit #117H.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit #117H 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 reguarding 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

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	08/13/24 08:38

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S5-3'	E408061-01A	Soil	08/01/24	08/07/24	Glass Jar, 2 oz.
S5-4'	E408061-02A	Soil	08/01/24	08/07/24	Glass Jar, 2 oz.
S5-5'	E408061-03A	Soil	08/01/24	08/07/24	Glass Jar, 2 oz.
SW1 (0-4') Comp.	E408061-04A	Soil	08/01/24	08/07/24	Glass Jar, 2 oz.
SW2 (0-4') Comp.	E408061-05A	Soil	08/01/24	08/07/24	Glass Jar, 2 oz.
SW3 (0-4') Comp.	E408061-06A	Soil	08/01/24	08/07/24	Glass Jar, 2 oz.
SW4 (0-4') Comp.	E408061-07A	Soil	08/01/24	08/07/24	Glass Jar, 2 oz.
SW5 (0-4') Comp.	E408061-08A	Soil	08/01/24	08/07/24	Glass Jar, 2 oz.
SW6 (0-4') Comp.	E408061-09A	Soil	08/01/24	08/07/24	Glass Jar, 2 oz.
SW7 (0-4') Comp.	E408061-10A	Soil	08/01/24	08/07/24	Glass Jar, 2 oz.
SW8 (0-4') Comp.	E408061-11A	Soil	08/01/24	08/07/24	Glass Jar, 2 oz.
BG1-1'	E408061-12A	Soil	08/01/24	08/07/24	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/13/2024 8:38:24AM

S5-3'

E408061-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2432090
Benzene	ND	0.0250	1	08/08/24	08/09/24	
Ethylbenzene	ND	0.0250	1	08/08/24	08/09/24	
Toluene	ND	0.0250	1	08/08/24	08/09/24	
o-Xylene	ND	0.0250	1	08/08/24	08/09/24	
p,m-Xylene	ND	0.0500	1	08/08/24	08/09/24	
Total Xylenes	ND	0.0250	1	08/08/24	08/09/24	
Surrogate: Bromofluorobenzene		*96.1 %*	*70-130*	*08/08/24*	*08/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.9 %*	*70-130*	*08/08/24*	*08/09/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*08/08/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2432090
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/24	08/09/24	
Surrogate: Bromofluorobenzene		*96.1 %*	*70-130*	*08/08/24*	*08/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.9 %*	*70-130*	*08/08/24*	*08/09/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*08/08/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2432073
Diesel Range Organics (C10-C28)	ND	25.0	1	08/07/24	08/08/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/07/24	08/08/24	
Surrogate: n-Nonane		*99.4 %*	*50-200*	*08/07/24*	*08/08/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2432096
Chloride	ND	20.0	1	08/08/24	08/08/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/13/2024 8:38:24AM

S5-4'

E408061-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2432090
Benzene	ND	0.0250	1	08/08/24	08/09/24	
Ethylbenzene	ND	0.0250	1	08/08/24	08/09/24	
Toluene	ND	0.0250	1	08/08/24	08/09/24	
o-Xylene	ND	0.0250	1	08/08/24	08/09/24	
p,m-Xylene	ND	0.0500	1	08/08/24	08/09/24	
Total Xylenes	ND	0.0250	1	08/08/24	08/09/24	
Surrogate: Bromofluorobenzene		*98.8 %*	*70-130*	*08/08/24*	*08/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.5 %*	*70-130*	*08/08/24*	*08/09/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/08/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2432090
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/24	08/09/24	
Surrogate: Bromofluorobenzene		*98.8 %*	*70-130*	*08/08/24*	*08/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.5 %*	*70-130*	*08/08/24*	*08/09/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/08/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2432073
Diesel Range Organics (C10-C28)	ND	25.0	1	08/07/24	08/08/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/07/24	08/08/24	
Surrogate: n-Nonane		*98.5 %*	*50-200*	*08/07/24*	*08/08/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2432096
Chloride	ND	20.0	1	08/08/24	08/08/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/13/2024 8:38:24AM

S5-5'

E408061-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2432090
Benzene	ND	0.0250	1	08/08/24	08/09/24	
Ethylbenzene	ND	0.0250	1	08/08/24	08/09/24	
Toluene	ND	0.0250	1	08/08/24	08/09/24	
o-Xylene	ND	0.0250	1	08/08/24	08/09/24	
p,m-Xylene	ND	0.0500	1	08/08/24	08/09/24	
Total Xylenes	ND	0.0250	1	08/08/24	08/09/24	
Surrogate: Bromofluorobenzene		*96.7 %*	*70-130*	*08/08/24*	*08/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*08/08/24*	*08/09/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*08/08/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2432090
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/24	08/09/24	
Surrogate: Bromofluorobenzene		*96.7 %*	*70-130*	*08/08/24*	*08/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*08/08/24*	*08/09/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*08/08/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2432073
Diesel Range Organics (C10-C28)	ND	25.0	1	08/07/24	08/08/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/07/24	08/08/24	
Surrogate: n-Nonane		*102 %*	*50-200*	*08/07/24*	*08/08/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2432096
Chloride	ND	20.0	1	08/08/24	08/08/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/13/2024 8:38:24AM

SW1 (0-4') Comp.

E408061-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2432090
Benzene	ND	0.0250	1	08/08/24	08/09/24	
Ethylbenzene	ND	0.0250	1	08/08/24	08/09/24	
Toluene	ND	0.0250	1	08/08/24	08/09/24	
o-Xylene	ND	0.0250	1	08/08/24	08/09/24	
p,m-Xylene	ND	0.0500	1	08/08/24	08/09/24	
Total Xylenes	ND	0.0250	1	08/08/24	08/09/24	
Surrogate: Bromofluorobenzene		*99.4 %*	*70-130*	*08/08/24*	*08/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*08/08/24*	*08/09/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*08/08/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2432090
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/24	08/09/24	
Surrogate: Bromofluorobenzene		*99.4 %*	*70-130*	*08/08/24*	*08/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*08/08/24*	*08/09/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*08/08/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2432073
Diesel Range Organics (C10-C28)	ND	25.0	1	08/07/24	08/08/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/07/24	08/08/24	
Surrogate: n-Nonane		*103 %*	*50-200*	*08/07/24*	*08/08/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2432096
Chloride	ND	20.0	1	08/08/24	08/08/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/13/2024 8:38:24AM

SW2 (0-4') Comp.

E408061-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2432090
Benzene	ND	0.0250	1	08/08/24	08/09/24	
Ethylbenzene	ND	0.0250	1	08/08/24	08/09/24	
Toluene	ND	0.0250	1	08/08/24	08/09/24	
o-Xylene	ND	0.0250	1	08/08/24	08/09/24	
p,m-Xylene	ND	0.0500	1	08/08/24	08/09/24	
Total Xylenes	ND	0.0250	1	08/08/24	08/09/24	
Surrogate: Bromofluorobenzene		*97.7 %*	*70-130*	*08/08/24*	*08/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.6 %*	*70-130*	*08/08/24*	*08/09/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*08/08/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2432090
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/24	08/09/24	
Surrogate: Bromofluorobenzene		*97.7 %*	*70-130*	*08/08/24*	*08/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.6 %*	*70-130*	*08/08/24*	*08/09/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*08/08/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2432073
Diesel Range Organics (C10-C28)	ND	25.0	1	08/07/24	08/08/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/07/24	08/08/24	
Surrogate: n-Nonane		*106 %*	*50-200*	*08/07/24*	*08/08/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2432096
Chloride	ND	20.0	1	08/08/24	08/08/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/13/2024 8:38:24AM

SW3 (0-4') Comp.

E408061-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2432090
Benzene	ND	0.0250	1	08/08/24	08/09/24	
Ethylbenzene	ND	0.0250	1	08/08/24	08/09/24	
Toluene	ND	0.0250	1	08/08/24	08/09/24	
o-Xylene	ND	0.0250	1	08/08/24	08/09/24	
p,m-Xylene	ND	0.0500	1	08/08/24	08/09/24	
Total Xylenes	ND	0.0250	1	08/08/24	08/09/24	
Surrogate: Bromofluorobenzene		*97.8 %*	*70-130*	*08/08/24*	*08/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*08/08/24*	*08/09/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*08/08/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2432090
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/24	08/09/24	
Surrogate: Bromofluorobenzene		*97.8 %*	*70-130*	*08/08/24*	*08/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*08/08/24*	*08/09/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*08/08/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2432073
Diesel Range Organics (C10-C28)	ND	25.0	1	08/07/24	08/08/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/07/24	08/08/24	
Surrogate: n-Nonane		*106 %*	*50-200*	*08/07/24*	*08/08/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2432096
Chloride	ND	20.0	1	08/08/24	08/08/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/13/2024 8:38:24AM

SW4 (0-4') Comp.

E408061-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2432090
Benzene	ND	0.0250	1	08/08/24	08/09/24	
Ethylbenzene	ND	0.0250	1	08/08/24	08/09/24	
Toluene	ND	0.0250	1	08/08/24	08/09/24	
o-Xylene	ND	0.0250	1	08/08/24	08/09/24	
p,m-Xylene	ND	0.0500	1	08/08/24	08/09/24	
Total Xylenes	ND	0.0250	1	08/08/24	08/09/24	
Surrogate: Bromofluorobenzene		*97.6 %*	*70-130*	*08/08/24*	*08/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.0 %*	*70-130*	*08/08/24*	*08/09/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*08/08/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2432090
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/24	08/09/24	
Surrogate: Bromofluorobenzene		*97.6 %*	*70-130*	*08/08/24*	*08/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.0 %*	*70-130*	*08/08/24*	*08/09/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*08/08/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2432073
Diesel Range Organics (C10-C28)	ND	25.0	1	08/07/24	08/08/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/07/24	08/08/24	
Surrogate: n-Nonane		*107 %*	*50-200*	*08/07/24*	*08/08/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2432096
Chloride	ND	20.0	1	08/08/24	08/08/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/13/2024 8:38:24AM

SW5 (0-4') Comp.

E408061-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2432090
Benzene	ND	0.0250	1	08/08/24	08/09/24	
Ethylbenzene	ND	0.0250	1	08/08/24	08/09/24	
Toluene	ND	0.0250	1	08/08/24	08/09/24	
o-Xylene	ND	0.0250	1	08/08/24	08/09/24	
p,m-Xylene	ND	0.0500	1	08/08/24	08/09/24	
Total Xylenes	ND	0.0250	1	08/08/24	08/09/24	
Surrogate: Bromofluorobenzene		*97.5 %*	*70-130*	*08/08/24*	*08/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.3 %*	*70-130*	*08/08/24*	*08/09/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*08/08/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2432090
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/24	08/09/24	
Surrogate: Bromofluorobenzene		*97.5 %*	*70-130*	*08/08/24*	*08/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.3 %*	*70-130*	*08/08/24*	*08/09/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*08/08/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2432073
Diesel Range Organics (C10-C28)	ND	25.0	1	08/07/24	08/08/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/07/24	08/08/24	
Surrogate: n-Nonane		*107 %*	*50-200*	*08/07/24*	*08/08/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2432096
Chloride	ND	20.0	1	08/08/24	08/08/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/13/2024 8:38:24AM

SW6 (0-4') Comp.

E408061-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2432090
Benzene	ND	0.0250	1	08/08/24	08/09/24	
Ethylbenzene	ND	0.0250	1	08/08/24	08/09/24	
Toluene	ND	0.0250	1	08/08/24	08/09/24	
o-Xylene	ND	0.0250	1	08/08/24	08/09/24	
p,m-Xylene	ND	0.0500	1	08/08/24	08/09/24	
Total Xylenes	ND	0.0250	1	08/08/24	08/09/24	
Surrogate: Bromofluorobenzene		*96.4 %*	*70-130*	*08/08/24*	*08/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*08/08/24*	*08/09/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*08/08/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2432090
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/24	08/09/24	
Surrogate: Bromofluorobenzene		*96.4 %*	*70-130*	*08/08/24*	*08/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*08/08/24*	*08/09/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*08/08/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2432073
Diesel Range Organics (C10-C28)	ND	25.0	1	08/07/24	08/08/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/07/24	08/08/24	
Surrogate: n-Nonane		*104 %*	*50-200*	*08/07/24*	*08/08/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2432096
Chloride	ND	20.0	1	08/08/24	08/08/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/13/2024 8:38:24AM

SW7 (0-4') Comp.

E408061-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2432090
Benzene	ND	0.0250	1	08/08/24	08/09/24	
Ethylbenzene	ND	0.0250	1	08/08/24	08/09/24	
Toluene	ND	0.0250	1	08/08/24	08/09/24	
o-Xylene	ND	0.0250	1	08/08/24	08/09/24	
p,m-Xylene	ND	0.0500	1	08/08/24	08/09/24	
Total Xylenes	ND	0.0250	1	08/08/24	08/09/24	
Surrogate: Bromofluorobenzene		*97.0 %*	*70-130*	*08/08/24*	*08/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*08/08/24*	*08/09/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*08/08/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2432090
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/24	08/09/24	
Surrogate: Bromofluorobenzene		*97.0 %*	*70-130*	*08/08/24*	*08/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*08/08/24*	*08/09/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*08/08/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2432073
Diesel Range Organics (C10-C28)	ND	25.0	1	08/07/24	08/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/07/24	08/09/24	
Surrogate: n-Nonane		*104 %*	*50-200*	*08/07/24*	*08/09/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2432096
Chloride	ND	20.0	1	08/08/24	08/08/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/13/2024 8:38:24AM

SW8 (0-4') Comp.

E408061-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2432090
Benzene	ND	0.0250	1	08/08/24	08/09/24	
Ethylbenzene	ND	0.0250	1	08/08/24	08/09/24	
Toluene	ND	0.0250	1	08/08/24	08/09/24	
o-Xylene	ND	0.0250	1	08/08/24	08/09/24	
p,m-Xylene	ND	0.0500	1	08/08/24	08/09/24	
Total Xylenes	ND	0.0250	1	08/08/24	08/09/24	
Surrogate: Bromofluorobenzene		*97.9 %*	*70-130*	*08/08/24*	*08/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.0 %*	*70-130*	*08/08/24*	*08/09/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*08/08/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2432090
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/24	08/09/24	
Surrogate: Bromofluorobenzene		*97.9 %*	*70-130*	*08/08/24*	*08/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.0 %*	*70-130*	*08/08/24*	*08/09/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*08/08/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2432073
Diesel Range Organics (C10-C28)	ND	25.0	1	08/07/24	08/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/07/24	08/09/24	
Surrogate: n-Nonane		*104 %*	*50-200*	*08/07/24*	*08/09/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2432096
Chloride	ND	20.0	1	08/08/24	08/08/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/13/2024 8:38:24AM

BG1-1'

E408061-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2432090
Benzene	ND	0.0250	1	08/08/24	08/09/24	
Ethylbenzene	ND	0.0250	1	08/08/24	08/09/24	
Toluene	ND	0.0250	1	08/08/24	08/09/24	
o-Xylene	ND	0.0250	1	08/08/24	08/09/24	
p,m-Xylene	ND	0.0500	1	08/08/24	08/09/24	
Total Xylenes	ND	0.0250	1	08/08/24	08/09/24	
Surrogate: Bromofluorobenzene		*98.4 %*	*70-130*	*08/08/24*	*08/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*08/08/24*	*08/09/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*08/08/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2432090
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/24	08/09/24	
Surrogate: Bromofluorobenzene		*98.4 %*	*70-130*	*08/08/24*	*08/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*08/08/24*	*08/09/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*08/08/24*	*08/09/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2432073
Diesel Range Organics (C10-C28)	ND	25.0	1	08/07/24	08/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/07/24	08/09/24	
Surrogate: n-Nonane		*107 %*	*50-200*	*08/07/24*	*08/09/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2432096
Chloride	ND	20.0	1	08/08/24	08/08/24	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/13/2024 8:38:24AM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2432090-BLK1)									Prepared: 08/08/24 Analyzed: 08/09/24
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: Bromofluorobenzene	*0.492*		*0.500*		*98.3*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.496*		*0.500*		*99.2*	*70-130*			
Surrogate: Toluene-d8	*0.525*		*0.500*		*105*	*70-130*			
LCS (2432090-BS1)									Prepared: 08/08/24 Analyzed: 08/09/24
Benzene	2.55	0.0250	2.50		102	70-130			
Ethylbenzene	2.66	0.0250	2.50		106	70-130			
Toluene	2.67	0.0250	2.50		107	70-130			
o-Xylene	2.57	0.0250	2.50		103	70-130			
p,m-Xylene	5.19	0.0500	5.00		104	70-130			
Total Xylenes	7.76	0.0250	7.50		103	70-130			
Surrogate: Bromofluorobenzene	*0.488*		*0.500*		*97.5*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.516*		*0.500*		*103*	*70-130*			
Surrogate: Toluene-d8	*0.525*		*0.500*		*105*	*70-130*			
Matrix Spike (2432090-MS1)				**Source: E408061-01**					Prepared: 08/08/24 Analyzed: 08/09/24
Benzene	2.40	0.0250	2.50	ND	95.9	48-131			
Ethylbenzene	2.57	0.0250	2.50	ND	103	45-135			
Toluene	2.54	0.0250	2.50	ND	102	48-130			
o-Xylene	2.37	0.0250	2.50	ND	94.8	43-135			
p,m-Xylene	4.77	0.0500	5.00	ND	95.3	43-135			
Total Xylenes	7.14	0.0250	7.50	ND	95.2	43-135			
Surrogate: Bromofluorobenzene	*0.475*		*0.500*		*95.0*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.520*		*0.500*		*104*	*70-130*			
Surrogate: Toluene-d8	*0.521*		*0.500*		*104*	*70-130*			
Matrix Spike Dup (2432090-MSD1)				**Source: E408061-01**					Prepared: 08/08/24 Analyzed: 08/09/24
Benzene	2.32	0.0250	2.50	ND	93.0	48-131	3.13	23	
Ethylbenzene	2.45	0.0250	2.50	ND	98.1	45-135	4.74	27	
Toluene	2.45	0.0250	2.50	ND	98.1	48-130	3.62	24	
o-Xylene	2.31	0.0250	2.50	ND	92.2	43-135	2.78	27	
p,m-Xylene	4.63	0.0500	5.00	ND	92.6	43-135	2.87	27	
Total Xylenes	6.94	0.0250	7.50	ND	92.5	43-135	2.84	27	
Surrogate: Bromofluorobenzene	*0.476*		*0.500*		*95.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.513*		*0.500*		*103*	*70-130*			
Surrogate: Toluene-d8	*0.516*		*0.500*		*103*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/13/2024 8:38:24AM

Nonhalogenated Organics by EPA 8015D - GRO

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 (2432090-BLK1)									Prepared: 08/08/24 Analyzed: 08/09/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.492*		*0.500*		*98.3*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.496*		*0.500*		*99.2*	*70-130*			
Surrogate: Toluene-d8	*0.525*		*0.500*		*105*	*70-130*			
LCS (2432090-BS2)									Prepared: 08/08/24 Analyzed: 08/09/24
Gasoline Range Organics (C6-C10)	52.2	20.0	50.0		104	70-130			
Surrogate: Bromofluorobenzene	*0.495*		*0.500*		*98.9*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.498*		*0.500*		*99.6*	*70-130*			
Surrogate: Toluene-d8	*0.532*		*0.500*		*106*	*70-130*			
Matrix Spike (2432090-MS2)				**Source: E408061-01**					Prepared: 08/08/24 Analyzed: 08/09/24
Gasoline Range Organics (C6-C10)	51.9	20.0	50.0	ND	104	70-130			
Surrogate: Bromofluorobenzene	*0.500*		*0.500*		*100*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.510*		*0.500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.527*		*0.500*		*105*	*70-130*			
Matrix Spike Dup (2432090-MSD2)				**Source: E408061-01**					Prepared: 08/08/24 Analyzed: 08/09/24
Gasoline Range Organics (C6-C10)	50.3	20.0	50.0	ND	101	70-130	3.18	20	
Surrogate: Bromofluorobenzene	*0.493*		*0.500*		*98.5*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.498*		*0.500*		*99.6*	*70-130*			
Surrogate: Toluene-d8	*0.538*		*0.500*		*108*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/13/2024 8:38:24AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2432073-BLK1)									Prepared: 08/07/24 Analyzed: 08/08/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*55.4*		*50.0*		*111*	*50-200*			
LCS (2432073-BS1)									Prepared: 08/07/24 Analyzed: 08/08/24
Diesel Range Organics (C10-C28)	249	25.0	250		99.7	38-132			
Surrogate: n-Nonane	*56.5*		*50.0*		*113*	*50-200*			
Matrix Spike (2432073-MS1)				**Source: E408061-07**					Prepared: 08/07/24 Analyzed: 08/08/24
Diesel Range Organics (C10-C28)	250	25.0	250	ND	99.9	38-132			
Surrogate: n-Nonane	*55.9*		*50.0*		*112*	*50-200*			
Matrix Spike Dup (2432073-MSD1)				**Source: E408061-07**					Prepared: 08/07/24 Analyzed: 08/08/24
Diesel Range Organics (C10-C28)	249	25.0	250	ND	99.7	38-132	0.254	20	
Surrogate: n-Nonane	*55.5*		*50.0*		*111*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/13/2024 8:38:24AM

Anions by EPA 300.0/9056A

Analyst: WF

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2432096-BLK1)									Prepared: 08/08/24 Analyzed: 08/08/24
Chloride	ND	20.0							
LCS (2432096-BS1)									Prepared: 08/08/24 Analyzed: 08/08/24
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2432096-MS1)				**Source: E408068-01**					Prepared: 08/08/24 Analyzed: 08/08/24
Chloride	520	20.0	250	273	99.0	80-120			
Matrix Spike Dup (2432096-MSD1)				**Source: E408068-01**					Prepared: 08/08/24 Analyzed: 08/08/24
Chloride	526	20.0	250	273	102	80-120	1.20	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:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	08/13/24 08:38

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

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

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

Released to Imaging: 7/1/2025 11:29:28 AM
Received by OCD: 6/24/2025 9:45:27 AM

Project Information | Chain of Custody | Page 3 of 4

Client: Pima Environmental Services	Bill To
Project: Cotton Draw Unit 117 H	Attention: Devon
Project Manager: Gio Gomez	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 806-782-1151	Email:
Email: gio@pimaoil.com	Pima Project # 1-282
Report due by:	

Lab Use Only: Lab WO# E 4080609 | Job Number 01058-0007

TAT: 1D | 2D | 3D | Standard (X)

EPA Program: CWA | SDWA | RCRA

State: NM (X) | CO | UT | AZ | TX

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
1:17	8/1	S		SS-3'	1	X	
1:26				SS-4'	2		
1:33				SS-5'	3		
1:39				SW1 (0-4') COMP.	4		
1:47				SW2 (0-4') COMP.	5		
1:56				SW3 (0-4') COMP.	6		
2:09				SW4 (0-4') COMP.	7		
2:17				SW5 (0-4') COMP.	8		
2:23				SW6 (0-4') COMP.	9		
2:30				SW7 (0-4') COMP.	10		

Additional Instructions: B# 21146174

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karime Adame	8/6/24	2:17	Michelle Gonzales	8-6-24	1417
Michelle Gonzales	8-6-24	1705		8.6.24	1705
	8.6.24	2330	Kaia Lemos	8/7/24	1080

Lab Use Only
Received on ice: Y / N
T1 T2 T3
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.

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Released to Imaging: 7/1/2025 11:29:28 AM
Received by OCD: 6/24/2025 9:45:27 AM

Project Information | Chain of Custody | Page 4 of 4

Client: Pima Environmental Services	Bill To
Project: Cotton Draw Unit 117H	Attention: Devon
Project Manager: Gio Gomez	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 806-782-1151	Email:
Email: gio@pimaoil.com	Pima Project # 1-282
Report due by:	

Lab Use Only: Lab WO# E 4080161 | Job Number 01058.0007

TAT: 1D | 2D | 3D | Standard (X)

EPA Program: CWA | SDWA | RCRA

State: NM (X) | CO | UT | AZ | TX

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
2:35	8/1	S		SW8-(0-4) comp.	11	X	
2:41	"	"		BG1-1'	12	"	

Additional Instructions: B# 21146174

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karine Adane	8/6/24	2:17	Michelle Gonzales	8-6-24	1417
Michelle Gonzales	8-6-24	1705		8.6.24	1705
	8.6.24	2330	Raina Schwanz	8/7/24	10:30

Lab Use Only — Received on ice: (Y) / N; T1; T2; T3; 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.

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Envirotech Analytical Laboratory

Printed: 8/7/2024 10:53:29AM

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:	08/07/24 10:30	Work Order ID:	E408061
Phone:	(575) 631-6977	Date Logged In:	08/07/24 10:40	Logged In By:	Raina Schwanz
Email:	tom@pimaoil.com	Due Date:	08/13/24 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	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

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

Comments/Resolution

No. of containers not marked on COC by client. Project: Cotton Draw Unit 117H split between workorders E408060 & E408061 due to large sample volume.

Client Instruction

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

Date

envirotech Inc.

Report to:

Delrae Geller



5796 U.S. Hwy 64
Farmington, NM 87401

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

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Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Cotton Draw Unit #117H
Work Order:	E504085
Job Number:	01058-0007
Received:	4/10/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/11/25

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: 4/11/25

Delrae Geller
PO Box 247
Plains, TX 79355-0247

Project Name: Cotton Draw Unit #117H
Workorder: E504085
Date Received: 4/10/2025 11:30:00PM

Delrae Geller,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/10/2025 11:30:00PM, under the Project Name: Cotton Draw Unit #117H.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit #117H 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 reguarding 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

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	04/11/25 11:31

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS1-COMP.	E504085-01A	Soil	04/09/25	04/10/25	Glass Jar, 2 oz.
CS2-COMP.	E504085-02A	Soil	04/09/25	04/10/25	Glass Jar, 2 oz.
CS3-COMP.	E504085-03A	Soil	04/09/25	04/10/25	Glass Jar, 2 oz.
CSW1-COMP.	E504085-04A	Soil	04/09/25	04/10/25	Glass Jar, 2 oz.
CSW2-COMP.	E504085-05A	Soil	04/09/25	04/10/25	Glass Jar, 2 oz.
CSW3-COMP.	E504085-06A	Soil	04/09/25	04/10/25	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Delrae Geller	4/11/2025 11:31:59AM

CS1-COMP.

E504085-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2515103
Benzene	ND	0.0250	1	04/11/25	04/11/25	
Ethylbenzene	ND	0.0250	1	04/11/25	04/11/25	
Toluene	ND	0.0250	1	04/11/25	04/11/25	
o-Xylene	ND	0.0250	1	04/11/25	04/11/25	
p,m-Xylene	ND	0.0500	1	04/11/25	04/11/25	
Total Xylenes	ND	0.0250	1	04/11/25	04/11/25	
Surrogate: 4-Bromochlorobenzene-PID		*106 %*	*70-130*	*04/11/25*	*04/11/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2515103
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/25	04/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.6 %*	*70-130*	*04/11/25*	*04/11/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2515091
Diesel Range Organics (C10-C28)	ND	25.0	1	04/10/25	04/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/10/25	04/11/25	
Surrogate: n-Nonane		*103 %*	*61-141*	*04/10/25*	*04/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2515101
Chloride	**964**	20.0	1	04/11/25	04/11/25	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Delrae Geller	4/11/2025 11:31:59AM

CS2-COMP.

E504085-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2515103
Benzene	ND	0.0250	1	04/11/25	04/11/25	
Ethylbenzene	ND	0.0250	1	04/11/25	04/11/25	
Toluene	ND	0.0250	1	04/11/25	04/11/25	
o-Xylene	ND	0.0250	1	04/11/25	04/11/25	
p,m-Xylene	ND	0.0500	1	04/11/25	04/11/25	
Total Xylenes	ND	0.0250	1	04/11/25	04/11/25	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*04/11/25*	*04/11/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2515103
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/25	04/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.1 %*	*70-130*	*04/11/25*	*04/11/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2515091
Diesel Range Organics (C10-C28)	ND	25.0	1	04/10/25	04/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/10/25	04/11/25	
Surrogate: n-Nonane		*106 %*	*61-141*	*04/10/25*	*04/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2515101
Chloride	**280**	20.0	1	04/11/25	04/11/25	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Delrae Geller	4/11/2025 11:31:59AM

CS3-COMP.

E504085-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2515103
Benzene	ND	0.0250	1	04/11/25	04/11/25	
Ethylbenzene	ND	0.0250	1	04/11/25	04/11/25	
Toluene	ND	0.0250	1	04/11/25	04/11/25	
o-Xylene	ND	0.0250	1	04/11/25	04/11/25	
p,m-Xylene	ND	0.0500	1	04/11/25	04/11/25	
Total Xylenes	ND	0.0250	1	04/11/25	04/11/25	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*04/11/25*	*04/11/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2515103
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/25	04/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.5 %*	*70-130*	*04/11/25*	*04/11/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2515091
Diesel Range Organics (C10-C28)	ND	25.0	1	04/10/25	04/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/10/25	04/11/25	
Surrogate: n-Nonane		*100 %*	*61-141*	*04/10/25*	*04/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2515101
Chloride	**522**	20.0	1	04/11/25	04/11/25	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Delrae Geller	4/11/2025 11:31:59AM

CSW1-COMP.

E504085-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2515103
Benzene	ND	0.0250	1	04/11/25	04/11/25	
Ethylbenzene	ND	0.0250	1	04/11/25	04/11/25	
Toluene	ND	0.0250	1	04/11/25	04/11/25	
o-Xylene	ND	0.0250	1	04/11/25	04/11/25	
p,m-Xylene	ND	0.0500	1	04/11/25	04/11/25	
Total Xylenes	ND	0.0250	1	04/11/25	04/11/25	
Surrogate: 4-Bromochlorobenzene-PID		*90.4 %*	*70-130*	*04/11/25*	*04/11/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2515103
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/25	04/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.6 %*	*70-130*	*04/11/25*	*04/11/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2515091
Diesel Range Organics (C10-C28)	ND	25.0	1	04/10/25	04/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/10/25	04/11/25	
Surrogate: n-Nonane		*107 %*	*61-141*	*04/10/25*	*04/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2515101
Chloride	**540**	20.0	1	04/11/25	04/11/25	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Delrae Geller	4/11/2025 11:31:59AM

CSW2-COMP.

E504085-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2515103
Benzene	ND	0.0250	1	04/11/25	04/11/25	
Ethylbenzene	ND	0.0250	1	04/11/25	04/11/25	
Toluene	ND	0.0250	1	04/11/25	04/11/25	
o-Xylene	ND	0.0250	1	04/11/25	04/11/25	
p,m-Xylene	ND	0.0500	1	04/11/25	04/11/25	
Total Xylenes	ND	0.0250	1	04/11/25	04/11/25	
Surrogate: 4-Bromochlorobenzene-PID		*91.1 %*	*70-130*	*04/11/25*	*04/11/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2515103
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/25	04/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.2 %*	*70-130*	*04/11/25*	*04/11/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2515091
Diesel Range Organics (C10-C28)	ND	25.0	1	04/10/25	04/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/10/25	04/11/25	
Surrogate: n-Nonane		*119 %*	*61-141*	*04/10/25*	*04/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2515101
Chloride	**538**	20.0	1	04/11/25	04/11/25	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Delrae Geller	4/11/2025 11:31:59AM

CSW3-COMP.

E504085-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2515103
Benzene	ND	0.0250	1	04/11/25	04/11/25	
Ethylbenzene	ND	0.0250	1	04/11/25	04/11/25	
Toluene	ND	0.0250	1	04/11/25	04/11/25	
o-Xylene	ND	0.0250	1	04/11/25	04/11/25	
p,m-Xylene	ND	0.0500	1	04/11/25	04/11/25	
Total Xylenes	ND	0.0250	1	04/11/25	04/11/25	
Surrogate: 4-Bromochlorobenzene-PID		*91.4 %*	*70-130*	*04/11/25*	*04/11/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2515103
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/25	04/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.5 %*	*70-130*	*04/11/25*	*04/11/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2515091
Diesel Range Organics (C10-C28)	ND	25.0	1	04/10/25	04/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/10/25	04/11/25	
Surrogate: n-Nonane		*113 %*	*61-141*	*04/10/25*	*04/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2515101
Chloride	**554**	20.0	1	04/11/25	04/11/25	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	4/11/2025 11:31:59AM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2515103-BLK1)									Prepared: 04/11/25 Analyzed: 04/11/25
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	*7.89*		*8.00*		*98.7*	*70-130*			
LCS (2515103-BS1)									Prepared: 04/11/25 Analyzed: 04/11/25
Benzene	4.30	0.0250	5.00		86.0	70-130			
Ethylbenzene	4.23	0.0250	5.00		84.6	70-130			
Toluene	4.29	0.0250	5.00		85.8	70-130			
o-Xylene	4.21	0.0250	5.00		84.2	70-130			
p,m-Xylene	8.42	0.0500	10.0		84.2	70-130			
Total Xylenes	12.6	0.0250	15.0		84.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.00*		*8.00*		*100*	*70-130*			
LCS Dup (2515103-BSD1)									Prepared: 04/11/25 Analyzed: 04/11/25
Benzene	4.44	0.0250	5.00		88.7	70-130	3.17	20	
Ethylbenzene	4.38	0.0250	5.00		87.6	70-130	3.51	20	
Toluene	4.42	0.0250	5.00		88.5	70-130	3.11	20	
o-Xylene	4.35	0.0250	5.00		87.1	70-130	3.40	20	
p,m-Xylene	8.72	0.0500	10.0		87.2	70-130	3.48	20	
Total Xylenes	13.1	0.0250	15.0		87.1	70-130	3.46	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.84*		*8.00*		*98.0*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	4/11/2025 11:31:59AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2515103-BLK1)									Prepared: 04/11/25 Analyzed: 04/11/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.91*		*8.00*		*98.9*	*70-130*			
LCS (2515103-BS2)									Prepared: 04/11/25 Analyzed: 04/11/25
Gasoline Range Organics (C6-C10)	44.9	20.0	50.0		89.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.49*		*8.00*		*93.6*	*70-130*			
LCS Dup (2515103-BSD2)									Prepared: 04/11/25 Analyzed: 04/11/25
Gasoline Range Organics (C6-C10)	43.6	20.0	50.0		87.2	70-130	2.94	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.61*		*8.00*		*95.1*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	4/11/2025 11:31:59AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2515091-BLK1)									Prepared: 04/10/25 Analyzed: 04/10/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*53.3*		*50.0*		*107*	*61-141*			
LCS (2515091-BS1)									Prepared: 04/10/25 Analyzed: 04/10/25
Diesel Range Organics (C10-C28)	300	25.0	250		120	66-144			
Surrogate: n-Nonane	*55.4*		*50.0*		*111*	*61-141*			
LCS Dup (2515091-BSD1)									Prepared: 04/10/25 Analyzed: 04/10/25
Diesel Range Organics (C10-C28)	306	25.0	250		122	66-144	2.17	20	
Surrogate: n-Nonane	*56.0*		*50.0*		*112*	*61-141*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit #117H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	4/11/2025 11:31:59AM

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 (2515101-BLK1)									Prepared: 04/10/25 Analyzed: 04/10/25
Chloride	ND	20.0							
LCS (2515101-BS1)									Prepared: 04/10/25 Analyzed: 04/10/25
Chloride	252	20.0	250		101	90-110			
LCS Dup (2515101-BSD1)									Prepared: 04/10/25 Analyzed: 04/10/25
Chloride	253	20.0	250		101	90-110	0.424	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:	Cotton Draw Unit #117H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Delrae Geller	04/11/25 11:31

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

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

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

Released to Imaging: 7/1/2025 11:29:28 AM

Received by OCD: 6/24/2025 9:45:27 AM

Chain of Custody

Client Information	Invoice Information	Lab Use Only		TAT				State					
Client: Pima Environmental Services, LLC	Company: DEVON	Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX		
Project Name: Cotton Draw Unit #117 H	Address:	E504085	01058-0007	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. #1-282												
Email: delrae@pimaoil.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
12:00	4/9/2025	S		CS1- COMP.		1						X					Compliance	Y	or N
12:18	4/9/2025	S		CS2- COMP.		2						X					PWSID #		
12:22	4/9/2025	S		CS3-COMP.		3						X					Remarks		
12:29	4/9/2025	S		CSW1- COMP.		4						X							
12:38	4/9/2025	S		CSW2- COMP.		5						X							
12:49	4/9/2025	S		CSW3- COMP.		6						X							

Additional Instructions: BILLING- 21146174

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

Sampled by: Andrew Franco

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Andrew Franco	4/9/25	2:00	Clarine Adame	4/10/25	9:03
Clarine Adame	4/10/25	1:00	Michelle Gonzales	4-10-25	1300
Michelle Gonzales	4.10.25	1415	[signature]	4.10.25	1645
[signature]	4.10.25	2300	[signature]	4.10.25	2330

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 oC on subsequent days.

Lab Use Only

Received on ice: (Y) N

T1 _____ T2 _____ T3 _____

AVG Temp oC 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 14 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.

Received by OCD: 6/24/2025 9:45:27 AM

Envirotech Analytical Laboratory

Printed: 4/11/2025 8:41:49AM

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:	04/10/25 23:30	Work Order ID:	E504085
Phone:	(575) 631-6977	Date Logged In:	04/10/25 14:33	Logged In By:	Caitlin Mars
Email:		Due Date:	04/11/25 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	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

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

Comments/Resolution

No of containers not provided on COC.

Client Instruction

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

Date

envirotech Inc.

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QUESTIONS

Action 478323

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 478323
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAB1911658680**
Incident Name	**NAB1911658680 COTTON DRAW UNIT #153H @ 30-015-38535**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Closure Report Received**
Incident Well	**[30-015-38535] COTTON DRAW UNIT #153H**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	COTTON DRAW UNIT #153H
Date Release Discovered	08/14/2018
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Equipment Failure | Valve | Crude Oil | Released: 5 BBL | Recovered: 3 BBL | Lost: 2 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure | Valve | Produced Water | Released: 5 BBL | Recovered: 2 BBL | Lost: 3 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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QUESTIONS (continued)

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

QUESTIONS

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

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*
Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.	

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 06/24/2025

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QUESTIONS (continued)

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	Action Number: 478323
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	1000
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	5170
GRO+DRO (EPA SW-846 Method 8015M)	3660
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
On what estimated date will the remediation commence	01/19/2025
On what date will (or did) the final sampling or liner inspection occur	12/11/2024
On what date will (or was) the remediation complete(d)	02/19/2025
What is the estimated surface area (in square feet) that will be reclaimed	856
What is the estimated volume (in cubic yards) that will be reclaimed	48
What is the estimated surface area (in square feet) that will be remediated	856
What is the estimated volume (in cubic yards) that will be remediated	48
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

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

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	HALFWAY DISPOSAL AND LANDFILL [fEEM0112334510]
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
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 12/20/2024
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

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	Action Number: 478323
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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QUESTIONS (continued)

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

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**368913**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**08/02/2104**
What was the (estimated) number of samples that were to be gathered	**24**
What was the sampling surface area in square feet	**856**

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	1177
What was the total volume (cubic yards) remediated	53
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	5105
What was the total volume (in cubic yards) reclaimed	1177
Summarize any additional remediation activities not included by answers (above)	Remediation Complete

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: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 06/24/2025

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QUESTIONS (continued)

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

QUESTIONS

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

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CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	6137
	Action Number: 478323
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	The remediation closure is approved.	7/1/2025
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.	7/1/2025
michael.buchanan	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. The OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	7/1/2025
michael.buchanan	All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including: Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil, information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeding activities, inspections, and final pictures when revegetation is achieved.	7/1/2025
michael.buchanan	A revegetation report will not be accepted until revegetation 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.	7/1/2025
michael.buchanan	Per 19.15.29.13 E. NMAC, if a reclamation and revegetation report has been submitted to the surface owner, it may be used if the requirements of the surface owner provide equal or better protection of freshwater, human health, and the environment. A copy of the approval of the reclamation and revegetation report from the surface owner and a copy of the approved reclamation and revegetation report will need to be submitted to the OCD via the Permitting website.	7/1/2025