

Raybaw Operating, LLC.
2626 Cole Ave., Suite 300
Dallas, TX 75204
214-800-2301

June 24, 2024

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

RE: Remediation Closure Report
State EF Com #001
API No. 30-025-01821
GPS: Latitude 33.389492 Longitude -103.5441055
ULSTR – P – 6 – 11S – 34E 660 FSL 660 FEL Lea County, NM
NMOCD Reference No. nAPP2323540131

Raybaw Operating, LLC (Raybaw) has contracted Pima Environmental Services, LLC (Pima) to prepare this closure report for an unknown release that was found during an inspection at the State EF Com #001 (State). An initial C-141 was submitted on August 25, 2023. This incident was assigned Incident ID nAPP2323540131, by the New Mexico Oil Conservation Division (NMOCD).

Site Information and Site Characterization

Site information and characterization documents can be found in the previously approved Site Characterization and Remediation Plan Report located in OCD Online: Permitting – Action Status, under the Application ID: 312253.

Release Information

nAPP2323540131: On August 2, 2023, NMOCD field inspection – cEZB2322846169 – Inspector cited: 19.15.29 Releases Surface Leaks/Spills Remove contamination and dispose, per rule requirements.

Countermeasures due to Remediation Closure Report Denied

On April 12, 2024, the NMOCD denied the remediation closure report citing:

The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action (C-141)*, for incident ID (n#) nAPP2323540131, for the following reasons:

- **Remediation closure is denied. Per the remediation plan which was approved on 3/14/2024 "the 20x20 stain around the wellhead" needed to be addressed in the remediation. Any chemical treatments used are supposed to receive prior OCD approval. In the photographs provided it says "Till and treat." What was used to treat the soil? Per 19.15.29.12(E) NMAC, "a description of all remedial activities" should be included in the report. Samples will need to be collected around the wellhead to the east of the pumpjack at varying depths to ensure no contamination remains. Ensure notice is provided at least 2 business days prior to collecting samples pursuant to 19.15.29.12(D) NMAC. Submit a new report to OCD by 5/12/2024.**

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 332076. Please review and make the required correction(s) prior to resubmitting. If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141.

From April 13, 2024, through April 17, 2024, there was an email and phone correspondence between the NMOCD, Pima, and Raybaw discussing a plan for reinvestigation of the remediated areas. It was also confirmed that a chemical treatment was not used around the wellhead area. The discussed plan was finalized and approved via email on April 17, 2024. This correspondence can be found in Appendix A. The Reinvestigation Sample Map can be found in Figure 2.

On April 25, 2024, Raybaw submitted a 48-hour sampling notification for the pre-approved sampling event. This notification can be found in OCD Online: Permitting – Action Status, under the Application ID: 337471.

On May 13, 2024, after unforeseen issues caused the latest sampling event to be cancelled, Raybaw submitted another 48-hour sampling notification for this sampling event. This notification can be found in OCD Online: Permitting – Action Status, under the Application ID: 343486.

On May 15, 2024, Pima personnel arrived on site to complete the sampling event. 5-point composite samples were collected from the wellhead area that included 2 base sample points and 1 wall sample point. The Wellhead Proposed Sample Map can be found in Figure 3. Discreet samples were collected from 18 different points in the larger remediated area and from the appropriate depth intervals. A total of 66 samples were collected, with 30 of these samples being tested for Chlorides only, and 36 of these samples being tested for all constituents. The results of the lab testing for this sampling event can be found in the Data Tables in Figure 1.

Contamination was found over the regulatory limits as per Table 1 19.15.29.12 NMAC at two sample points. The sample points CS5 and CS8 were excavated to depths of 5' bgs to remove this additional contamination.

On June 10, 2024, Raybaw and Pima mobilized personnel and equipment to the site to excavate the two areas surrounding sample points CS5 and CS8. Each area was approximately 100 square feet and approximately 11 cubic yards of contaminated soil was removed from each area. A composite sample was collected from each area consisting of a base and four wall samples. These samples were immediately put on ice, then jarred and delivered to Cardinal Laboratories for official testing. The samples were analyzed for all constituents listed in Table 1 19.15.29.12 NMAC. The results of this sampling event can be found in the Data Tables in Figure 1. A Confirmation Sample Map can be found in Figure 4.

Complete Laboratory Reports can be found in Appendix C. Photographic Documentation can be found in Appendix B.

Approval Request

On behalf of Raybaw, Pima requests that the reinvestigation activities and this Remediation Closure Report for incident ID# nAPP2323540131 be approved. Once approved, the site will then be backfilled, packed, and recontoured to its original state with clean, fresh backfill material.

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

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

Raybaw Operating – Nancy Winn at 281-793-5452 or nwinn@sbcglobal.net.

Attachments

Figures:

- 1- Data Tables
- 2- Reinvestigation Sample Map
- 3- Wellhead Proposed Sample Map
- 4- Confirmation Sample Map

Appendices:

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



Figures:

1 - Data Tables

2 - Reinvestigation Sample Map

3 - Wellhead Proposed Sample Map

4 - Confirmation Sample Map

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')							
RAYBAW OPERATING, LLC - STATE EF COM #1 - nAPP2323540131							
Date: 5/15/24		NM Approved Laboratory Results					
Sample ID	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	CI mg/kg
CS1 2'	ND	ND	ND	ND	ND	0	424
CS1 3'	ND	ND	ND	ND	ND	0	224
CS1 4'	ND	ND	ND	ND	ND	0	575
CS2 2'	--	--	--	--	--	0	330
CS2 3'	--	--	--	--	--	0	358
CS2 4'	--	--	--	--	--	0	266
CS3 2'	--	--	--	--	--	0	271
CS3 3'	--	--	--	--	--	0	295
CS3 4'	--	--	--	--	--	0	310
CS4 2'	--	--	--	--	--	0	375
CS4 3'	--	--	--	--	--	0	476
CS4 4'	--	--	--	--	--	0	513
CS5 2'	ND	ND	ND	ND	ND	0	558
CS5 3'	ND	ND	ND	ND	ND	0	533
CS5 4'	ND	ND	ND	ND	50.2	50.2	651
CS6 2'	--	--	--	--	--	0	421
CS6 3'	--	--	--	--	--	0	489
CS6 4'	--	--	--	--	--	0	538
CS7 2'	ND	ND	ND	ND	ND	0	438
CS7 3'	ND	ND	ND	ND	ND	0	375
CS7 4'	ND	ND	ND	ND	ND	0	390
CS8 2'	--	--	--	--	--	0	552
CS8 3'	--	--	--	--	--	0	740
CS8 4'	--	--	--	--	--	0	406
CS9 2'	ND	ND	ND	32.9	ND	32.9	328
CS9 3'	ND	ND	ND	42.8	ND	42.8	543
CS9 4'	ND	ND	ND	36.9	ND	36.9	453
CS10 2'	--	--	--	--	--	0	283
CS10 3'	--	--	--	--	--	0	453
CS10 4'	--	--	--	--	--	0	559
CS11 2'	ND	ND	ND	ND	ND	0	394
CS11 3'	ND	ND	ND	ND	ND	0	491
CS11 4'	ND	ND	ND	ND	ND	0	553
CS12 2'	--	--	--	--	--	0	457
CS12 3'	--	--	--	--	--	0	445
CS12 4'	--	--	--	--	--	0	404
CS13 2'	ND	ND	ND	ND	ND	0	518
CS13 3'	ND	ND	ND	ND	ND	0	479
CS13 4'	ND	ND	ND	ND	ND	0	462



Sample ID	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	CI mg/kg
CS14 3'	--	--	--	--	--	0	488
CS14 4'	--	--	--	--	--	0	487
CS15 2'	ND	ND	ND	ND	ND	0	489
CS15 3'	ND	ND	ND	ND	ND	0	411
CS15 4'	ND	ND	ND	ND	ND	0	491
CS16 2'	--	--	--	--	--	0	417
CS16 3'	--	--	--	--	--	0	364
CS16 4'	--	--	--	--	--	0	521
CS17 2'	--	--	--	--	--	0	ND
CS17 3'	--	--	--	--	--	0	ND
CS17 4'	--	--	--	--	--	0	ND
CS18 2'	ND	ND	ND	ND	ND	0	452
CS18 3'	ND	ND	ND	ND	ND	0	471
CS18 4'	ND	ND	ND	ND	ND	0	532
CS39 1'	ND	ND	ND	ND	ND	0	ND
CS39 2'	ND	ND	ND	ND	ND	0	ND
CS39 3'	ND	ND	ND	ND	ND	0	ND
CS39 4'	ND	ND	ND	ND	ND	0	450
CS40 1'	ND	ND	ND	ND	ND	0	426
CS40 2'	ND	ND	ND	ND	ND	0	561
CS40 3'	ND	ND	ND	ND	ND	0	ND
CS40 4'	ND	ND	ND	ND	ND	0	ND
CSW5 1'	ND	ND	ND	ND	ND	0	ND
CSW5 2'	ND	ND	ND	ND	ND	0	536
CSW5 3'	ND	ND	ND	ND	ND	0	372
CSW5 4'	ND	ND	ND	ND	ND	0	378

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
RAYBAW OPERATING, LLC - STATE EF COM #1								
Date: 6/10/24		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	CI mg/kg
CS5 - 5'	5'	ND	ND	ND	ND	ND	0	ND
CS8 - 5'	5'	ND	ND	ND	ND	ND	0	ND

State EF Com #1

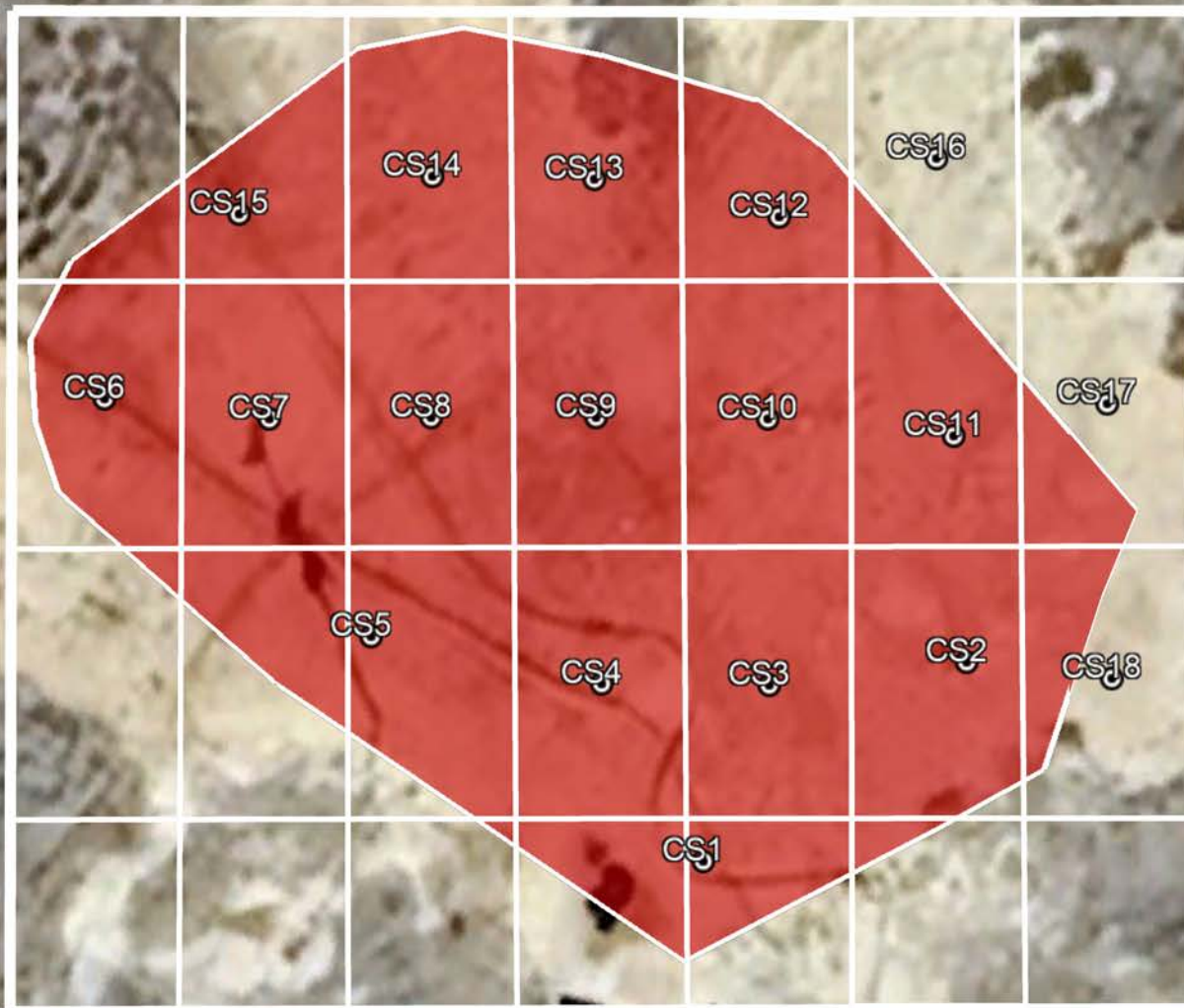
Raybaw Operating, LLC.
API #30-025-01821
Lea County, NM
Reinvestigation Sample Map

Legend

-  Excavated Area-14,550 sqft
-  Sample points

25'

40'

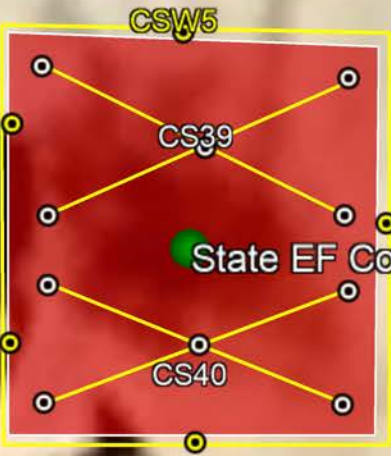


Legend

- Composite Confirmation Bases
- Composite Confirmation Sidewall
- State EF Com #1
- Wellhead stain - 400 sqft

State EF Com #1

Raybaw Operating, LLC.
API #30-025-01821
Lea County, NM
Wellhead Proposed Sample Map

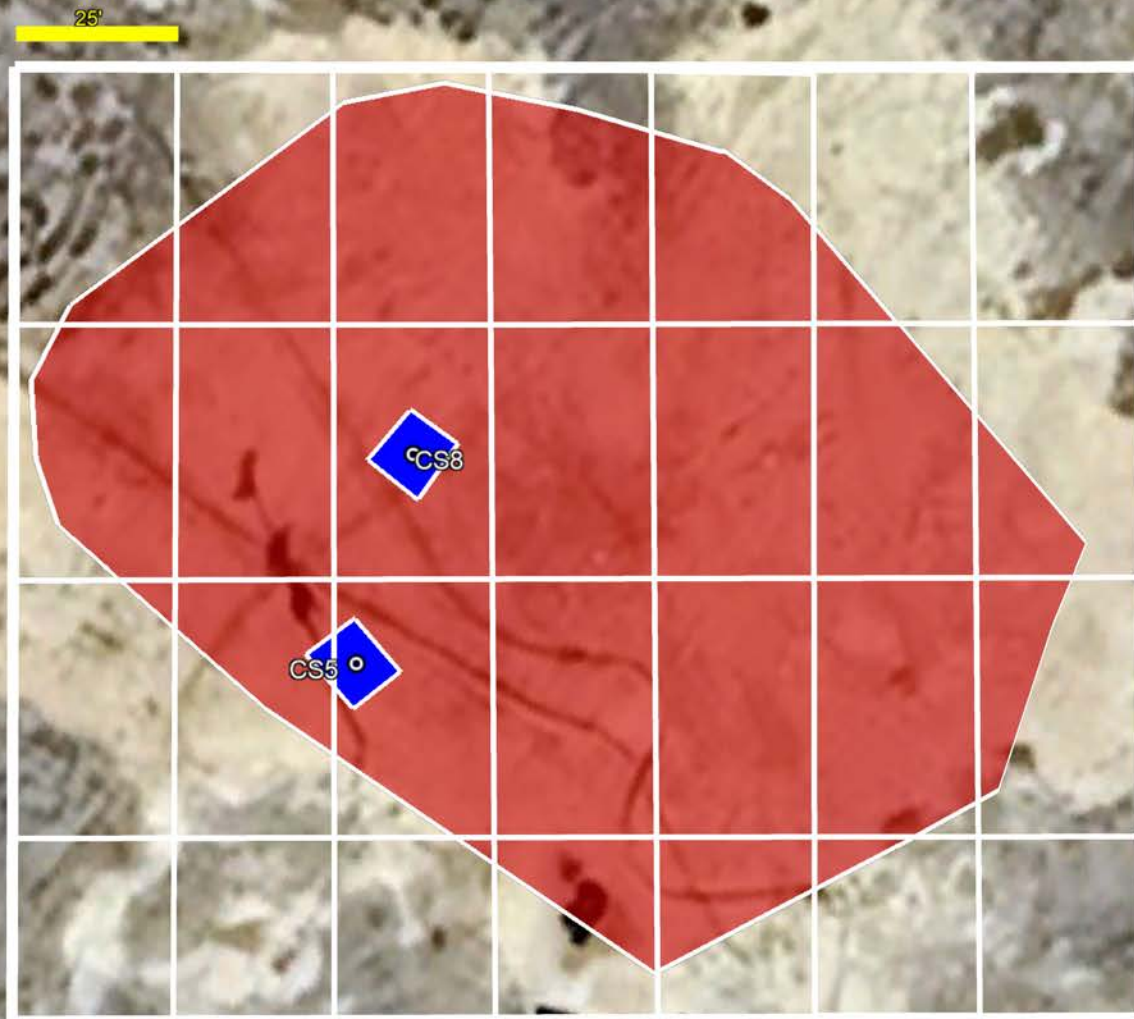


State EF Com #1

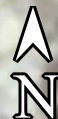
Raybaw Operating
API #30-025-01821
Lea County, NM
Confirmation Sample Map

Legend

- 5' Excavation areas
- State EF Com #1



Google Earth



State EF Com #1

100 ft



Appendix A

NMOCD Email Correspondence



Tom Pima Oil <tom@pimaoil.com>

Fw: The Oil Conservation Division (OCD) has accepted the application, Application ID: 343486

1 message

Nancy Winn <nwinn@sbcglobal.net>
To: Tom Pima Oil <tom@pimaoil.com>

Tue, May 14, 2024 at 9:14 AM

Let me know if you need anything else.

Thanks,

Nancy

Nancy J. Winn
Geoscience Analyst
1601 Belmont Blvd.
Abilene, Texas 79602
281-793-5452 (cell)

----- Forwarded Message -----

From: OCDOnline@state.nm.us <ocdonline@state.nm.us>
To: "nwinn@sbcglobal.net" <nwinn@sbcglobal.net>
Sent: Tuesday, May 14, 2024 at 08:51:12 AM CDT
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 343486

To whom it may concern (c/o Nancy Winn for RAYBAW Operating, LLC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2323540131.

The sampling event is expected to take place:

When: 05/15/2024 @ 11:00
Where: P-06-11S-34E 660 FSL 660 FEL (33.389492,-103.5441055)

Additional Information: Field Contact is Tim Houghtaling (Cell 575-513-0131)

Additional Instructions: Location is in Lea County. Location information if P-06-11S-34E/660' FSL & 660' FEL. Lat 33.389442 Long -103.5441055 NAD83

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



Tom Pima Oil <tom@pimaoil.com>

RE: [EXTERNAL] Re: Fw: The Oil Conservation Division (OCD) has rejected the application, Application ID: 332076

1 message

Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Wed, Apr 17, 2024 at 3:51 PM

To: Tom Pima Oil <tom@pimaoil.com>

Cc: "Wells, Shelly, EMNRD" <Shelly.Wells@emnrd.nm.gov>, Tom Campbell <tom@oaknrg.com>, Nancy Winn <nwinn@sbcglobal.net>

Tom,

As discussed, in the excavated area, take discreet samples at the appropriate depth interval. Do not composite these samples. Otherwise, looks good to go.

Thank you,

Mike Bratcher • Incident Supervisor

Environmental Bureau

EMNRD - Oil Conservation Division

506 W. Texas Ave | Artesia, NM 88210

(575) 626-0857 | mike.bratcher@emnrd.nm.gov

<http://www.emnrd.nm.gov/oed>



From: Tom Pima Oil <tom@pimaoil.com>

Sent: Wednesday, April 17, 2024 1:32 PM

To: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Cc: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>; Tom Campbell <tom@oaknrg.com>; Nancy Winn <nwinn@sbcglobal.net>

Subject: Re: [EXTERNAL] Re: Fw: The Oil Conservation Division (OCD) has rejected the application, Application ID: 332076

Good afternoon all,

Attached are the final draft maps for these two areas. If everything looks good and you approve, we'll proceed to get this completed.

Please correct me if I'm wrong, my understanding is that this sampling event will break down as follows:

Wellhead area

2 Composite base sample points - depths of 1', 2', 3', and 4' - 8 samples total, full suite

1 Composite sidewall sample point - depths of 1', 2', 3', and 4' - 4 samples total, full suite

Excavated area (1' bgs)

10 Composite base sample points - depths of 2', 3', and 4' - 30 samples total, chloride test only

8 Composite base samples points - depths of 2', 3', and 4' - 24 samples total, full suite

Total Samples = 66

Full Suite = 36

Chloride Only = 30

MANY THANKS,

Tom Bynum

Cell – 580-748-1613

Office – 575-964-7740



Pima Environmental Services, LLC.

On Wed, Apr 17, 2024 at 12:03 PM Tom Pima Oil <tom@pimaoil.com> wrote:

Mike,

Got it sir, thank you. I'll make the adjustments on our side and we'll get into the schedule to see when we can collect these.

I've got Nancy copied on this as well so she can be caught up.

MANY THANKS,

Tom Bynum

Cell – 580-748-1613

Office – 575-964-7740

[Redacted]

Pima Environmental Services, LLC.

On Wed, Apr 17, 2024 at 11:59 AM Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov> wrote:

Tom,

Nancy Winn may not be getting these emails. I get a “non-deliverable” message back on her.

Thanks – mb

From: Bratcher, Michael, EMNRD

Sent: Wednesday, April 17, 2024 10:55 AM

To: Tom Pima Oil <tom@pimaoil.com>; Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

Cc: Nancy Winn <nwinn@sbcglobal.net>; Tom Campbell <tom@oaknrg.com>

Subject: RE: [EXTERNAL] Re: Fw: The Oil Conservation Division (OCD) has rejected the application, Application ID: 332076

Tom,

I have added three sample points on the old pit area (black X). The ones adjacent to CS12 and CS11 can be run for chloride only and a full suite on the one adjacent to CS2. We are good with the area at the pumpjack.

Thanks,

Mike Bratcher • Incident Supervisor

Environmental Bureau

EMNRD - Oil Conservation Division

506 W. Texas Ave | Artesia, NM 88210

(575) 626-0857 | mike.bratcher@emnrd.nm.gov

<http://www.emnrd.nm.gov/oed>



From: Tom Pima Oil <tom@pimaoil.com>

Sent: Tuesday, April 16, 2024 12:05 PM

To: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

Cc: Nancy Winn <nwinn@sbcglobal.net>; Tom Campbell <tom@oaknrg.com>

Subject: Re: [EXTERNAL] Re: Fw: The Oil Conservation Division (OCD) has rejected the application, Application ID: 332076

Good afternoon Mike and Shelly,

Attached are the maps with proposed sampling points for the 2 areas at the State EF Com #1, please review and let us know your thoughts. We look forward to suggestions and are willing to make any needed changes or adjustments. Have a great day!

MANY THANKS,

Tom Bynum

Cell – 580-748-1613

Office – 575-964-7740



Pima Environmental Services, LLC.

On Mon, Apr 15, 2024 at 1:04 PM Tom Pima Oil <tom@pimaoil.com> wrote:

Mike,

I will work on the proposed sample point maps and send them over for review/approval.

MANY THANKS,

Tom Bynum

Cell – 580-748-1613

Office – 575-964-7740

[Redacted]

Pima Environmental Services, LLC.

On Mon, Apr 15, 2024 at 12:01 PM Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov> wrote:

Tom,

At this point, OCD is requesting additional investigation (delineation) in this area, and deeper samples obtained at the well head area, per the rejection. For the well head area, it should be relatively easy to ID the sample points, and there shouldn't be too many to do. The area denoted in red that I am referencing here, is very likely the legacy drilling pit. For this sampling event, OCD would like to see a minimum of fifteen sample points selected, evenly spaced, and in a manner that will be representative of the entire area that lacks vegetation. Samples need to be obtained at one foot intervals to a minimum of four feet below grade. Every other sample point may be tested for chloride only (seven sample points tested for full suite in Table 1, eight sample points tested for chloride only). I suggest proposing sample points for both sample areas so that we can all agree on placement. You can do this via email to Shelly Wells and me. OCD will require standard notification prior to obtaining samples. In addition, email a sample notification to Shelly and me. Also, be sure the lab includes the MDL when samples are run.

Let me know if you have any questions, and please include this correspondence in subsequent submittals.

Thank you,

Mike Bratcher • Incident Supervisor

Environmental Bureau

EMNRD - Oil Conservation Division

506 W. Texas Ave | Artesia, NM 88210

(575) 626-0857 | mike.bratcher@emnrd.nm.gov

<http://www.emnrd.nm.gov/oed>



From: Tom Pima Oil <tom@pimaoil.com>

Sent: Monday, April 15, 2024 9:49 AM

To: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Cc: Nancy Winn <nwinn@sbcglobal.net>; Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>; Tom Campbell <tom@oaknrg.com>; TIM HOUGHTALING <timh928@msn.com>; Gio PimaOil <gio@pimaoil.com>; Irma Rodriquez <Irma@oaknrg.com>; Jeff Stevenson <Jeff@oaknrg.com>; Bart Murphy <Bart@oaknrg.com>

Subject: Re: [EXTERNAL] Re: Fw: The Oil Conservation Division (OCD) has rejected the application, Application ID: 332076

Yes sir, that's correct.

MANY THANKS,

Tom Bynum

Cell – 580-748-1613

Office – 575-964-7740

Pima Environmental Services, LLC.

On Mon, Apr 15, 2024 at 10:28 AM Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov> wrote:

Not necessarily. My understanding is that one foot of material was removed across this entire area, correct?

From: Tom Pima Oil <tom@pimaoil.com>

Sent: Monday, April 15, 2024 8:51 AM

To: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Cc: Nancy Winn <nwinn@sbcglobal.net>; Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>; Tom Campbell <tom@oaknrg.com>; TIM HOUGHTALING <timh928@msn.com>; Gio PimaOil <gio@pimaoil.com>; Irma Rodriquez <Irma@oaknrg.com>; Jeff Stevenson <Jeff@oaknrg.com>; Bart Murphy <Bart@oaknrg.com>

Subject: Re: [EXTERNAL] Re: Fw: The Oil Conservation Division (OCD) has rejected the application, Application ID: 332076

Mike,

Just to clarify, the OCD is requiring that more confirmation samples be collected from all 38 composite base sample points at depths of 2', 3' and 4'? If I'm doing my math right, 114 more confirmation samples are required now, is that correct?

MANY THANKS,

Tom Bynum

Cell – 580-748-1613

Office – 575-964-7740



Pima Environmental Services, LLC.

On Mon, Apr 15, 2024 at 9:19 AM Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov> wrote:

Tom,

In the area north of the well with sample points marked "CS", and denoted in red on the Confirmation Sample Map, OCD does require samples to be obtained in one foot intervals to a minimum of four feet below grade.

If you have questions let us know.

Thank you,

Mike Bratcher • Incident Supervisor

Environmental Bureau

EMNRD - Oil Conservation Division

[506 W. Texas Ave | Artesia, NM 88210](#)

(575) 626-0857 | mike.bratcher@emnrd.nm.gov

<http://www.emnrd.nm.gov/oed>



From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

Sent: Monday, April 15, 2024 7:14 AM

To: Tom Pima Oil <tom@pimaoil.com>

Cc: Nancy Winn <nwinn@sbcglobal.net>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Subject: RE: [EXTERNAL] Re: Fw: The Oil Conservation Division (OCD) has rejected the application, Application ID: 332076

Good morning Tom,

Samples will still need to be collected and this information will need to be written in your resubmittal.

Thank you,

Shelly

[Shelly Wells](#) * Environmental Specialist-Advanced

Environmental Bureau

EMNRD-Oil Conservation Division

[1220 S. St. Francis Drive](#)|Santa Fe, NM 87505

(505)469-7520|Shelly.Wells@emnrd.nm.gov

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

From: Tom Pima Oil <tom@pimaoil.com>

Sent: Saturday, April 13, 2024 7:21 AM

To: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>; ocdonline, emnrd, EMNRD <emnrd.ocdonline@emnrd.nm.gov>

Cc: Nancy Winn <nwinn@sbcglobal.net>

Subject: [EXTERNAL] Re: Fw: The Oil Conservation Division (OCD) has rejected the application, Application ID: 332076

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

Good morning,

My apologies for the oversight, the pictures in this report were mislabeled. We did not use any chemicals at this location. Tillers were used to try and break up the rock so that the hand tools could remove soil around the wellhead and plumbing. The description of remedial activities is correct, the picture labels are not. We are happy to correct those if you so require.

MANY THANKS,

Tom Bynum

Cell – 580-748-1613

Office – 575-964-7740

Pima Environmental Services, LLC.

----- Forwarded Message -----

From: OCDOnline@state.nm.us <ocdonline@state.nm.us>

To: "nwinn@sbcglobal.net" <nwinn@sbcglobal.net>

Sent: Friday, April 12, 2024 at 04:48:38 PM CDT

Subject: The Oil Conservation Division (OCD) has rejected the application, Application ID: 332076

To whom it may concern (c/o Nancy Winn for RAYBAW Operating, LLC),

The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2323540131, for the following reasons:

- **Remediation closure is denied. Per the remediation plan which was approved on 3/14/2024 "the 20x20 stain around the wellhead" needed to be addressed in the remediation. Any chemical treatments used are supposed to receive prior OCD approval. In the photographs provided it says "Till and treat." What was used to treat the soil? Per 19.15.29.12(E) NMAC, "a description of all remedial activities" should be included in the report. Samples will need to be collected around the wellhead to the east of the pumpjack at varying depths to ensure no contamination remains. Ensure notice is provided at least 2 business days prior to collecting samples pursuant to 19.15.29.12(D) NMAC. Submit a new report to OCD by 5/12/2024.**

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 332076.

Please review and make the required correction(s) prior to resubmitting.

If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141.

Thank you,
Shelly Wells
Environmental Specialist-A

505-469-7520
Shelly.Wells@emnrd.nm.gov

New Mexico Energy, Minerals and Natural Resources Department
[1220 South St. Francis Drive](#)
Santa Fe, NM 87505















Appendix B

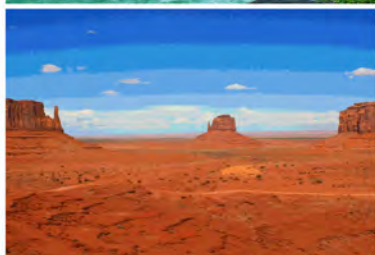
Photographic Documentation



Appendix C

Laboratory Reports

Report to:
Tom Bynum



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: State EF Com #1

Work Order: E405253

Job Number: 21064-0001

Received: 5/20/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/30/24

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 5/30/24

Tom Bynum
PO Box 247
Plains, TX 79355-0247



Project Name: State EF Com #1
Workorder: E405253
Date Received: 5/20/2024 9:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/20/2024 9:30:00AM, under the Project Name: State EF Com #1.

The analytical test results summarized in this report with the Project Name: State EF Com #1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	05/30/24 13:53

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS1 2'	E405253-01A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS1 3'	E405253-02A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS1 4'	E405253-03A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS2 2'	E405253-04A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS2 3'	E405253-05A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS2 4'	E405253-06A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS3 2'	E405253-07A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS3 3'	E405253-08A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS3 4'	E405253-09A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS4 2'	E405253-10A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS4 3'	E405253-11A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS4 4'	E405253-12A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS5 2'	E405253-13A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS5 3'	E405253-14A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS5 4'	E405253-15A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS6 2'	E405253-16A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS6 3'	E405253-17A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS6 4'	E405253-18A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS7 2'	E405253-19A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS7 3'	E405253-20A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Project Number: Project Manager:	State EF Com #1 21064-0001 Tom Bynum	Reported: 5/30/2024 1:53:31PM
---	--	--	----------------------------------

CS1 2'
E405253-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421135	
Benzene	ND	0.0250	1	05/23/24	05/25/24	
Ethylbenzene	ND	0.0250	1	05/23/24	05/25/24	
Toluene	ND	0.0250	1	05/23/24	05/25/24	
o-Xylene	ND	0.0250	1	05/23/24	05/25/24	
p,m-Xylene	ND	0.0500	1	05/23/24	05/25/24	
Total Xylenes	ND	0.0250	1	05/23/24	05/25/24	
Surrogate: Bromofluorobenzene		102 %	70-130	05/23/24	05/25/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	05/23/24	05/25/24	
Surrogate: Toluene-d8		101 %	70-130	05/23/24	05/25/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421135	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/24	05/25/24	
Surrogate: Bromofluorobenzene		102 %	70-130	05/23/24	05/25/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	05/23/24	05/25/24	
Surrogate: Toluene-d8		101 %	70-130	05/23/24	05/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2422011	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/28/24	05/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/28/24	05/30/24	
Surrogate: n-Nonane		112 %	50-200	05/28/24	05/30/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2421170	
Chloride	424	20.0	1	05/24/24	05/25/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	Reported: 5/30/2024 1:53:31PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CS1 3'

E405253-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421135	
Benzene	ND	0.0250	1	05/23/24	05/25/24	
Ethylbenzene	ND	0.0250	1	05/23/24	05/25/24	
Toluene	ND	0.0250	1	05/23/24	05/25/24	
o-Xylene	ND	0.0250	1	05/23/24	05/25/24	
p,m-Xylene	ND	0.0500	1	05/23/24	05/25/24	
Total Xylenes	ND	0.0250	1	05/23/24	05/25/24	
Surrogate: Bromofluorobenzene		102 %	70-130	05/23/24	05/25/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	05/23/24	05/25/24	
Surrogate: Toluene-d8		102 %	70-130	05/23/24	05/25/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421135	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/24	05/25/24	
Surrogate: Bromofluorobenzene		102 %	70-130	05/23/24	05/25/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	05/23/24	05/25/24	
Surrogate: Toluene-d8		102 %	70-130	05/23/24	05/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2422011	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/28/24	05/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/28/24	05/30/24	
Surrogate: n-Nonane		116 %	50-200	05/28/24	05/30/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2421170	
Chloride	224	20.0	1	05/24/24	05/25/24	



Sample Data

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

Project Name: State EF Com #1
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
5/30/2024 1:53:31PM

CS1 4'

E405253-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: EG		Batch: 2421135
Benzene	ND	0.0250	1	05/23/24	05/25/24	
Ethylbenzene	ND	0.0250	1	05/23/24	05/25/24	
Toluene	ND	0.0250	1	05/23/24	05/25/24	
o-Xylene	ND	0.0250	1	05/23/24	05/25/24	
p,m-Xylene	ND	0.0500	1	05/23/24	05/25/24	
Total Xylenes	ND	0.0250	1	05/23/24	05/25/24	
Surrogate: Bromofluorobenzene		102 %	70-130	05/23/24	05/25/24	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130	05/23/24	05/25/24	
Surrogate: Toluene-d8		102 %	70-130	05/23/24	05/25/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: EG		Batch: 2421135
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/24	05/25/24	
Surrogate: Bromofluorobenzene		102 %	70-130	05/23/24	05/25/24	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130	05/23/24	05/25/24	
Surrogate: Toluene-d8		102 %	70-130	05/23/24	05/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2422011
Diesel Range Organics (C10-C28)	ND	25.0	1	05/28/24	05/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/28/24	05/30/24	
Surrogate: n-Nonane		112 %	50-200	05/28/24	05/30/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2421170
Chloride	575	20.0	1	05/24/24	05/25/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/30/2024 1:53:31PM

CS2 2'

E405253-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2421170
Chloride	330	20.0	1	05/24/24	05/25/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/30/2024 1:53:31PM

CS2 3'

E405253-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2421170
Chloride	358	20.0	1	05/24/24	05/25/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/30/2024 1:53:31PM

CS2 4'

E405253-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2421170
Chloride	266	20.0	1	05/24/24	05/25/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/30/2024 1:53:31PM

CS3 2'

E405253-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2421170
Chloride	271	20.0	1	05/24/24	05/25/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/30/2024 1:53:31PM

CS3 3'

E405253-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2421170
Chloride	295	20.0	1	05/24/24	05/25/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/30/2024 1:53:31PM

CS3 4'

E405253-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2421170
Chloride	310	20.0	1	05/24/24	05/25/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/30/2024 1:53:31PM

CS4 2'

E405253-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2421170
Chloride	375	20.0	1	05/24/24	05/25/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/30/2024 1:53:31PM

CS4 3'

E405253-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2421170
Chloride	476	20.0	1	05/24/24	05/25/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/30/2024 1:53:31PM

CS4 4'

E405253-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2421170
Chloride	513	20.0	1	05/24/24	05/25/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/30/2024 1:53:31PM

CS5 2'

E405253-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: EG		Batch: 2421135
Benzene	ND	0.0250	1	05/23/24	05/25/24	
Ethylbenzene	ND	0.0250	1	05/23/24	05/25/24	
Toluene	ND	0.0250	1	05/23/24	05/25/24	
o-Xylene	ND	0.0250	1	05/23/24	05/25/24	
p,m-Xylene	ND	0.0500	1	05/23/24	05/25/24	
Total Xylenes	ND	0.0250	1	05/23/24	05/25/24	
Surrogate: Bromofluorobenzene		103 %	70-130	05/23/24	05/25/24	
Surrogate: 1,2-Dichloroethane-d4		99.5 %	70-130	05/23/24	05/25/24	
Surrogate: Toluene-d8		102 %	70-130	05/23/24	05/25/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: EG		Batch: 2421135
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/24	05/25/24	
Surrogate: Bromofluorobenzene		103 %	70-130	05/23/24	05/25/24	
Surrogate: 1,2-Dichloroethane-d4		99.5 %	70-130	05/23/24	05/25/24	
Surrogate: Toluene-d8		102 %	70-130	05/23/24	05/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2422011
Diesel Range Organics (C10-C28)	ND	25.0	1	05/28/24	05/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/28/24	05/30/24	
Surrogate: n-Nonane		113 %	50-200	05/28/24	05/30/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2421170
Chloride	558	20.0	1	05/24/24	05/25/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	Reported: 5/30/2024 1:53:31PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CS5 3'

E405253-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421135	
Benzene	ND	0.0250	1	05/23/24	05/25/24	
Ethylbenzene	ND	0.0250	1	05/23/24	05/25/24	
Toluene	ND	0.0250	1	05/23/24	05/25/24	
o-Xylene	ND	0.0250	1	05/23/24	05/25/24	
p,m-Xylene	ND	0.0500	1	05/23/24	05/25/24	
Total Xylenes	ND	0.0250	1	05/23/24	05/25/24	
Surrogate: Bromofluorobenzene	105 %	70-130		05/23/24	05/25/24	
Surrogate: 1,2-Dichloroethane-d4	97.9 %	70-130		05/23/24	05/25/24	
Surrogate: Toluene-d8	101 %	70-130		05/23/24	05/25/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421135	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/24	05/25/24	
Surrogate: Bromofluorobenzene	105 %	70-130		05/23/24	05/25/24	
Surrogate: 1,2-Dichloroethane-d4	97.9 %	70-130		05/23/24	05/25/24	
Surrogate: Toluene-d8	101 %	70-130		05/23/24	05/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2422011	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/28/24	05/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/28/24	05/30/24	
Surrogate: n-Nonane	114 %	50-200		05/28/24	05/30/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2421170	
Chloride	533	20.0	1	05/24/24	05/25/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/30/2024 1:53:31PM

CS5 4'

E405253-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: EG		Batch: 2421135
Benzene	ND	0.0250	1	05/23/24	05/25/24	
Ethylbenzene	ND	0.0250	1	05/23/24	05/25/24	
Toluene	ND	0.0250	1	05/23/24	05/25/24	
o-Xylene	ND	0.0250	1	05/23/24	05/25/24	
p,m-Xylene	ND	0.0500	1	05/23/24	05/25/24	
Total Xylenes	ND	0.0250	1	05/23/24	05/25/24	
Surrogate: Bromofluorobenzene		104 %	70-130	05/23/24	05/25/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	05/23/24	05/25/24	
Surrogate: Toluene-d8		102 %	70-130	05/23/24	05/25/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: EG		Batch: 2421135
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/24	05/25/24	
Surrogate: Bromofluorobenzene		104 %	70-130	05/23/24	05/25/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	05/23/24	05/25/24	
Surrogate: Toluene-d8		102 %	70-130	05/23/24	05/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2422011
Diesel Range Organics (C10-C28)	ND	25.0	1	05/28/24	05/30/24	
Oil Range Organics (C28-C36)	50.2	50.0	1	05/28/24	05/30/24	
Surrogate: n-Nonane		116 %	50-200	05/28/24	05/30/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2421170
Chloride	651	20.0	1	05/24/24	05/25/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/30/2024 1:53:31PM

CS6 2'

E405253-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2421170
Chloride	421	20.0	1	05/24/24	05/25/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/30/2024 1:53:31PM

CS6 3'

E405253-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2421170
Chloride	489	20.0	1	05/24/24	05/25/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/30/2024 1:53:31PM

CS6 4'

E405253-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2421170
Chloride	538	20.0	1	05/24/24	05/25/24	



Sample Data

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

Project Name: State EF Com #1
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
5/30/2024 1:53:31PM

CS7 2'

E405253-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: EG		Batch: 2421135
Benzene	ND	0.0250	1	05/23/24	05/25/24	
Ethylbenzene	ND	0.0250	1	05/23/24	05/25/24	
Toluene	ND	0.0250	1	05/23/24	05/25/24	
o-Xylene	ND	0.0250	1	05/23/24	05/25/24	
p,m-Xylene	ND	0.0500	1	05/23/24	05/25/24	
Total Xylenes	ND	0.0250	1	05/23/24	05/25/24	
Surrogate: Bromofluorobenzene		101 %	70-130	05/23/24	05/25/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	05/23/24	05/25/24	
Surrogate: Toluene-d8		101 %	70-130	05/23/24	05/25/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: EG		Batch: 2421135
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/24	05/25/24	
Surrogate: Bromofluorobenzene		101 %	70-130	05/23/24	05/25/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	05/23/24	05/25/24	
Surrogate: Toluene-d8		101 %	70-130	05/23/24	05/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2422011
Diesel Range Organics (C10-C28)	ND	25.0	1	05/28/24	05/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/28/24	05/30/24	
Surrogate: n-Nonane		113 %	50-200	05/28/24	05/30/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2421170
Chloride	438	20.0	1	05/24/24	05/25/24	



Sample Data

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

Project Name: State EF Com #1
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
5/30/2024 1:53:31PM

CS7 3'

E405253-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421135	
Benzene	ND	0.0250	1	05/23/24	05/25/24	
Ethylbenzene	ND	0.0250	1	05/23/24	05/25/24	
Toluene	ND	0.0250	1	05/23/24	05/25/24	
o-Xylene	ND	0.0250	1	05/23/24	05/25/24	
p,m-Xylene	ND	0.0500	1	05/23/24	05/25/24	
Total Xylenes	ND	0.0250	1	05/23/24	05/25/24	
Surrogate: Bromofluorobenzene		102 %	70-130	05/23/24	05/25/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	05/23/24	05/25/24	
Surrogate: Toluene-d8		101 %	70-130	05/23/24	05/25/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421135	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/24	05/25/24	
Surrogate: Bromofluorobenzene		102 %	70-130	05/23/24	05/25/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	05/23/24	05/25/24	
Surrogate: Toluene-d8		101 %	70-130	05/23/24	05/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2422011	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/28/24	05/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/28/24	05/30/24	
Surrogate: n-Nonane		112 %	50-200	05/28/24	05/30/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2421170	
Chloride	375	20.0	1	05/24/24	05/25/24	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	Reported: 5/30/2024 1:53:31PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Volatile Organic Compounds by EPA 8260B

Analyst: EG

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2421135-BLK1) Prepared: 05/23/24 Analyzed: 05/24/24

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	0.520		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.477		0.500		95.4	70-130			
Surrogate: Toluene-d8	0.509		0.500		102	70-130			

LCS (2421135-BS1) Prepared: 05/23/24 Analyzed: 05/24/24

Benzene	2.40	0.0250	2.50		95.8	70-130			
Ethylbenzene	2.60	0.0250	2.50		104	70-130			
Toluene	2.46	0.0250	2.50		98.3	70-130			
o-Xylene	2.62	0.0250	2.50		105	70-130			
p,m-Xylene	5.25	0.0500	5.00		105	70-130			
Total Xylenes	7.86	0.0250	7.50		105	70-130			
Surrogate: Bromofluorobenzene	0.522		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.6	70-130			
Surrogate: Toluene-d8	0.512		0.500		102	70-130			

LCS Dup (2421135-BSD1) Prepared: 05/23/24 Analyzed: 05/24/24

Benzene	2.50	0.0250	2.50		100	70-130	4.23	23	
Ethylbenzene	2.77	0.0250	2.50		111	70-130	6.33	27	
Toluene	2.61	0.0250	2.50		104	70-130	5.91	24	
o-Xylene	2.86	0.0250	2.50		114	70-130	8.96	27	
p,m-Xylene	5.76	0.0500	5.00		115	70-130	9.37	27	
Total Xylenes	8.62	0.0250	7.50		115	70-130	9.24	27	
Surrogate: Bromofluorobenzene	0.529		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.474		0.500		94.7	70-130			
Surrogate: Toluene-d8	0.517		0.500		103	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	Reported: 5/30/2024 1:53:31PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: EG

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2421135-BLK1) Prepared: 05/23/24 Analyzed: 05/24/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.520		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.477		0.500		95.4	70-130			
Surrogate: Toluene-d8	0.509		0.500		102	70-130			

LCS (2421135-BS2) Prepared: 05/23/24 Analyzed: 05/24/24

Gasoline Range Organics (C6-C10)	46.2	20.0	50.0		92.4	70-130			
Surrogate: Bromofluorobenzene	0.539		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		97.0	70-130			
Surrogate: Toluene-d8	0.516		0.500		103	70-130			

LCS Dup (2421135-BSD2) Prepared: 05/23/24 Analyzed: 05/24/24

Gasoline Range Organics (C6-C10)	44.0	20.0	50.0		88.0	70-130	4.81	20	
Surrogate: Bromofluorobenzene	0.535		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.470		0.500		94.0	70-130			
Surrogate: Toluene-d8	0.522		0.500		104	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	Reported: 5/30/2024 1:53:31PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2422011-BLK1)					Prepared: 05/28/24 Analyzed: 05/29/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	56.1		50.0		112	50-200			

LCS (2422011-BS1)					Prepared: 05/28/24 Analyzed: 05/29/24				
Diesel Range Organics (C10-C28)	264	25.0	250		105	38-132			
Surrogate: n-Nonane	54.7		50.0		109	50-200			

LCS Dup (2422011-BSD1)					Prepared: 05/28/24 Analyzed: 05/29/24				
Diesel Range Organics (C10-C28)	273	25.0	250		109	38-132	3.55	20	
Surrogate: n-Nonane	56.6		50.0		113	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/30/2024 1:53:31PM

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 (2421170-BLK1)					Prepared: 05/24/24 Analyzed: 05/24/24				
Chloride	ND	20.0							
LCS (2421170-BS1)					Prepared: 05/24/24 Analyzed: 05/24/24				
Chloride	253	20.0	250		101	90-110			
LCS Dup (2421170-BSD1)					Prepared: 05/24/24 Analyzed: 05/24/24				
Chloride	254	20.0	250		102	90-110	0.556	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:	State EF Com #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	05/30/24 13:53

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



Project Information

Chain of Custody

Client: Pima Environmental Services					Bill To		Lab Use Only						TAT				EPA Program	
Project: State EF Com #1					Attention: Pima Environmental		Lab WO# E 405253		Job Number 21064-0001				1D	2D	3D	Standard	CWA	SDWA
Project Manager: Gio Gomez					Address:		Analysis and Method										RCRA	
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 # 26-10													
Report due by:																		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	State				
														NM	CO	UT	AZ	TX
11:08	5/15	S	1	CS1 2'	1							X		X				
11:26				CS1 3'	2							X						
11:33				CS1 4'	3							X						
11:40				CS2 2'	4						X							
11:49				CS2 3'	5						X							
11:55				CS2 4'	6						X							
12:12				CS3 2'	7						X							
12:30				CS3 3'	8						X							
12:39				CS3 4'	9						X							
12:41				CS4 2'	10						X							

Additional Instructions: Bill to Pima

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: CP

Relinquished by: (Signature) Kerrime Adame Date 5-17-24 Time 1330

Received by: (Signature) CP Date 5-17-24 Time 1330

Relinquished by: (Signature) CP Date 5-17-24 Time 1730

Received by: (Signature) CP Date 5/20/24 Time 0930

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.

Project Information

Chain of Custody

Page 2 of 7

Client: Pima Environmental Services Project: State EF Com #1 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: Pima Environmental Address: City, State, Zip: Phone: Email: Pima Project # 26-10					Lab Use Only Lab WO# E 405253 Job Number 21064-0001 Analysis and Method DRO/RO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX						TAT 1D 2D 3D Standard X				EPA Program CWA SDWA RCRA		
																State NM CO UT AZ TX X						
																Remarks						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number																	
12:50	5/15	S	1	CS4 3'	11																	
12:58				CS4 4'	12																	
1:06				CS5 2'	13										X							
1:11				CS5 3'	14										X							
1:17				CS5 4'	15										X							
1:21				CS6 2'	16									X								
1:28				CS6 3'	17									X								
1:30				CS6 4'	18									X								
1:39				CS7 2'	19										X							
1:45				CS7 3'	20										X							
Additional Instructions: Bill to Pima																						
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.										Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.												
Relinquished by: (Signature) Karime Adame					Date 5-17-24		Time 1330		Received by: (Signature) [Signature]					Date 5-17-24		Time 1330		Lab Use Only Received on ice: (Y) N				
Relinquished by: (Signature) [Signature]					Date 5-17-24		Time 1730		Received by: (Signature) [Signature]					Date 5/20/24		Time 0930		T1 T2 T3				
Relinquished by: (Signature)					Date		Time		Received by: (Signature)					Date		Time		AVG Temp °C 4				
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA												
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																						

Envirotech Analytical Laboratory

Printed: 5/21/2024 1:51:26PM

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:	05/20/24 09:30	Work Order ID:	E405253
Phone:	(575) 631-6977	Date Logged In:	05/17/24 18:27	Logged In By:	Alexa Michaels
Email:	tom@pimaoil.com	Due Date:	05/27/24 17:00 (5 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

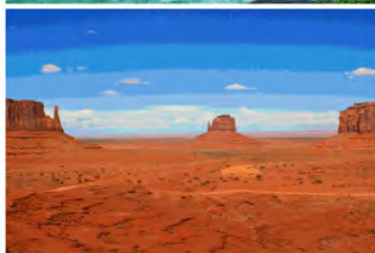
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Gio Gomez



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: State EF Com #1

Work Order: E405254

Job Number: 21064-0001

Received: 5/20/2024

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/30/24

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 5/30/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247



Project Name: State EF Com #1
Workorder: E405254
Date Received: 5/20/2024 9:30:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/20/2024 9:30:00AM, under the Project Name: State EF Com #1.

The analytical test results summarized in this report with the Project Name: State EF Com #1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	Reported: 05/30/24 16:37
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS7 4'	E405254-01A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS8 2'	E405254-02A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS8 3'	E405254-03A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS8 4'	E405254-04A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS9 2'	E405254-05A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS9 3'	E405254-06A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS9 4'	E405254-07A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS10 2'	E405254-08A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS10 3'	E405254-09A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS10 4'	E405254-10A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS11 2'	E405254-11A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS11 3'	E405254-12A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS11 4'	E405254-13A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS12 2'	E405254-14A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS12 3'	E405254-15A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS12 4'	E405254-16A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS13 2'	E405254-17A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS13 3'	E405254-18A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS13 4'	E405254-19A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS13 4'	E405254-20A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.



Sample Data

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

Project Name: State EF Com #1
Project Number: 21064-0001
Project Manager: Gio Gomez

Reported:
5/30/2024 4:37:04PM

CS7 4'

E405254-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421135	
Benzene	ND	0.0250	1	05/23/24	05/25/24	
Ethylbenzene	ND	0.0250	1	05/23/24	05/25/24	
Toluene	ND	0.0250	1	05/23/24	05/25/24	
o-Xylene	ND	0.0250	1	05/23/24	05/25/24	
p,m-Xylene	ND	0.0500	1	05/23/24	05/25/24	
Total Xylenes	ND	0.0250	1	05/23/24	05/25/24	
Surrogate: Bromofluorobenzene		102 %	70-130	05/23/24	05/25/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	05/23/24	05/25/24	
Surrogate: Toluene-d8		102 %	70-130	05/23/24	05/25/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421135	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/24	05/25/24	
Surrogate: Bromofluorobenzene		102 %	70-130	05/23/24	05/25/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	05/23/24	05/25/24	
Surrogate: Toluene-d8		102 %	70-130	05/23/24	05/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2422046	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/24	05/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/24	05/29/24	
Surrogate: n-Nonane		90.1 %	50-200	05/29/24	05/29/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2421171	
Chloride	390	20.0	1	05/24/24	05/25/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/30/2024 4:37:04PM

CS8 2'

E405254-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2421171
Chloride	552	20.0	1	05/24/24	05/25/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/30/2024 4:37:04PM

CS8 3'

E405254-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2421171
Chloride	740	20.0	1	05/24/24	05/25/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/30/2024 4:37:04PM

CS8 4'

E405254-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2421171
Chloride	406	20.0	1	05/24/24	05/25/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	Reported: 5/30/2024 4:37:04PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS9 2'

E405254-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421135	
Benzene	ND	0.0250	1	05/23/24	05/25/24	
Ethylbenzene	ND	0.0250	1	05/23/24	05/25/24	
Toluene	ND	0.0250	1	05/23/24	05/25/24	
o-Xylene	ND	0.0250	1	05/23/24	05/25/24	
p,m-Xylene	ND	0.0500	1	05/23/24	05/25/24	
Total Xylenes	ND	0.0250	1	05/23/24	05/25/24	
Surrogate: Bromofluorobenzene		104 %	70-130	05/23/24	05/25/24	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130	05/23/24	05/25/24	
Surrogate: Toluene-d8		102 %	70-130	05/23/24	05/25/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421135	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/24	05/25/24	
Surrogate: Bromofluorobenzene		104 %	70-130	05/23/24	05/25/24	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130	05/23/24	05/25/24	
Surrogate: Toluene-d8		102 %	70-130	05/23/24	05/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2422046	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/24	05/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/24	05/29/24	
Surrogate: n-Nonane		96.2 %	50-200	05/29/24	05/29/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2421171	
Chloride	328	20.0	1	05/24/24	05/25/24	



Sample Data

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

Project Name: State EF Com #1
Project Number: 21064-0001
Project Manager: Gio Gomez

Reported:
5/30/2024 4:37:04PM

CS9 3'

E405254-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: EG		Batch: 2421135
Benzene	ND	0.0250	1	05/23/24	05/25/24	
Ethylbenzene	ND	0.0250	1	05/23/24	05/25/24	
Toluene	ND	0.0250	1	05/23/24	05/25/24	
o-Xylene	ND	0.0250	1	05/23/24	05/25/24	
p,m-Xylene	ND	0.0500	1	05/23/24	05/25/24	
Total Xylenes	ND	0.0250	1	05/23/24	05/25/24	
Surrogate: Bromofluorobenzene		105 %	70-130	05/23/24	05/25/24	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	05/23/24	05/25/24	
Surrogate: Toluene-d8		102 %	70-130	05/23/24	05/25/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: EG		Batch: 2421135
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/24	05/25/24	
Surrogate: Bromofluorobenzene		105 %	70-130	05/23/24	05/25/24	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	05/23/24	05/25/24	
Surrogate: Toluene-d8		102 %	70-130	05/23/24	05/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2422046
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/24	05/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/24	05/29/24	
Surrogate: n-Nonane		92.4 %	50-200	05/29/24	05/29/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421171
Chloride	543	20.0	1	05/24/24	05/25/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	Reported: 5/30/2024 4:37:04PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS9 4'

E405254-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421135	
Benzene	ND	0.0250	1	05/23/24	05/25/24	
Ethylbenzene	ND	0.0250	1	05/23/24	05/25/24	
Toluene	ND	0.0250	1	05/23/24	05/25/24	
o-Xylene	ND	0.0250	1	05/23/24	05/25/24	
p,m-Xylene	ND	0.0500	1	05/23/24	05/25/24	
Total Xylenes	ND	0.0250	1	05/23/24	05/25/24	
Surrogate: Bromofluorobenzene	104 %	70-130		05/23/24	05/25/24	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		05/23/24	05/25/24	
Surrogate: Toluene-d8	101 %	70-130		05/23/24	05/25/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421135	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/24	05/25/24	
Surrogate: Bromofluorobenzene	104 %	70-130		05/23/24	05/25/24	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		05/23/24	05/25/24	
Surrogate: Toluene-d8	101 %	70-130		05/23/24	05/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2422046	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/24	05/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/24	05/29/24	
Surrogate: n-Nonane	94.1 %	50-200		05/29/24	05/29/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2421171	
Chloride	453	20.0	1	05/24/24	05/25/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/30/2024 4:37:04PM

CS10 2'

E405254-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2421171
Chloride	283	20.0	1	05/24/24	05/25/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/30/2024 4:37:04PM

CS10 3'

E405254-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2421171
Chloride	453	20.0	1	05/24/24	05/25/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/30/2024 4:37:04PM

CS10 4'

E405254-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2421171
Chloride	559	20.0	1	05/24/24	05/25/24	



Sample Data

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

Project Name: State EF Com #1
Project Number: 21064-0001
Project Manager: Gio Gomez

Reported:
5/30/2024 4:37:04PM

CS11 2'

E405254-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: EG		Batch: 2421135
Benzene	ND	0.0250	1	05/23/24	05/25/24	
Ethylbenzene	ND	0.0250	1	05/23/24	05/25/24	
Toluene	ND	0.0250	1	05/23/24	05/25/24	
o-Xylene	ND	0.0250	1	05/23/24	05/25/24	
p,m-Xylene	ND	0.0500	1	05/23/24	05/25/24	
Total Xylenes	ND	0.0250	1	05/23/24	05/25/24	
Surrogate: Bromofluorobenzene		105 %	70-130	05/23/24	05/25/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	05/23/24	05/25/24	
Surrogate: Toluene-d8		101 %	70-130	05/23/24	05/25/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: EG		Batch: 2421135
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/24	05/25/24	
Surrogate: Bromofluorobenzene		105 %	70-130	05/23/24	05/25/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	05/23/24	05/25/24	
Surrogate: Toluene-d8		101 %	70-130	05/23/24	05/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2422046
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/24	05/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/24	05/29/24	
Surrogate: n-Nonane		96.9 %	50-200	05/29/24	05/29/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421171
Chloride	394	20.0	1	05/24/24	05/25/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	Reported: 5/30/2024 4:37:04PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS11 3'

E405254-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421135	
Benzene	ND	0.0250	1	05/23/24	05/25/24	
Ethylbenzene	ND	0.0250	1	05/23/24	05/25/24	
Toluene	ND	0.0250	1	05/23/24	05/25/24	
o-Xylene	ND	0.0250	1	05/23/24	05/25/24	
p,m-Xylene	ND	0.0500	1	05/23/24	05/25/24	
Total Xylenes	ND	0.0250	1	05/23/24	05/25/24	
Surrogate: Bromofluorobenzene	102 %	70-130		05/23/24	05/25/24	
Surrogate: 1,2-Dichloroethane-d4	97.8 %	70-130		05/23/24	05/25/24	
Surrogate: Toluene-d8	102 %	70-130		05/23/24	05/25/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421135	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/24	05/25/24	
Surrogate: Bromofluorobenzene	102 %	70-130		05/23/24	05/25/24	
Surrogate: 1,2-Dichloroethane-d4	97.8 %	70-130		05/23/24	05/25/24	
Surrogate: Toluene-d8	102 %	70-130		05/23/24	05/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2422046	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/24	05/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/24	05/29/24	
Surrogate: n-Nonane	92.5 %	50-200		05/29/24	05/29/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2421171	
Chloride	491	20.0	1	05/24/24	05/25/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	Reported: 5/30/2024 4:37:04PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS11 4'
E405254-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421135	
Benzene	ND	0.0250	1	05/23/24	05/25/24	
Ethylbenzene	ND	0.0250	1	05/23/24	05/25/24	
Toluene	ND	0.0250	1	05/23/24	05/25/24	
o-Xylene	ND	0.0250	1	05/23/24	05/25/24	
p,m-Xylene	ND	0.0500	1	05/23/24	05/25/24	
Total Xylenes	ND	0.0250	1	05/23/24	05/25/24	
Surrogate: Bromofluorobenzene		103 %	70-130	05/23/24	05/25/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	05/23/24	05/25/24	
Surrogate: Toluene-d8		101 %	70-130	05/23/24	05/25/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421135	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/24	05/25/24	
Surrogate: Bromofluorobenzene		103 %	70-130	05/23/24	05/25/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	05/23/24	05/25/24	
Surrogate: Toluene-d8		101 %	70-130	05/23/24	05/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2422046	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/24	05/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/24	05/29/24	
Surrogate: n-Nonane		91.3 %	50-200	05/29/24	05/29/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2421171	
Chloride	553	20.0	1	05/24/24	05/25/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/30/2024 4:37:04PM

CS12 2'

E405254-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2421171
Chloride	457	20.0	1	05/24/24	05/25/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/30/2024 4:37:04PM

CS12 3'

E405254-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2421171
Chloride	445	20.0	1	05/24/24	05/25/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/30/2024 4:37:04PM

CS12 4'

E405254-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2421171
Chloride	404	20.0	1	05/24/24	05/25/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	Reported: 5/30/2024 4:37:04PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS13 2'

E405254-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421135	
Benzene	ND	0.0250	1	05/23/24	05/25/24	
Ethylbenzene	ND	0.0250	1	05/23/24	05/25/24	
Toluene	ND	0.0250	1	05/23/24	05/25/24	
o-Xylene	ND	0.0250	1	05/23/24	05/25/24	
p,m-Xylene	ND	0.0500	1	05/23/24	05/25/24	
Total Xylenes	ND	0.0250	1	05/23/24	05/25/24	
Surrogate: Bromofluorobenzene		103 %	70-130	05/23/24	05/25/24	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130	05/23/24	05/25/24	
Surrogate: Toluene-d8		101 %	70-130	05/23/24	05/25/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421135	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/24	05/25/24	
Surrogate: Bromofluorobenzene		103 %	70-130	05/23/24	05/25/24	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130	05/23/24	05/25/24	
Surrogate: Toluene-d8		101 %	70-130	05/23/24	05/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2422046	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/24	05/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/24	05/29/24	
Surrogate: n-Nonane		92.9 %	50-200	05/29/24	05/29/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2421171	
Chloride	518	20.0	1	05/24/24	05/25/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	Reported: 5/30/2024 4:37:04PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS13 3'

E405254-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: EG		Batch: 2421135	
Benzene	ND	0.0250	1	05/23/24	05/25/24	
Ethylbenzene	ND	0.0250	1	05/23/24	05/25/24	
Toluene	ND	0.0250	1	05/23/24	05/25/24	
o-Xylene	ND	0.0250	1	05/23/24	05/25/24	
p,m-Xylene	ND	0.0500	1	05/23/24	05/25/24	
Total Xylenes	ND	0.0250	1	05/23/24	05/25/24	
Surrogate: Bromofluorobenzene		104 %	70-130	05/23/24	05/25/24	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130	05/23/24	05/25/24	
Surrogate: Toluene-d8		101 %	70-130	05/23/24	05/25/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG		Batch: 2421135	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/24	05/25/24	
Surrogate: Bromofluorobenzene		104 %	70-130	05/23/24	05/25/24	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130	05/23/24	05/25/24	
Surrogate: Toluene-d8		101 %	70-130	05/23/24	05/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2422046	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/24	05/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/24	05/29/24	
Surrogate: n-Nonane		93.0 %	50-200	05/29/24	05/29/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2421171	
Chloride	479	20.0	1	05/24/24	05/25/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	Reported: 5/30/2024 4:37:04PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS13 4'

E405254-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421135	
Benzene	ND	0.0250	1	05/23/24	05/25/24	
Ethylbenzene	ND	0.0250	1	05/23/24	05/25/24	
Toluene	ND	0.0250	1	05/23/24	05/25/24	
o-Xylene	ND	0.0250	1	05/23/24	05/25/24	
p,m-Xylene	ND	0.0500	1	05/23/24	05/25/24	
Total Xylenes	ND	0.0250	1	05/23/24	05/25/24	
Surrogate: Bromofluorobenzene	103 %	70-130		05/23/24	05/25/24	
Surrogate: 1,2-Dichloroethane-d4	99.4 %	70-130		05/23/24	05/25/24	
Surrogate: Toluene-d8	102 %	70-130		05/23/24	05/25/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421135	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/24	05/25/24	
Surrogate: Bromofluorobenzene	103 %	70-130		05/23/24	05/25/24	
Surrogate: 1,2-Dichloroethane-d4	99.4 %	70-130		05/23/24	05/25/24	
Surrogate: Toluene-d8	102 %	70-130		05/23/24	05/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2422046	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/24	05/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/24	05/29/24	
Surrogate: n-Nonane	93.1 %	50-200		05/29/24	05/29/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2421171	
Chloride	462	20.0	1	05/24/24	05/25/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/30/2024 4:37:04PM

CS13 4'

E405254-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2421171
Chloride	467	20.0	1	05/24/24	05/25/24	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	Reported: 5/30/2024 4:37:04PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Volatile Organic Compounds by EPA 8260B

Analyst: EG

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2421135-BLK1) Prepared: 05/23/24 Analyzed: 05/24/24

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	0.520		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.477		0.500		95.4	70-130			
Surrogate: Toluene-d8	0.509		0.500		102	70-130			

LCS (2421135-BS1) Prepared: 05/23/24 Analyzed: 05/24/24

Benzene	2.40	0.0250	2.50		95.8	70-130			
Ethylbenzene	2.60	0.0250	2.50		104	70-130			
Toluene	2.46	0.0250	2.50		98.3	70-130			
o-Xylene	2.62	0.0250	2.50		105	70-130			
p,m-Xylene	5.25	0.0500	5.00		105	70-130			
Total Xylenes	7.86	0.0250	7.50		105	70-130			
Surrogate: Bromofluorobenzene	0.522		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.6	70-130			
Surrogate: Toluene-d8	0.512		0.500		102	70-130			

LCS Dup (2421135-BSD1) Prepared: 05/23/24 Analyzed: 05/24/24

Benzene	2.50	0.0250	2.50		100	70-130	4.23	23	
Ethylbenzene	2.77	0.0250	2.50		111	70-130	6.33	27	
Toluene	2.61	0.0250	2.50		104	70-130	5.91	24	
o-Xylene	2.86	0.0250	2.50		114	70-130	8.96	27	
p,m-Xylene	5.76	0.0500	5.00		115	70-130	9.37	27	
Total Xylenes	8.62	0.0250	7.50		115	70-130	9.24	27	
Surrogate: Bromofluorobenzene	0.529		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.474		0.500		94.7	70-130			
Surrogate: Toluene-d8	0.517		0.500		103	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	Reported: 5/30/2024 4:37:04PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: EG

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2421135-BLK1) Prepared: 05/23/24 Analyzed: 05/24/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.520		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.477		0.500		95.4	70-130			
Surrogate: Toluene-d8	0.509		0.500		102	70-130			

LCS (2421135-BS2) Prepared: 05/23/24 Analyzed: 05/24/24

Gasoline Range Organics (C6-C10)	46.2	20.0	50.0		92.4	70-130			
Surrogate: Bromofluorobenzene	0.539		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		97.0	70-130			
Surrogate: Toluene-d8	0.516		0.500		103	70-130			

LCS Dup (2421135-BSD2) Prepared: 05/23/24 Analyzed: 05/24/24

Gasoline Range Organics (C6-C10)	44.0	20.0	50.0		88.0	70-130	4.81	20	
Surrogate: Bromofluorobenzene	0.535		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.470		0.500		94.0	70-130			
Surrogate: Toluene-d8	0.522		0.500		104	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	Reported: 5/30/2024 4:37:04PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2422046-BLK1)					Prepared: 05/29/24 Analyzed: 05/29/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.2		50.0		92.4	50-200			

LCS (2422046-BS1)					Prepared: 05/29/24 Analyzed: 05/29/24				
Diesel Range Organics (C10-C28)	228	25.0	250		91.1	38-132			
Surrogate: n-Nonane	46.4		50.0		92.7	50-200			

LCS Dup (2422046-BSD1)					Prepared: 05/29/24 Analyzed: 05/29/24				
Diesel Range Organics (C10-C28)	224	25.0	250		89.6	38-132	1.58	20	
Surrogate: n-Nonane	45.5		50.0		91.1	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/30/2024 4:37:04PM

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 (2421171-BLK1)					Prepared: 05/24/24 Analyzed: 05/24/24				
Chloride	ND	20.0							
LCS (2421171-BS1)					Prepared: 05/24/24 Analyzed: 05/24/24				
Chloride	247	20.0	250		98.8	90-110			
LCS Dup (2421171-BSD1)					Prepared: 05/24/24 Analyzed: 05/24/24				
Chloride	249	20.0	250		99.5	90-110	0.768	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:	State EF Com #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	05/30/24 16:37

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



Project Information

Chain of Custody

Page 3 of 7

Client: Pima Environmental Services Project: State EF Com #1 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: Pima Environmental Address: City, State, Zip Phone: Email: Pima Project # 26-10					Lab Use Only Lab WO# E405254 Job Number 21964-0001					TAT 1D 2D 3D Standard X				EPA Program CWA SDWA				
										Analysis and Method										State NM CO UT AZ TX		RCRA	
										Remarks													
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX										
1:51	5/15	S		CS7 4'	1							X											
1:55				CS8 2'	2					X													
2:06				CS8 3'	3					X													
2:17				CS8 4'	4					X													
2:21				CS9 2'	5							X											
2:29				CS9 3'	6							X											
2:38				CS9 4'	7							X											
2:39				CS10 2'	8					X													
2:44				CS10 3'	9					X													
2:50				CS10 4'	10					X													
Additional Instructions: Bill to Pima																							
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																							
Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.																							
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Lab Use Only											
Kerime Adams		5-17-24		1330		CP		5-17-24		1330		Received on ice: (Y) N											
CP		5-17-24		1730		AS		5/20/24		0930		T1 T2 T3											
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		AVG Temp °C 4											
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																							
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																							
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																							

Project Information

Chain of Custody

Page 4 of 7

Client: Pima Environmental Services Project: State EF Com #1 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: Pima Environmental Address: City, State, Zip: Phone: Email: Pima Project # 26-10					Lab Use Only Lab WO# E 405254 Job Number 21024-0001 Analysis and Method DRO/ORO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOR NM BGDOR TX					TAT 1D 2D 3D Standard X				EPA Program CWA SDWA RCRA State NM CO UT AZ TX X	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOR NM	BGDOR TX	Remarks						
2:59	5/15	S		CS11 2'	11							X								
3:11				CS11 3'	12							X								
3:17				CS11 4'	13							X								
3:21				CS12 2'	14						X									
3:28				CS12 3'	15						X									
3:33				CS12 4'	16						X									
3:41				CS13 2'	17							X								
3:50				CS13 3'	18							X								
3:59				CS13 4'	19							X								
4:06				CS14 2'	20						X									
Additional Instructions: Bill to Pima 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: Relinquished by: (Signature) Karime Adams Date 5-17-24 Time 1330 Relinquished by: (Signature) CD Date 5-17-24 Time 1730 Relinquished by: (Signature) Received by: (Signature) CD Date 5-17-24 Time 1330 Relinquished by: (Signature) Received by: (Signature) AR Date 5/20/24 Time 0930 Relinquished by: (Signature) Received by: (Signature)																				
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA										
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																				

Envirotech Analytical Laboratory

Printed: 5/21/2024 1:51:36PM

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:	05/20/24 09:30	Work Order ID:	E405254
Phone:	(575) 631-6977	Date Logged In:	05/17/24 18:32	Logged In By:	Alexa Michaels
Email:	tom@pimaoil.com	Due Date:	05/27/24 17:00 (5 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/Resolution

State EF Com #1 has been separated into multiple WO do to high sample volume. WO are as follows: E405253-E405255.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

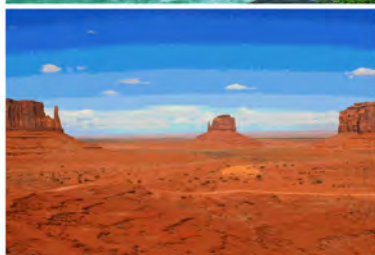
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Tom Bynum



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: State EF Com #1

Work Order: E405255

Job Number: 21064-0001

Received: 5/20/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/3/24

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 6/3/24

Tom Bynum
PO Box 247
Plains, TX 79355-0247



Project Name: State EF Com #1
Workorder: E405255
Date Received: 5/20/2024 9:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/20/2024 9:30:00AM, under the Project Name: State EF Com #1.

The analytical test results summarized in this report with the Project Name: State EF Com #1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	Reported: 06/03/24 15:08
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS14 3'	E405255-01A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS14 4'	E405255-02A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS15 2'	E405255-03A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS15 3'	E405255-04A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS15 4'	E405255-05A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS16 2'	E405255-06A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS16 3'	E405255-07A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS16 4'	E405255-08A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS17 2'	E405255-09A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS17 3'	E405255-10A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS17 4'	E405255-11A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS18 2'	E405255-12A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS18 3'	E405255-13A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS18 4'	E405255-14A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS39 1'	E405255-15A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS39 2'	E405255-16A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS39 3'	E405255-17A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS39 4'	E405255-18A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS40 1'	E405255-19A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS40 2'	E405255-20A	Soil	05/15/24	05/20/24	Glass Jar, 2 oz.
CS40 3'	E405255-21A	Soil	05/16/24	05/20/24	Glass Jar, 2 oz.
CS40 4'	E405255-22A	Soil	05/16/24	05/20/24	Glass Jar, 2 oz.
CSW5 1'	E405255-23A	Soil	05/16/24	05/20/24	Glass Jar, 2 oz.
CSW5 2'	E405255-24A	Soil	05/16/24	05/20/24	Glass Jar, 2 oz.
CSW5 3'	E405255-25A	Soil	05/16/24	05/20/24	Glass Jar, 2 oz.
CSW5 4'	E405255-26A	Soil	05/16/24	05/20/24	Glass Jar, 2 oz.



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/3/2024 3:08:59PM

CS14 3'

E405255-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2421173
Chloride	488	20.0	1	05/24/24	05/25/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/3/2024 3:08:59PM

CS14 4'

E405255-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2421173
Chloride	487	20.0	1	05/24/24	05/25/24	



Sample Data

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

Project Name: State EF Com #1
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
6/3/2024 3:08:59PM

CS15 2'

E405255-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: EG		Batch: 2421139
Benzene	ND	0.0250	1	05/24/24	05/25/24	
Ethylbenzene	ND	0.0250	1	05/24/24	05/25/24	
Toluene	ND	0.0250	1	05/24/24	05/25/24	
o-Xylene	ND	0.0250	1	05/24/24	05/25/24	
p,m-Xylene	ND	0.0500	1	05/24/24	05/25/24	
Total Xylenes	ND	0.0250	1	05/24/24	05/25/24	
Surrogate: Bromofluorobenzene		104 %	70-130	05/24/24	05/25/24	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130	05/24/24	05/25/24	
Surrogate: Toluene-d8		102 %	70-130	05/24/24	05/25/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: EG		Batch: 2421139
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/24/24	05/25/24	
Surrogate: Bromofluorobenzene		104 %	70-130	05/24/24	05/25/24	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130	05/24/24	05/25/24	
Surrogate: Toluene-d8		102 %	70-130	05/24/24	05/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2422010
Diesel Range Organics (C10-C28)	ND	25.0	1	05/28/24	05/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/28/24	05/30/24	
Surrogate: n-Nonane		99.2 %	50-200	05/28/24	05/30/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421173
Chloride	489	20.0	1	05/24/24	05/25/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	Reported: 6/3/2024 3:08:59PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CS15 3'

E405255-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421139	
Benzene	ND	0.0250	1	05/24/24	05/25/24	
Ethylbenzene	ND	0.0250	1	05/24/24	05/25/24	
Toluene	ND	0.0250	1	05/24/24	05/25/24	
o-Xylene	ND	0.0250	1	05/24/24	05/25/24	
p,m-Xylene	ND	0.0500	1	05/24/24	05/25/24	
Total Xylenes	ND	0.0250	1	05/24/24	05/25/24	
Surrogate: Bromofluorobenzene	102 %	70-130		05/24/24	05/25/24	
Surrogate: 1,2-Dichloroethane-d4	98.2 %	70-130		05/24/24	05/25/24	
Surrogate: Toluene-d8	101 %	70-130		05/24/24	05/25/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421139	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/24/24	05/25/24	
Surrogate: Bromofluorobenzene	102 %	70-130		05/24/24	05/25/24	
Surrogate: 1,2-Dichloroethane-d4	98.2 %	70-130		05/24/24	05/25/24	
Surrogate: Toluene-d8	101 %	70-130		05/24/24	05/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2422010	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/28/24	05/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/28/24	05/30/24	
Surrogate: n-Nonane	99.9 %	50-200		05/28/24	05/30/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2421173	
Chloride	411	20.0	1	05/24/24	05/25/24	



Sample Data

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

Project Name: State EF Com #1
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
6/3/2024 3:08:59PM

CS15 4'

E405255-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: EG		Batch: 2421139
Benzene	ND	0.0250	1	05/24/24	05/25/24	
Ethylbenzene	ND	0.0250	1	05/24/24	05/25/24	
Toluene	ND	0.0250	1	05/24/24	05/25/24	
o-Xylene	ND	0.0250	1	05/24/24	05/25/24	
p,m-Xylene	ND	0.0500	1	05/24/24	05/25/24	
Total Xylenes	ND	0.0250	1	05/24/24	05/25/24	
Surrogate: Bromofluorobenzene		104 %	70-130	05/24/24	05/25/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	05/24/24	05/25/24	
Surrogate: Toluene-d8		101 %	70-130	05/24/24	05/25/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: EG		Batch: 2421139
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/24/24	05/25/24	
Surrogate: Bromofluorobenzene		104 %	70-130	05/24/24	05/25/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	05/24/24	05/25/24	
Surrogate: Toluene-d8		101 %	70-130	05/24/24	05/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2422010
Diesel Range Organics (C10-C28)	ND	25.0	1	05/28/24	05/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/28/24	05/30/24	
Surrogate: n-Nonane		103 %	50-200	05/28/24	05/30/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421173
Chloride	491	20.0	1	05/24/24	05/25/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/3/2024 3:08:59PM

CS16 2'

E405255-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2421173
Chloride	417	20.0	1	05/24/24	05/25/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/3/2024 3:08:59PM

CS16 3'

E405255-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2421173
Chloride	364	20.0	1	05/24/24	05/25/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/3/2024 3:08:59PM

CS16 4'

E405255-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2421173
Chloride	521	20.0	1	05/24/24	05/25/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/3/2024 3:08:59PM

CS17 2'

E405255-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2421173
Chloride	ND	20.0	1	05/24/24	05/25/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/3/2024 3:08:59PM

CS17 3'

E405255-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2421173
Chloride	ND	20.0	1	05/24/24	05/26/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/3/2024 3:08:59PM

CS17 4'

E405255-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2421173
Chloride	ND	20.0	1	05/24/24	05/26/24	



Sample Data

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

Project Name: State EF Com #1
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
6/3/2024 3:08:59PM

CS18 2'

E405255-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: EG		Batch: 2421139
Benzene	ND	0.0250	1	05/24/24	05/25/24	
Ethylbenzene	ND	0.0250	1	05/24/24	05/25/24	
Toluene	ND	0.0250	1	05/24/24	05/25/24	
o-Xylene	ND	0.0250	1	05/24/24	05/25/24	
p,m-Xylene	ND	0.0500	1	05/24/24	05/25/24	
Total Xylenes	ND	0.0250	1	05/24/24	05/25/24	
Surrogate: Bromofluorobenzene		103 %	70-130	05/24/24	05/25/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	05/24/24	05/25/24	
Surrogate: Toluene-d8		100 %	70-130	05/24/24	05/25/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: EG		Batch: 2421139
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/24/24	05/25/24	
Surrogate: Bromofluorobenzene		103 %	70-130	05/24/24	05/25/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	05/24/24	05/25/24	
Surrogate: Toluene-d8		100 %	70-130	05/24/24	05/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2422010
Diesel Range Organics (C10-C28)	ND	25.0	1	05/28/24	05/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/28/24	05/30/24	
Surrogate: n-Nonane		96.4 %	50-200	05/28/24	05/30/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421173
Chloride	452	20.0	1	05/24/24	05/26/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	Reported: 6/3/2024 3:08:59PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CS18 3'

E405255-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421139	
Benzene	ND	0.0250	1	05/24/24	05/25/24	
Ethylbenzene	ND	0.0250	1	05/24/24	05/25/24	
Toluene	ND	0.0250	1	05/24/24	05/25/24	
o-Xylene	ND	0.0250	1	05/24/24	05/25/24	
p,m-Xylene	ND	0.0500	1	05/24/24	05/25/24	
Total Xylenes	ND	0.0250	1	05/24/24	05/25/24	
Surrogate: Bromofluorobenzene	102 %	70-130		05/24/24	05/25/24	
Surrogate: 1,2-Dichloroethane-d4	97.6 %	70-130		05/24/24	05/25/24	
Surrogate: Toluene-d8	102 %	70-130		05/24/24	05/25/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421139	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/24/24	05/25/24	
Surrogate: Bromofluorobenzene	102 %	70-130		05/24/24	05/25/24	
Surrogate: 1,2-Dichloroethane-d4	97.6 %	70-130		05/24/24	05/25/24	
Surrogate: Toluene-d8	102 %	70-130		05/24/24	05/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2422010	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/28/24	05/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/28/24	05/30/24	
Surrogate: n-Nonane	100 %	50-200		05/28/24	05/30/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2421173	
Chloride	471	20.0	1	05/24/24	05/26/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	Reported: 6/3/2024 3:08:59PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CS18 4'

E405255-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421139	
Benzene	ND	0.0250	1	05/24/24	05/25/24	
Ethylbenzene	ND	0.0250	1	05/24/24	05/25/24	
Toluene	ND	0.0250	1	05/24/24	05/25/24	
o-Xylene	ND	0.0250	1	05/24/24	05/25/24	
p,m-Xylene	ND	0.0500	1	05/24/24	05/25/24	
Total Xylenes	ND	0.0250	1	05/24/24	05/25/24	
Surrogate: Bromofluorobenzene	104 %	70-130		05/24/24	05/25/24	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		05/24/24	05/25/24	
Surrogate: Toluene-d8	102 %	70-130		05/24/24	05/25/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421139	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/24/24	05/25/24	
Surrogate: Bromofluorobenzene	104 %	70-130		05/24/24	05/25/24	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		05/24/24	05/25/24	
Surrogate: Toluene-d8	102 %	70-130		05/24/24	05/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2422010	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/28/24	05/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/28/24	05/30/24	
Surrogate: n-Nonane	101 %	50-200		05/28/24	05/30/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2421173	
Chloride	532	20.0	1	05/24/24	05/26/24	



Sample Data

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

Project Name: State EF Com #1
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
6/3/2024 3:08:59PM

CS39 1'

E405255-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421139	
Benzene	ND	0.0250	1	05/24/24	05/26/24	
Ethylbenzene	ND	0.0250	1	05/24/24	05/26/24	
Toluene	ND	0.0250	1	05/24/24	05/26/24	
o-Xylene	ND	0.0250	1	05/24/24	05/26/24	
p,m-Xylene	ND	0.0500	1	05/24/24	05/26/24	
Total Xylenes	ND	0.0250	1	05/24/24	05/26/24	
Surrogate: Bromofluorobenzene	103 %	70-130		05/24/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4	99.5 %	70-130		05/24/24	05/26/24	
Surrogate: Toluene-d8	100 %	70-130		05/24/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421139	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/24/24	05/26/24	
Surrogate: Bromofluorobenzene	103 %	70-130		05/24/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4	99.5 %	70-130		05/24/24	05/26/24	
Surrogate: Toluene-d8	100 %	70-130		05/24/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2422010	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/28/24	05/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/28/24	05/30/24	
Surrogate: n-Nonane	99.9 %	50-200		05/28/24	05/30/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2421173	
Chloride	ND	20.0	1	05/24/24	05/26/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/3/2024 3:08:59PM

CS39 2'

E405255-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421139	
Benzene	ND	0.0250	1	05/24/24	05/26/24	
Ethylbenzene	ND	0.0250	1	05/24/24	05/26/24	
Toluene	ND	0.0250	1	05/24/24	05/26/24	
o-Xylene	ND	0.0250	1	05/24/24	05/26/24	
p,m-Xylene	ND	0.0500	1	05/24/24	05/26/24	
Total Xylenes	ND	0.0250	1	05/24/24	05/26/24	
Surrogate: Bromofluorobenzene		103 %	70-130	05/24/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	05/24/24	05/26/24	
Surrogate: Toluene-d8		100 %	70-130	05/24/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421139	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/24/24	05/26/24	
Surrogate: Bromofluorobenzene		103 %	70-130	05/24/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	05/24/24	05/26/24	
Surrogate: Toluene-d8		100 %	70-130	05/24/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2422010	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/28/24	05/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/28/24	05/29/24	
Surrogate: n-Nonane		97.4 %	50-200	05/28/24	05/29/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2421173	
Chloride	ND	20.0	1	05/24/24	05/26/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	Reported: 6/3/2024 3:08:59PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CS39 3'

E405255-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421139	
Benzene	ND	0.0250	1	05/24/24	05/26/24	
Ethylbenzene	ND	0.0250	1	05/24/24	05/26/24	
Toluene	ND	0.0250	1	05/24/24	05/26/24	
o-Xylene	ND	0.0250	1	05/24/24	05/26/24	
p,m-Xylene	ND	0.0500	1	05/24/24	05/26/24	
Total Xylenes	ND	0.0250	1	05/24/24	05/26/24	
Surrogate: Bromofluorobenzene		104 %	70-130	05/24/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	05/24/24	05/26/24	
Surrogate: Toluene-d8		102 %	70-130	05/24/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421139	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/24/24	05/26/24	
Surrogate: Bromofluorobenzene		104 %	70-130	05/24/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	05/24/24	05/26/24	
Surrogate: Toluene-d8		102 %	70-130	05/24/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2422010	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/28/24	05/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/28/24	05/29/24	
Surrogate: n-Nonane		99.0 %	50-200	05/28/24	05/29/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2421173	
Chloride	ND	20.0	1	05/24/24	05/26/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	Reported: 6/3/2024 3:08:59PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CS39 4'

E405255-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421139	
Benzene	ND	0.0250	1	05/24/24	05/26/24	
Ethylbenzene	ND	0.0250	1	05/24/24	05/26/24	
Toluene	ND	0.0250	1	05/24/24	05/26/24	
o-Xylene	ND	0.0250	1	05/24/24	05/26/24	
p,m-Xylene	ND	0.0500	1	05/24/24	05/26/24	
Total Xylenes	ND	0.0250	1	05/24/24	05/26/24	
Surrogate: Bromofluorobenzene		103 %	70-130	05/24/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130	05/24/24	05/26/24	
Surrogate: Toluene-d8		102 %	70-130	05/24/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421139	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/24/24	05/26/24	
Surrogate: Bromofluorobenzene		103 %	70-130	05/24/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130	05/24/24	05/26/24	
Surrogate: Toluene-d8		102 %	70-130	05/24/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2422010	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/28/24	05/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/28/24	05/30/24	
Surrogate: n-Nonane		98.4 %	50-200	05/28/24	05/30/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2421173	
Chloride	450	20.0	1	05/24/24	05/26/24	



Sample Data

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

Project Name: State EF Com #1
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
6/3/2024 3:08:59PM

CS40 1'

E405255-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: EG		Batch: 2421139
Benzene	ND	0.0250	1	05/24/24	05/26/24	
Ethylbenzene	ND	0.0250	1	05/24/24	05/26/24	
Toluene	ND	0.0250	1	05/24/24	05/26/24	
o-Xylene	ND	0.0250	1	05/24/24	05/26/24	
p,m-Xylene	ND	0.0500	1	05/24/24	05/26/24	
Total Xylenes	ND	0.0250	1	05/24/24	05/26/24	
Surrogate: Bromofluorobenzene		101 %	70-130	05/24/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	05/24/24	05/26/24	
Surrogate: Toluene-d8		102 %	70-130	05/24/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: EG		Batch: 2421139
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/24/24	05/26/24	
Surrogate: Bromofluorobenzene		101 %	70-130	05/24/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	05/24/24	05/26/24	
Surrogate: Toluene-d8		102 %	70-130	05/24/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2422010
Diesel Range Organics (C10-C28)	ND	25.0	1	05/28/24	05/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/28/24	05/30/24	
Surrogate: n-Nonane		98.0 %	50-200	05/28/24	05/30/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421173
Chloride	426	20.0	1	05/24/24	05/26/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	Reported: 6/3/2024 3:08:59PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CS40 2'

E405255-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421139	
Benzene	ND	0.0250	1	05/24/24	05/26/24	
Ethylbenzene	ND	0.0250	1	05/24/24	05/26/24	
Toluene	ND	0.0250	1	05/24/24	05/26/24	
o-Xylene	ND	0.0250	1	05/24/24	05/26/24	
p,m-Xylene	ND	0.0500	1	05/24/24	05/26/24	
Total Xylenes	ND	0.0250	1	05/24/24	05/26/24	
Surrogate: Bromofluorobenzene		103 %	70-130	05/24/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	05/24/24	05/26/24	
Surrogate: Toluene-d8		100 %	70-130	05/24/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421139	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/24/24	05/26/24	
Surrogate: Bromofluorobenzene		103 %	70-130	05/24/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	05/24/24	05/26/24	
Surrogate: Toluene-d8		100 %	70-130	05/24/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2422010	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/28/24	05/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/28/24	05/30/24	
Surrogate: n-Nonane		103 %	50-200	05/28/24	05/30/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2421173	
Chloride	561	20.0	1	05/24/24	05/26/24	



Sample Data

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

Project Name: State EF Com #1
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
6/3/2024 3:08:59PM

CS40 3'

E405255-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: EG		Batch: 2421139
Benzene	ND	0.0250	1	05/24/24	05/26/24	
Ethylbenzene	ND	0.0250	1	05/24/24	05/26/24	
Toluene	ND	0.0250	1	05/24/24	05/26/24	
o-Xylene	ND	0.0250	1	05/24/24	05/26/24	
p,m-Xylene	ND	0.0500	1	05/24/24	05/26/24	
Total Xylenes	ND	0.0250	1	05/24/24	05/26/24	
Surrogate: Bromofluorobenzene		103 %	70-130	05/24/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	05/24/24	05/26/24	
Surrogate: Toluene-d8		103 %	70-130	05/24/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: EG		Batch: 2421139
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/24/24	05/26/24	
Surrogate: Bromofluorobenzene		103 %	70-130	05/24/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	05/24/24	05/26/24	
Surrogate: Toluene-d8		103 %	70-130	05/24/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2422111
Diesel Range Organics (C10-C28)	ND	25.0	1	05/31/24	06/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/31/24	06/01/24	
Surrogate: n-Nonane		110 %	50-200	05/31/24	06/01/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421167
Chloride	ND	20.0	1	05/24/24	05/24/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	Reported: 6/3/2024 3:08:59PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CS40 4'

E405255-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421139	
Benzene	ND	0.0250	1	05/24/24	05/26/24	
Ethylbenzene	ND	0.0250	1	05/24/24	05/26/24	
Toluene	ND	0.0250	1	05/24/24	05/26/24	
o-Xylene	ND	0.0250	1	05/24/24	05/26/24	
p,m-Xylene	ND	0.0500	1	05/24/24	05/26/24	
Total Xylenes	ND	0.0250	1	05/24/24	05/26/24	
Surrogate: Bromofluorobenzene	102 %	70-130		05/24/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4	99.0 %	70-130		05/24/24	05/26/24	
Surrogate: Toluene-d8	102 %	70-130		05/24/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421139	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/24/24	05/26/24	
Surrogate: Bromofluorobenzene	102 %	70-130		05/24/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4	99.0 %	70-130		05/24/24	05/26/24	
Surrogate: Toluene-d8	102 %	70-130		05/24/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2422010	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/28/24	05/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/28/24	05/30/24	
Surrogate: n-Nonane	101 %	50-200		05/28/24	05/30/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2421167	
Chloride	ND	20.0	1	05/24/24	05/24/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	Reported: 6/3/2024 3:08:59PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CSW5 1'

E405255-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421139	
Benzene	ND	0.0250	1	05/24/24	05/26/24	
Ethylbenzene	ND	0.0250	1	05/24/24	05/26/24	
Toluene	ND	0.0250	1	05/24/24	05/26/24	
o-Xylene	ND	0.0250	1	05/24/24	05/26/24	
p,m-Xylene	ND	0.0500	1	05/24/24	05/26/24	
Total Xylenes	ND	0.0250	1	05/24/24	05/26/24	
Surrogate: Bromofluorobenzene		103 %	70-130	05/24/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	05/24/24	05/26/24	
Surrogate: Toluene-d8		102 %	70-130	05/24/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421139	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/24/24	05/26/24	
Surrogate: Bromofluorobenzene		103 %	70-130	05/24/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	05/24/24	05/26/24	
Surrogate: Toluene-d8		102 %	70-130	05/24/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2422010	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/28/24	05/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/28/24	05/29/24	
Surrogate: n-Nonane		95.2 %	50-200	05/28/24	05/29/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2421167	
Chloride	ND	20.0	1	05/24/24	05/24/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	Reported: 6/3/2024 3:08:59PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CSW5 2'

E405255-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421139	
Benzene	ND	0.0250	1	05/24/24	05/26/24	
Ethylbenzene	ND	0.0250	1	05/24/24	05/26/24	
Toluene	ND	0.0250	1	05/24/24	05/26/24	
o-Xylene	ND	0.0250	1	05/24/24	05/26/24	
p,m-Xylene	ND	0.0500	1	05/24/24	05/26/24	
Total Xylenes	ND	0.0250	1	05/24/24	05/26/24	
Surrogate: Bromofluorobenzene		103 %	70-130	05/24/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	05/24/24	05/26/24	
Surrogate: Toluene-d8		101 %	70-130	05/24/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421139	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/24/24	05/26/24	
Surrogate: Bromofluorobenzene		103 %	70-130	05/24/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	05/24/24	05/26/24	
Surrogate: Toluene-d8		101 %	70-130	05/24/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2422010	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/28/24	05/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/28/24	05/30/24	
Surrogate: n-Nonane		99.9 %	50-200	05/28/24	05/30/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2421167	
Chloride	536	20.0	1	05/24/24	05/24/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	Reported: 6/3/2024 3:08:59PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CSW5 3'

E405255-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421139	
Benzene	ND	0.0250	1	05/24/24	05/26/24	
Ethylbenzene	ND	0.0250	1	05/24/24	05/26/24	
Toluene	ND	0.0250	1	05/24/24	05/26/24	
o-Xylene	ND	0.0250	1	05/24/24	05/26/24	
p,m-Xylene	ND	0.0500	1	05/24/24	05/26/24	
Total Xylenes	ND	0.0250	1	05/24/24	05/26/24	
Surrogate: Bromofluorobenzene	99.1 %	70-130		05/24/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		05/24/24	05/26/24	
Surrogate: Toluene-d8	101 %	70-130		05/24/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421139	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/24/24	05/26/24	
Surrogate: Bromofluorobenzene	99.1 %	70-130		05/24/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		05/24/24	05/26/24	
Surrogate: Toluene-d8	101 %	70-130		05/24/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2422010	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/28/24	05/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/28/24	05/29/24	
Surrogate: n-Nonane	92.3 %	50-200		05/28/24	05/29/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2421167	
Chloride	372	20.0	1	05/24/24	05/24/24	



Sample Data

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

Project Name: State EF Com #1
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
6/3/2024 3:08:59PM

CSW5 4'

E405255-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: EG		Batch: 2421139
Benzene	ND	0.0250	1	05/24/24	05/26/24	
Ethylbenzene	ND	0.0250	1	05/24/24	05/26/24	
Toluene	ND	0.0250	1	05/24/24	05/26/24	
o-Xylene	ND	0.0250	1	05/24/24	05/26/24	
p,m-Xylene	ND	0.0500	1	05/24/24	05/26/24	
Total Xylenes	ND	0.0250	1	05/24/24	05/26/24	
Surrogate: Bromofluorobenzene		104 %	70-130	05/24/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	05/24/24	05/26/24	
Surrogate: Toluene-d8		101 %	70-130	05/24/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: EG		Batch: 2421139
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/24/24	05/26/24	
Surrogate: Bromofluorobenzene		104 %	70-130	05/24/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	05/24/24	05/26/24	
Surrogate: Toluene-d8		101 %	70-130	05/24/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2422010
Diesel Range Organics (C10-C28)	ND	25.0	1	05/28/24	05/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/28/24	05/29/24	
Surrogate: n-Nonane		94.8 %	50-200	05/28/24	05/29/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421167
Chloride	378	20.0	1	05/24/24	05/24/24	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	Reported: 6/3/2024 3:08:59PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Volatile Organic Compounds by EPA 8260B

Analyst: EG

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2421139-BLK1) Prepared: 05/24/24 Analyzed: 05/25/24

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	0.518		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.7	70-130			
Surrogate: Toluene-d8	0.507		0.500		101	70-130			

LCS (2421139-BS1) Prepared: 05/24/24 Analyzed: 05/25/24

Benzene	2.65	0.0250	2.50		106	70-130			
Ethylbenzene	2.75	0.0250	2.50		110	70-130			
Toluene	2.63	0.0250	2.50		105	70-130			
o-Xylene	2.80	0.0250	2.50		112	70-130			
p,m-Xylene	5.62	0.0500	5.00		112	70-130			
Total Xylenes	8.42	0.0250	7.50		112	70-130			
Surrogate: Bromofluorobenzene	0.516		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.474		0.500		94.7	70-130			
Surrogate: Toluene-d8	0.511		0.500		102	70-130			

LCS Dup (2421139-BSD1) Prepared: 05/24/24 Analyzed: 05/25/24

Benzene	2.63	0.0250	2.50		105	70-130	0.530	23	
Ethylbenzene	2.76	0.0250	2.50		110	70-130	0.254	27	
Toluene	2.63	0.0250	2.50		105	70-130	0.0761	24	
o-Xylene	2.81	0.0250	2.50		112	70-130	0.232	27	
p,m-Xylene	5.67	0.0500	5.00		113	70-130	0.877	27	
Total Xylenes	8.48	0.0250	7.50		113	70-130	0.663	27	
Surrogate: Bromofluorobenzene	0.513		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.3	70-130			
Surrogate: Toluene-d8	0.520		0.500		104	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	Reported: 6/3/2024 3:08:59PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: EG

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2421139-BLK1) Prepared: 05/24/24 Analyzed: 05/25/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.518		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.7	70-130			
Surrogate: Toluene-d8	0.507		0.500		101	70-130			

LCS (2421139-BS2) Prepared: 05/24/24 Analyzed: 05/25/24

Gasoline Range Organics (C6-C10)	41.4	20.0	50.0		82.8	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	0.510		0.500		102	70-130			

LCS Dup (2421139-BSD2) Prepared: 05/24/24 Analyzed: 05/25/24

Gasoline Range Organics (C6-C10)	46.9	20.0	50.0		93.8	70-130	12.5	20	
Surrogate: Bromofluorobenzene	0.540		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		97.9	70-130			
Surrogate: Toluene-d8	0.525		0.500		105	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	Reported: 6/3/2024 3:08:59PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2422010-BLK1) Prepared: 05/28/24 Analyzed: 05/29/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.1		50.0		106	50-200			

LCS (2422010-BS1) Prepared: 05/28/24 Analyzed: 05/29/24

Diesel Range Organics (C10-C28)	239	25.0	250		95.6	38-132			
Surrogate: n-Nonane	47.6		50.0		95.2	50-200			

LCS Dup (2422010-BSD1) Prepared: 05/28/24 Analyzed: 05/29/24

Diesel Range Organics (C10-C28)	245	25.0	250		98.0	38-132	2.44	20	
Surrogate: n-Nonane	48.5		50.0		96.9	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/3/2024 3:08:59PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2422111-BLK1)					Prepared: 05/31/24 Analyzed: 05/31/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.4		50.0		103	50-200			

LCS (2422111-BS1)					Prepared: 05/31/24 Analyzed: 05/31/24				
Diesel Range Organics (C10-C28)	273	25.0	250		109	38-132			
Surrogate: n-Nonane	54.9		50.0		110	50-200			

LCS Dup (2422111-BSD1)					Prepared: 05/31/24 Analyzed: 06/01/24				
Diesel Range Organics (C10-C28)	261	25.0	250		104	38-132	4.73	20	
Surrogate: n-Nonane	54.9		50.0		110	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/3/2024 3:08:59PM

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 (2421167-BLK1)					Prepared: 05/24/24 Analyzed: 05/24/24				
Chloride	ND	20.0							
LCS (2421167-BS1)					Prepared: 05/24/24 Analyzed: 05/24/24				
Chloride	250	20.0	250		99.9	90-110			
LCS Dup (2421167-BSD1)					Prepared: 05/24/24 Analyzed: 05/24/24				
Chloride	250	20.0	250		100	90-110	0.117	20	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	State EF Com #1	Reported: 6/3/2024 3:08:59PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2421173-BLK1)					Prepared: 05/24/24 Analyzed: 05/25/24				
Chloride	ND	20.0							
LCS (2421173-BS1)					Prepared: 05/24/24 Analyzed: 05/25/24				
Chloride	249	20.0	250		99.7	90-110			
LCS Dup (2421173-BSD1)					Prepared: 05/24/24 Analyzed: 05/25/24				
Chloride	250	20.0	250		99.9	90-110	0.242	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:	State EF Com #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	06/03/24 15:08

- 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.



Project Information

Chain of Custody

Page 5 of 7

Client: Pima Environmental Services					Bill To					Lab Use Only					TAT					EPA Program							
Project: State EF Com #1					Attention: Pima Environmental					Lab WO# E405255					Job Number 21064-0001					1D 2D 3D Standard					CWA SDWA		
Project Manager: Gio Gomez					Address:					Analysis and Method					BGDOC NM BGDOC TX					State NM CO UT AZ TX					RCRA		
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 # 26-10																						
Report due by:																											
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks													
4:11	5/15	S	1	CS14 3'	1						X																
4:19				CS14 4'	2						X																
4:23				CS15 2'	3							X															
4:31				CS15 3'	4							X															
4:37				CS15 4'	5							X															
4:42				CS16 2'	6						X																
4:48				CS16 3'	7						X																
4:50				CS16 4'	8						X																
4:51				CS17 2'	9						X																
5:16				CS17 3'	10						X																
Additional Instructions: Bill to Pima																											
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.															Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.												
Relinquished by: (Signature) Karime Adame					Date 5/17/24 Time 1330					Received by: (Signature) [Signature]					Date 5/17/24 Time 1330					Lab Use Only							
Relinquished by: (Signature) [Signature]					Date 5/17/24 Time 1730					Received by: (Signature) [Signature]					Date 5/20/24 Time 0930					Received on ice: Y / N							
Relinquished by: (Signature)					Date					Received by: (Signature)					Date					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.																											

Page 6 of 7

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.





Envirotech Analytical Laboratory

Printed: 5/21/2024 1:51:56PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	05/20/24 09:30	Work Order ID:	E405255
Phone:	(575) 631-6977	Date Logged In:	05/17/24 18:36	Logged In By:	Alexa Michaels
Email:	tom@pimaoil.com	Due Date:	05/27/24 17:00 (5 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/Resolution

State EF Com #1 has been separated into multiple WO do to high sample volume. WO are as follows: E405253-E405255.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

June 12, 2024

GIO GOMEZ

PIMA ENVIROMENTAL

1601 N TURNER STE. 500

HOBBS, NM 88240

RE: STATE EF COM #1

Enclosed are the results of analyses for samples received by the laboratory on 06/11/24 13:18.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
GIO GOMEZ
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 06/11/2024
Reported: 06/12/2024
Project Name: STATE EF COM #1
Project Number: 26-10
Project Location: NONE GIVEN

Sampling Date: 06/10/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: CS 5 - 5' (H243346-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/11/2024	ND	1.91	95.6	2.00	3.36	
Toluene*	<0.050	0.050	06/11/2024	ND	1.93	96.6	2.00	3.37	
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	1.83	91.4	2.00	3.53	
Total Xylenes*	<0.150	0.150	06/11/2024	ND	5.67	94.6	6.00	3.66	
Total BTX	<0.300	0.300	06/11/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/12/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	203	102	200	3.03	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	204	102	200	5.71	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PIMA ENVIROMENTAL
GIO GOMEZ
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 06/11/2024
Reported: 06/12/2024
Project Name: STATE EF COM #1
Project Number: 26-10
Project Location: NONE GIVEN

Sampling Date: 06/10/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: CS 8 - 5' (H243346-02)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/11/2024	ND	1.91	95.6	2.00	3.36	
Toluene*	<0.050	0.050	06/11/2024	ND	1.93	96.6	2.00	3.37	
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	1.83	91.4	2.00	3.53	
Total Xylenes*	<0.150	0.150	06/11/2024	ND	5.67	94.6	6.00	3.66	
Total BTEx	<0.300	0.300	06/11/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/12/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	203	102	200	3.03	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	204	102	200	5.71	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 82.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: Pima Environmental Services				BILL TO		ANALYSIS REQUEST																					
Project Manager: Gio Gomez				P.O. #:																							
Address: 5614 N. Lovington Hwy				Company: Raybaw																							
City: Hobbs State: NM Zip: 88240				Attn:																							
Phone #: 575-964-7740 Fax #:				Address:																							
Project #: 26-10 Project Owner: Raybaw				City:																							
Project Name: State EF Com #1				State: Zip:																							
Project Location:				Phone #:																							
Sampler Name:				Fax #:																							
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING																			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME													
H243346	CS5-5'	I				X					X		6/10	8:45	X	X	X										
2	CS8-5'	I											+	8:56	+	+	+										

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Relinquished By:	Date:	Received By:	Phone Result:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Add'l Phone #:
Karine Adams	6-11-24	S. Rodriguez	Fax Result:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:			
			K.A. Rush 24hrs			
			6/11/24 Bill to Pima			
Delivered By: (Circle One)		Sample Condition	CHECKED BY:			
Sampler - UPS - Bus - Other:		Cool Intact	(Initials)			
		<input type="checkbox"/> Yes <input type="checkbox"/> No	S.R.			

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

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Santa Fe, NM 87505

QUESTIONS

Action 357232

QUESTIONS

Operator: RAYBAW Operating, LLC 2626 Cole Avenue Dallas, TX 75204	OGRID:	330220
	Action Number:	357232
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2323540131
Incident Name	NAPP2323540131 STATE EF COM #001 @ 30-025-01821
Incident Type	Release Other
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-01821] STATE EF COM #001

Location of Release Source	
Please answer all the questions in this group.	
Site Name	STATE EF COM #001
Date Release Discovered	08/02/2023
Surface Owner	State

Incident Details	
Please answer all the questions in this group.	
Incident Type	Release Other
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: Other Valve Crude Oil Released: 5 BBL Recovered: 0 BBL Lost: 5 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	This was a small release discovered during a recent inspection that has most likely been there for a long time. It was not caught by previous inspections, but not sure why. We have no way of knowing date of release or volume of oil or water, but believe it was from a valve leak (best guess).

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QUESTIONS, Page 2

Action 357232

QUESTIONS (continued)

Operator: RAYBAW Operating, LLC 2626 Cole Avenue Dallas, TX 75204	OGRID:	330220
	Action Number:	357232
	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)	More info needed to determine if this will be treated as 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	<i>Unavailable.</i>
<i>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.</i>	

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	<i>Not answered.</i>

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: Michael Lee Title: COO Email: michael@raybawoperating.com Date: 02/07/2024
--	---

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QUESTIONS, Page 3

Action 357232

QUESTIONS (continued)

Operator: RAYBAW Operating, LLC 2626 Cole Avenue Dallas, TX 75204	OGRID:	330220
	Action Number:	357232
	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 75 and 100 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between ½ and 1 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

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)	2360
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	194.3
GRO+DRO	(EPA SW-846 Method 8015M)	102
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	02/05/2024
On what date will (or did) the final sampling or liner inspection occur	02/09/2024
On what date will (or was) the remediation complete(d)	02/16/2024
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	15000
What is the estimated volume (in cubic yards) that will be remediated	556

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 357232

QUESTIONS (continued)

Operator: RAYBAW Operating, LLC 2626 Cole Avenue Dallas, TX 75204	OGRID:	330220
	Action Number:	357232
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	GANDY MARLEY LANDFARM/LANDFILL [FEEM0112338393]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Michael Lee Title: COO Email: michael@raybawoperating.com Date: 02/07/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 357232

QUESTIONS (continued)

Operator: RAYBAW Operating, LLC 2626 Cole Avenue Dallas, TX 75204	OGRID:
	330220
	Action Number:
	357232
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

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

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QUESTIONS, Page 6

Action 357232

QUESTIONS (continued)

Operator: RAYBAW Operating, LLC 2626 Cole Avenue Dallas, TX 75204	OGRID:	330220
	Action Number:	357232
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	343486
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/15/2024
What was the (estimated) number of samples that were to be gathered	66
What was the sampling surface area in square feet	16000

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	14555
What was the total volume (cubic yards) remediated	539
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	14555
What was the total volume (in cubic yards) reclaimed	539
Summarize any additional remediation activities not included by answers (above)	No additional activities.

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: Michael Lee Title: COO Email: michael@raybawoperating.com Date: 06/25/2024
--	---

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District II
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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

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Action 357232

QUESTIONS (continued)

Operator: RAYBAW Operating, LLC 2626 Cole Avenue Dallas, TX 75204	OGRID: 330220
	Action Number: 357232
	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

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
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District III
1000 Rio Brazos Rd., Aztec, NM 87410
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CONDITIONS

Action 357232

CONDITIONS

Operator: RAYBAW Operating, LLC 2626 Cole Avenue Dallas, TX 75204	OGRID: 330220
	Action Number: 357232
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scwells	Remediation closure approved. Confirmation sampling notice was not submitted for 6/10/24 when CS5 and CS8 were recollected after excavation.	6/26/2024
scwells	Operator failed to provide proper Sampling Notification pursuant to 19.15.29.12.D.(1).(a) NMAC. Failure to provide proper sampling notice is a compliance issue and OCD may pursue compliance actions pursuant to 19.15.5 NMAC. Operator shall ensure future compliance with 19.15.29.12.D.(1).(a) NMAC	6/26/2024