



LAGUNA SALADO SOUTH #1

Incident ID nLLB0631140464

PREPARED BY:
PIMA ENVIRONMENTAL SERVICES, LLC

PREPARED FOR:
DEVON ENERGY PRODUCTION CO, LP

Remediation Closure Report

October 25, 2024

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

Re: Remediation Closure Report
Laguna Salado South #001
API # 30-015-26407
NMOCD Incident ID nLLB0631140464
ULSTR - F - 22 - 23S - 29E 2030 FNL 1980 FWL Eddy County, NM
GPS Coordinates: Latitude 32.2922554 Longitude -103.9748001

This produced water release was discovered by the operator on March 10, 2006. The initial C-141 was submitted on March 20, 2006 (Appendix C). This incident was assigned Incident ID nLLB0631140464 by the New Mexico Oil Conservation Division (NMOCD).

Site Characterization

The Laguna Salado South #001 (Laguna) is located approximately seven (7) miles east of Loving, NM. The release area on the well pad is in Unit F, Section 22, Township 23S, Range 29E, Latitude 32.2922554 Longitude -103.9748001, Eddy County, NM. A Location Map can be found in Figure 1.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology in this area is made up of Lacustrine and playa-lake deposits; Includes associated alluvial and eolian deposits of major lake basins. The soil in this area is made up of Cottonwood-Reeves loams, overflow, 0 to 3 percent slopes, according to the United States Department of Agriculture Natural Resources Conservation Service soil survey. The drainage class in this area is: well drained (Appendix B). A Topographic Map can be found in Figure 2. The nearest surface water body is a salt pond located approximately 311 feet to the southwest of this site. There is a medium potential for karst geology to be present around the Laguna (Figure 3).

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is greater than 200 feet below grade surface (bgs). According to the United States Geological Survey well water data (USGS 321717103561001 23S.29E.24.41321), depth to the nearest groundwater in this area is 50 feet bgs. The groundwater information from C-02797 establishes a lack of groundwater at 200' bgs. The NMOSE attached conditions to this monitoring well that can be seen in Appendix A. Depth to groundwater at the Laguna will be classified as <50' bgs but due to the natural salt lakes and the salt mining in this area, the groundwater in this area can be classified as "not protectable." Referenced water surveys and water-related maps can be found in Appendix A.

This location is surrounded on three sides by New Mexico Salt and United Salt Lake Plant. Salt is mined throughout the year from these natural salt lakes. Complete horizontal and vertical delineation is not feasible in this area as naturally occurring salt properties are evident. The remediation goal for these releases is to remove TPH properties to protect the salt mining capabilities of the area. To verify these facts even further, a USGS Water Quality results page is included in Appendix A. This data shows 2 different samples taken from USGS water well 322037103580901 22S.29E.34.3423 WIPP-29 where the water here contained 49,000 mg/L on March 18, 1980, and then 140,000 mg/L on August 20, 1980. This well is located 3.48 miles north of the Laguna and is the nearest well with water quality data. Groundwater in and around these natural salt lakes is not useable and not protectable.

Release Information

nLLB0631140464: On March 10, 2006, Seal on SWD transfer pump ruptured, spilling 62 barrels (bbls) of produced water into dike. We recovered 50 bbls of produced water. Truck. Replaced seal on pump and discussed incident at safety meeting. Will continue to monitor seals at all transfer pumps. Isolated pump and called mechanic & vac. 25' X 100' area affected.

Countermeasures due to Remediation Closure denied

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

The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nLLB0631140464, for the following reasons:

- Remediation closure is denied. The OCD is requesting that 2 additional background samples be collected; one should be collected 60 yards north of the pad and one should be collected 60 yards east of the road which is located to the east of the pad. These should be collected in 1' increments, down to 4', and tested for all Table I constituents.
- OCD found more files and photos regarding incident NAB1506157520 which has been added to the Incident Files. This shows the location of NAB1506157520. Delineation samples will need to be collected in this area in 1' increments, to a depth of 4'.
- Based on the information provided on the initial C-141 for NLLB0631140464, OCD believes samples should be collected within the fenced area in the northeast section of pad where the separator is. On initial C-141, under Describe Area Affected it states: 25' x 100' area affected. Back in 2006 when the release occurred, this area was closer to those dimensions than the tank battery according to google earth imagery. Due to the age of the release, collect delineation samples in 1' increments, to a depth of 4'.
- If these samples may be used for closure then submit C-141N notices two business days prior to sample collection. A variance must be requested pursuant to 19.15.29.14 NMAC in order to use delineation samples for closure unless five-point composite samples are collected every 200 square feet. Resubmit report by 11/18/2024.

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 373559. 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.

On September 10, 2024, an email was sent by Pima to the NMOCD with documentation of research showing the area associated with nLLB0631140464 was inside the tank battery containment instead of the area surrounding the vessels on the north side of the pad.

On September 18, 2024, the NMOCD responded to the research submitted by Pima agreeing that the gravel should be removed from the lined, secondary containment and the liner be inspected. They also noted that if any portion of the area was not lined, or tears/holes were found in the liner, samples would need to be collected in 1' increments down to 4' underneath the liner.

On September 13, 2024, Pima personnel returned to the site to collect the requested additional background samples. Two (2) sample points were located 60 yards north of the pad and 60 yards east of the road as directed by the NMOCD comments above. Discrete samples were collected from these 2 points from depth intervals of surface, 1', 2', 3', and 4' bgs.

A total of ten (10) samples were put on ice, jarred, and delivered to Envirotech Analytical Laboratories for official analysis of all constituents listed in Table 1 19.15.29.12 NMAC. A 48-Hour Sampling Notification was submitted by Devon on September 11, 2024, and can be referenced in Appendix C (OCD Online: Permitting – Application ID 382774).

All sample results can be found in the Data Table in Figure 5. A corresponding Background Sample Map can be referenced in Figure 4. Complete laboratory reports can be found in Appendix E. Photographic Documentation and a Liner Inspection Form can be referenced in Appendix D.

On October 7, 2024, Pima and the Devon construction department mobilized personnel and equipment to the site to begin removing the gravel from the 25' x 100' area within the lined secondary containment. After the gravel was removed, two (2) holes/tears were found in the black poly liner. Sampling underneath the liner and a liner inspection would need to be completed.

On October 9, 2024, after a 48-hour notification had been issued for a liner inspection, and a second 48-hour notification had been issued for a sampling event, Pima personnel returned to the site to perform the liner inspection and collect samples from under the liner. It was found that the remainder of the liner was fully intact and maintained its integrity to contain the associated release. The two (2) holes in the liner were enlarged so that a hand auger could be used to collect samples from those points. From each point, discrete (grab) samples were collected from depths of surface, 1', 2', 3', and 4' bgs. A total of ten (10) samples were immediately put on ice, then jarred and delivered to Envirotech Analytical Laboratories for official analysis of all constituents listed in Table 1 19.15.29.12 NMAC. The sample results from this sampling event can be found in the Data Tables in Figure 6. A corresponding Liner Inspection Map can be referenced in Figure 6.

On October 15, 2024, Pima personnel returned to the site to patch the holes in the liner.

On October 23, 2024, the Devon construction department returned to the site to backfill the secondary containment with new gravel.

The Previously Rejected Closure Report can be referenced in Appendix F.

Closure Request

All samples showed TPH levels to be under the regulatory limits of the less than 50-foot depth to ground water section of Table 1 19.15.29.12 NMAC. The background samples collected show elevated chloride levels consistent with surrounding areas. Devon has complied with the applicable requirements set forth in 19.15.19.12 NMAC and requests that this remediation closure report for incident ID nLLB0631140464 be approved.

For questions or additional information, please feel free to contact:

Devon Energy Production – Jim Raley at 575-689-7597 or jim.raley@dyn.com.

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

Attachments

Figures:

- 1- Location Map
- 2- Topographic Map
- 3- Karst Map
- 4- Background Sample Map
- 5- Data Table
- 6- Liner Inspection Map

Appendices:

- Appendix A – Referenced Water Surveys & Water-Related Maps
- Appendix B – Soil Survey & Geological Data
- Appendix C – Initial C-141 Form, 48-Hour Notification, & NMOCD Correspondence
- Appendix D – Photographic Documentation & Liner Inspection Form
- Appendix E – Laboratory Reports
- Appendix F - Previously Rejected Closure Report

Figures:

Location Map

Topographic Map

Karst Map

Background Sample Map

Data Tables

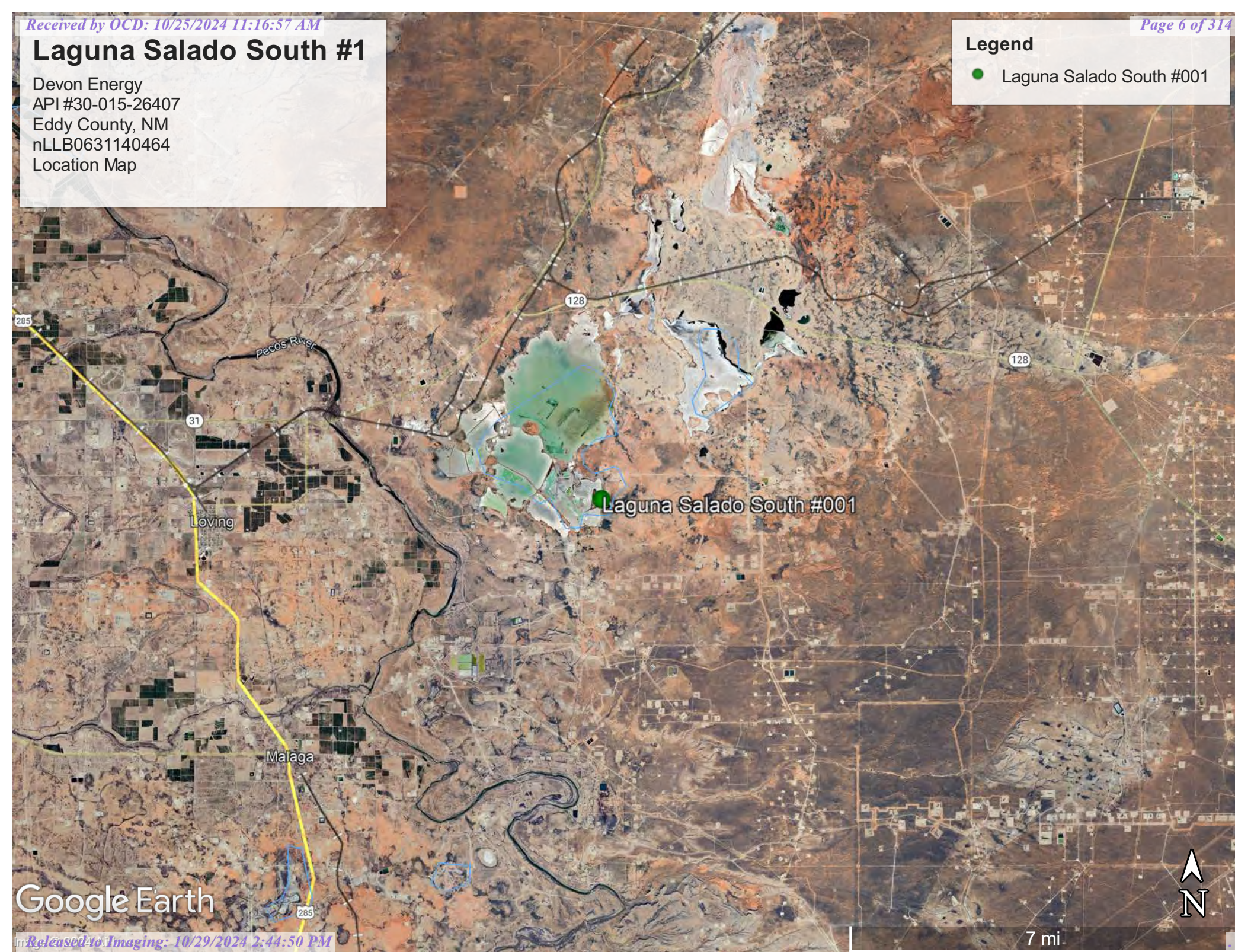
Liner Inspection Map

Laguna Salado South #1

Devon Energy
API #30-015-26407
Eddy County, NM
nLLB0631140464
Location Map

Legend

● Laguna Salado South #001



Google Earth

Laguna Salado South #1

Devon Energy
API #30-015-26407
Eddy County, NM
nLLB0631140464
Topographic Map

Legend

● Laguna Salado South #001

Laguna Salado South #001






4000 ft

Google Earth

Laguna Salado South #1

Devon Energy
API #30-015-26407
Eddy County, NM
nLLB0631140464
Karst Map

Legend

-  High Karst
-  Low Karst
-  Medium Karst

Laguna Salado South #001

Google Earth






1 mi

Laguna Salado South #1

Devon Energy
API # 30-015-26407
Eddy County, NM
nLLB0631140464
Background Sample Map

Legend

-  60 Yards
-  Background samples
-  Laguna Salado South #001

BC North

BC East

Google Earth

Laguna Salado South #001



200 ft

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
DEVON ENERGY - Laguna Salado South #1 - nAB1506157520								
Date: 9/13/24		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
BG North-Surface	0'	ND	ND	ND	46.2	ND	46.2	16500
BG North-1'	1'	ND	ND	ND	ND	ND	0	14100
BG North-2'	2'	ND	ND	ND	ND	ND	0	13200
BG North-3'	3'	ND	ND	ND	ND	ND	0	13100
BG North-4'	4'	ND	ND	ND	ND	ND	0	12700
BG East-Surface	0'	ND	ND	ND	ND	ND	0	16300
BG East-1'	1'	ND	ND	ND	ND	ND	0	9850
BG East-2'	2'	ND	ND	ND	ND	ND	0	12900
BG East-3'	3'	ND	ND	ND	ND	ND	0	12900
BG East-4'	4'	ND	ND	ND	ND	ND	0	12500

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
DEVON ENERGY - Laguna Salado South #1 - nLLB0631140464								
Date: 10/9/24		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
C1-Surface	0'	ND	ND	ND	26.1	ND	26.1	577
C1-1'	1'	ND	ND	ND	43.8	ND	43.8	475
C1-2'	2'	ND	ND	ND	ND	ND	ND	658
C1-3'	3'	ND	ND	ND	ND	ND	ND	20.7
C1-4'	4'	ND	ND	ND	ND	ND	ND	ND
C2-Surface	0'	ND	ND	ND	42.5	ND	42.5	686
C2-1'	1'	ND	ND	ND	35.9	ND	35.9	398
C2-2'	2'	ND	ND	ND	ND	ND	ND	518
C2-3'	3'	ND	ND	ND	ND	ND	ND	ND
C2-4'	4'	ND	ND	ND	ND	ND	ND	ND




Laguna Salado South #001

Devon Energy
API # 30-015-26407
Eddy County, NM
nLLB0631140464
Liner Inspection Map

Laguna Salado South #001

32.292193, -103.974805

Legend

-  <--SWD Transfer Pump
-  nLLB0631140464 Release area - 2,502 sqft
-  Samples under liner



CC1

CC2

<--SWD Transfer Pump



Appendix A

Water Surveys

Water-Related Maps



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
C 02797		CUB	ED	2	3	22	23S	29E		596540	3572895*	396	200		
C 02716		CUB	ED	4	4	4	16	23S	29E	595818	3574002*	1007	400		
C 02715		CUB	ED	4	1	3	15	23S	29E	596221	3574411*	1162	400		
C 02717		CUB	ED	4	2	4	16	23S	29E	595817	3574407*	1325	400		
C 01217 S		CUB	ED	4	1	4	16	23S	29E	595413	3574403*	1577	350		
C 02721		CUB	ED	2	3	21	23S	29E		594915	3572879*	1669	150		
C 02720		CUB	ED	2	1	21	23S	29E		594911	3573690*	1670	150		
C 02718		CUB	ED	4	4	2	16	23S	29E	595816	3574812*	1680	400		
C 02707		C	ED		2	28	23S	29E		595535	3571868*	1738	40	18	22
C 04326 POD14		CUB	ED	4	2	3	23	23S	29E	598191	3572765	1739	58	54	4
C 04326 POD16		CUB	ED	2	4	3	23	23S	29E	598209	3572664	1789	64	54	10
C 03057 EXPLORE		CUB	ED	4	1	1	21	23S	29E	594605	3573586*	1950	150		
C 02808		CUB	ED	2	3	16	23S	29E		594909	3574501*	2024	100		
C 02809		CUB	ED	2	3	16	23S	29E		594909	3574501*	2024	100		
C 02613		CUB	ED	4	4	2	20	23S	29E	594203	3573176*	2332	400		
C 02794		CUB	ED	4	3	10	23S	29E		596518	3575731*	2439	100		
C 02795		CUB	ED	4	3	10	23S	29E		596518	3575731*	2439	200		
C 01627		C	ED	1	4	4	28	23S	29E	595649	3570959*	2494	170		
C 03058 EXPLORE		CUB	ED	4	1	1	16	23S	29E	594605	3575206*	2716	150		

Average Depth to Water: **42 feet**

Minimum Depth: **18 feet**

Maximum Depth: **54 feet**

Record Count: 19

UTM NAD83 Radius Search (in meters):

Easting (X): 596532.98

Northing (Y): 3573291.66

Radius: 3000

*UTM location was derived from PLSS - see Help

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

4/6/23 10:08 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



New Mexico Office of the State Engineer

Water Right Summary

WR File Number: C 02797 **Subbasin:** CUB **Cross Reference:** -
Primary Purpose: MON MONITORING WELL
Primary Status: PMT PERMIT
Total Acres: **Subfile:** - **Header:** -
Total Diversion: 0 **Cause/Case:** -
Owner: IMC
Contact: SCOTT VAIL

Documents on File

Trn #	Doc	File/Act	Status		Transaction Desc.	From/ To	Acres	Diversion	Consumptive
			1	2					
206342	EXPL	2001-02-02	PMT	APR	C 02797	T	0	0	

Current Points of Diversion

POD Number	Well Tag	Source	Q		X		Y		Other Location Desc
			64Q16Q4Sec	Tws Rng	2	3	22	23S 29E	
C 02797									

An () after northing value indicates UTM location was derived from PLSS - see Help

Source

Acres	Diversion	CU	Use	Priority	Source Description
0	0		MON		GW

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

7/18/24 7:51 AM

WATER RIGHT SUMMARY



New Mexico Office of the State Engineer

Transaction Summary

EXPL Permit To Explore

Transaction Number: 206342

Transaction Desc: C 02797

File Date: 02/02/2001

Primary Status: PMT Permit

Secondary Status: APR Approved

Person Assigned: *****

Applicant: IMC

Contact: SCOTT VAIL

Events

Date	Type	Description	Comment	Processed By
02/02/2001	APP	Application Received		*****
02/02/2001	FTN	Finalize non-published Trans.		*****

Water Right Information

WR File Nbr	Acres	Diversion	Consumptive	Purpose of Use
C 02797	0	0		MON MONITORING WELL

**Point of Diversion

C 02797	596540	3572895*	
---------	--------	----------	--

An () after northing value indicates UTM location was derived from PLSS - see Help

Conditions

- 4 No water shall be appropriated and beneficially used under this permit.
- 7 The Permittee shall utilize the highest and best technology available to ensure conservation of water to the maximum extent practical.
- B The well shall be drilled by a driller licensed in the State of New Mexico in accordance with Section 72-12-12 New Mexico Statutes Annotated.
- C Driller's well record must be filed with the State Engineer within 10 days after the well is drilled or driven. Well record forms will be provided by the State Engineer upon request.
- C2 No water shall be diverted from this well except for testing purposes which shall not exceed ten (10) cumulative days, and well shall be plugged or capped on or before , unless a permit to use water from this well is acquired from the Office of the State Engineer.
- G If artesian water is encountered, all rules and regulations pertaining to the drilling and casing of artesian wells shall be complied with.

Action of the State Engineer

** See Image For Any Additional Conditions of Approval **

Approval Code: A - Approved

Action Date: 02/02/2001

PCW Due Date: 02/02/2002

State Engineer: Thomas C. Turney

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

7/18/24 7:52 AM

TRANSACTION
SUMMARY

OSE POD Location Map



7/18/2024, 8:49:38 AM

GIS WATERS PODs

Pending

OSE District Boundary

Water Right Regulations

Artesian Planning Area

New Mexico State Trust Lands

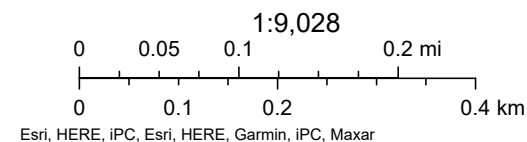
Subsurface Estate

NHD Flowlines

Artificial Path

Connector

Stream River





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

National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater

Geographic Area:

United States

GO

Click to hide News Bulletins

- Explore the *NEW* [USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.

Groundwater levels for the Nation

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

Search Results -- 1 sites found

site_no list =

- 321717103561001

Minimum number of levels = 1

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

USGS 321717103561001 23S.29E.24.41321

Available data for this site

Groundwater: Field measurements

GO

Eddy County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°17'17", Longitude 103°56'10" NAD27

Land-surface elevation 3,034 feet above NAVD88

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

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

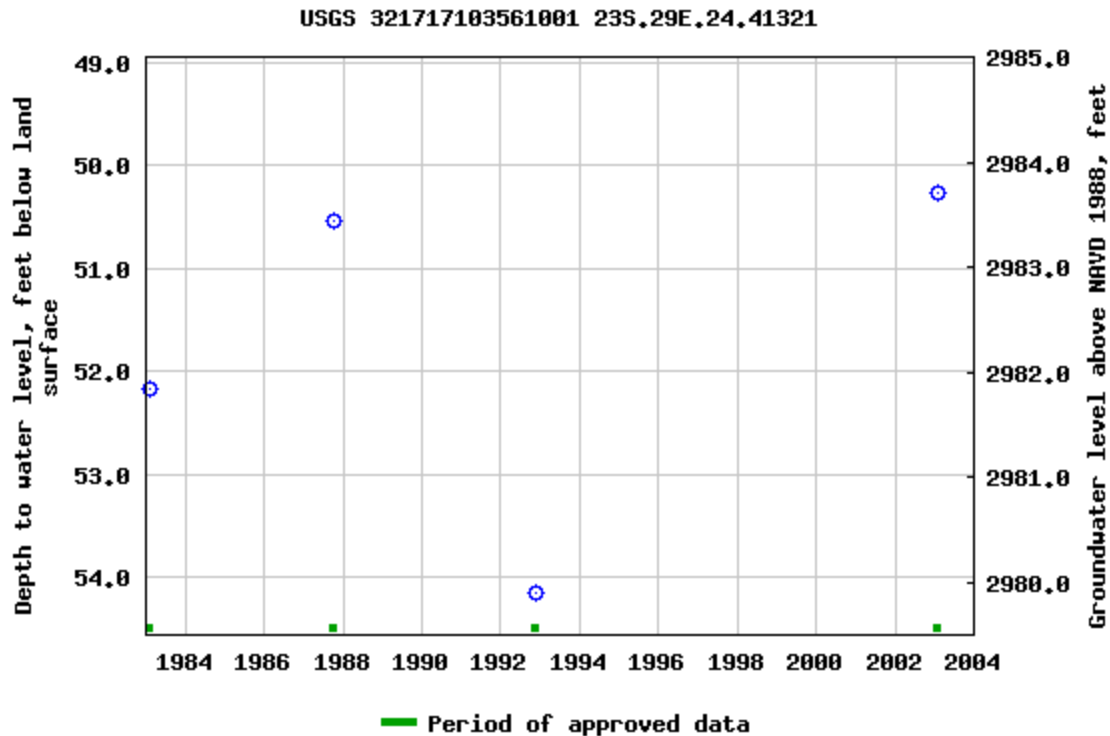
Output formats

[Table of data](#)

[Tab-separated data](#)

[Graph of data](#)

[Reselect period](#)



Breaks in the plot represent a gap of at least one year between field measurements.
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[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)
Title: Groundwater for USA: Water Levels
URL: <https://nwis.waterdata.usgs.gov/nwis/gwlevels?>



Page Contact Information: [USGS Water Data Support Team](#)
Page Last Modified: 2024-07-18 09:50:34 EDT
0.55 0.5 nadww01





National Water Information System: Mapper



Laguna Salado South #1

Devon Energy
API #30-015-26407
Eddy County, NM
nLLB0631140464
Surface Water Map

Legend

-  311 Feet
-  Salt Mine Pond

Salt Mine Pond

Laguna Salado South #001



700 ft

Google Earth



Wetlands Map



July 18, 2024

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

- Lake
- Other
- Riverine

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

National Flood Hazard Layer FIRMMette



103°58'48"W 32°17'46"N



Released to Imaging: 10/29/2024 2:44:50 PM

1:6,000

103°58'10"W 32°17'15"N

Basemap Imagery Source: USGS National Map 2023

Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 7/18/2024 at 9:55 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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



Appendix B

Soil Survey

Soil Map

Geologic Unit Map

Map Unit Description: Cottonwood-Reeves loams, overflow, 0 to 3 percent slopes---Eddy Area,
New Mexico

Eddy Area, New Mexico

CR—Cottonwood-Reeves loams, overflow, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w47

Elevation: 3,000 to 4,300 feet

Mean annual precipitation: 10 to 14 inches

Mean annual air temperature: 60 to 64 degrees F

Frost-free period: 200 to 220 days

Farmland classification: Not prime farmland

Map Unit Composition

Cottonwood and similar soils: 60 percent

Reeves and similar soils: 35 percent

Minor components: 5 percent

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

Description of Cottonwood

Setting

Landform: Ridges, hills

Landform position (two-dimensional): Shoulder, backslope, footslope, toeslope

Landform position (three-dimensional): Side slope, head slope, nose slope, crest

Down-slope shape: Convex

Across-slope shape: Linear

Parent material: Residuum weathered from gypsum

Typical profile

H1 - 0 to 9 inches: loam

H2 - 9 to 60 inches: bedrock

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: 3 to 12 inches to paralithic bedrock

Drainage class: Well drained

Runoff class: Low

Capacity of the most limiting layer to transmit water

(Ksat): Moderately high to high (0.20 to 2.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 15 percent

Gypsum, maximum content: 20 percent

Maximum salinity: Moderately saline to strongly saline (8.0 to 16.0 mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Very low (about 1.4 inches)

Map Unit Description: Cottonwood-Reeves loams, overflow, 0 to 3 percent slopes---Eddy Area,
New Mexico

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 6s

Hydrologic Soil Group: D

Ecological site: R070BB006NM - Gyp Upland

Hydric soil rating: No

Description of Reeves**Setting**

Landform: Plains, ridges, hills

Landform position (two-dimensional): Shoulder, backslope, footslope, toeslope

Landform position (three-dimensional): Side slope, head slope, nose slope, crest

Down-slope shape: Convex

Across-slope shape: Linear

Parent material: Residuum weathered from gypsum

Typical profile

H1 - 0 to 8 inches: loam

H2 - 8 to 32 inches: clay loam

H3 - 32 to 60 inches: gypsiferous material

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: High

Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: Occasional

Frequency of ponding: None

Calcium carbonate, maximum content: 25 percent

Gypsum, maximum content: 20 percent

Maximum salinity: Very slightly saline to moderately saline (2.0 to 8.0 mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Low (about 4.7 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 6w

Hydrologic Soil Group: B

Ecological site: R070BB006NM - Gyp Upland

Hydric soil rating: No

Minor Components**Unnamed soils**

Percent of map unit: 5 percent

Map Unit Description: Cottonwood-Reeves loams, overflow, 0 to 3 percent slopes---Eddy Area,
New Mexico

Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 19, Sep 7, 2023

Soil Map—Eddy Area, New Mexico



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

7/18/2024
Page 1 of 3

Soil Map—Eddy Area, New Mexico

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

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

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

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

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

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

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

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

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 19, Sep 7, 2023

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

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

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



Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
CR	Cottonwood-Reeves loams, overflow, 0 to 3 percent slopes	8.8	100.0%
Totals for Area of Interest		8.8	100.0%

Laguna Salado South #1

Devon Energy
API #30-015-26407
Eddy County, NM
nLLB0631140464
Geologic Unit Map

Legend

-  Lacustrine and playa-lake deposits
-  Rustler Formation

Laguna Salado South #001

Google Earth



1000 ft

Appendix C

Initial C-141 Form

48-Hour Notifications

NMOCD Correspondence

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

PI# 30-015-26407
nLLB0631140464

Release Notification and Corrective Action**OPERATOR**

☒ Initial Report ☐ Final Report

Name of Company Devon Energy Production Co., LP	6137	Contact: Jennifer Van Curen
Address: PO Box 250; Artesia, NM 88211		Telephone No. 505-748-0160
Facility Name Laguna Salado Fed 1		Facility Type Well

Surface Owner	Mineral Owner	Lease No.
---------------	---------------	-----------

LOCATION OF RELEASE

Unit Letter F	Section 22	Township 23S	Range 29E	Feet from the 2030	North/South Line North	Feet from the 1980	East/West Line West	County Eddy
------------------	---------------	-----------------	--------------	-----------------------	---------------------------	-----------------------	------------------------	----------------

Latitude _____ Longitude _____

NATURE OF RELEASE

Type of Release: Water	Volume of Release: 62 bbls	Volume Recovered: 50 bbls
Source of Release: Seal broke	Date and Hour of Occurrence: 3-10-06: 10:30 AM	Date and Hour of Discovery: 3-10-06: 10:30 AM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mike Bratcher--OCD	
By Whom? Merle Lewis: Lease Operator	Date and Hour: 3-10-06: 1:36 PM	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

Seal on SWD transfer pump ruptured, spilling 62 bbls of produced water into dike. We recovered 50 bbls of produced water. Truck. Replaced seal on pump and discussed incident at safety meeting. Will continue to monitor seals at all transfer pumps.

Describe Area Affected and Cleanup Action Taken.*

Isolated pump and called mechanic & vac. 25' X 100' area affected.

RECEIVED

APR 19 2006

REC'D-ARTESIA

OCD-ARTESIA

APR 19 2006

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature: <i>Jennifer Van Curen</i>		OIL CONSERVATION DIVISION	
Printed Name: Jennifer Van Curen		Approved by District Supervisor: TIM GUM by MB <i>Mike Bratcher</i>	
Title: Production Field Tech		Approval Date: <i>4/9/06</i>	Expiration Date:
E-mail Address: jennifer.vancuren@dvn.com		Conditions of Approval:	
Date: 3/20/06	Phone: 748-0160	Attached <input checked="" type="checkbox"/>	

* Attach Additional Sheets If Necessary

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

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

QUESTIONS

Action 390404

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 390404
	Action Type: [NOTIFY] Notification Of Liner Inspection (C-141L)

QUESTIONS

Prerequisites	
Incident ID (n#)	nLLB0631140464
Incident Name	NLLB0631140464 LAGUNA SALADO SOUTH #001 @ 30-015-26407
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-015-26407] LAGUNA SALADO SOUTH #001

Location of Release Source	
Site Name	LAGUNA SALADO SOUTH #001
Date Release Discovered	03/10/2006
Surface Owner	Private

Liner Inspection Event Information	
Please answer all the questions in this group.	
What is the liner inspection surface area in square feet	2,502
Have all the impacted materials been removed from the liner	Yes
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	10/09/2024
Time liner inspection will commence	08:00 AM
Please provide any information necessary for observers to liner inspection	Andrew Franco (806) 200-0054
Please provide any information necessary for navigation to liner inspection site	From the intersection of NM128 and Rawhide Road, travel south on Rawhide Rd for 4.1 miles, turn west on Rawhide Rd for 3.1 miles, turn north on lease road for 0.75 miles, turn west into location.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 390404

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 390404
	Action Type: [NOTIFY] Notification Of Liner Inspection (C-141L)

CONDITIONS

Created By	Condition	Condition Date
wdale	Failure to notify the OCD of liner inspections including any changes in date/time per the requirements of 19.15.29.11.A(5)(a)(ii) NMAC, may result in the inspection not being accepted.	10/7/2024

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 390403

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 390403
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nLLB0631140464
Incident Name	NLLB0631140464 LAGUNA SALADO SOUTH #001 @ 30-015-26407
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-015-26407] LAGUNA SALADO SOUTH #001

Location of Release Source	
Site Name	LAGUNA SALADO SOUTH #001
Date Release Discovered	03/10/2006
Surface Owner	Private

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	200
What is the estimated number of samples that will be gathered	10
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/09/2024
Time sampling will commence	06:30 AM
Please provide any information necessary for observers to contact samplers	Andrew Franco (806) 200-0054
Please provide any information necessary for navigation to sampling site	From the intersection of NM128 and Rawhide Road, travel south on Rawhide Rd for 4.1 miles, turn west on Rawhide Rd for 3.1 miles, turn north on lease road for 0.75 miles, turn west into location.

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

CONDITIONS

Action 390403

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 390403
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
wdale	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	10/7/2024



Tom Pima Oil <tom@pimaoil.com>

RE: [EXTERNAL] Re: NLLB0631140464 and NAB1506157520 LAGUNA SALADO SOUTH #001 Rejections

1 message

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

Wed, Sep 18, 2024 at 5:23 PM

Thank you and you too!

[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: Wednesday, September 18, 2024 4:21 PM

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

Cc: Woodall, Dale <Dale.Woodall@dmv.com>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Subject: Re: [EXTERNAL] Re: NLLB0631140464 and NAB1506157520 LAGUNA SALADO SOUTH #001 Rejections

Hey Shelly,

Thank you much for your time in reviewing this, we will proceed as directed. Have a great day!

Tom Bynum
580-748-1613
575-964-7740 Office
Inline image
Pima Environmental Services, LLC.

On Wed, Sep 18, 2024 at 5:18 PM Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov> wrote:

Hi Tom,

After discussing this with Mike Bratcher, I do agree that for the location of NLLB0631140464, you can focus on the entire red area highlighted in the Figures you attached and disregard the previous request to sample the fenced area in the northeast section of the pad. If the entire area marked in red within the tank battery is lined, you may proceed with a liner inspection. You made mention that it is covered with gravel so that should be removed, the liner should be cleaned, and then an inspection performed pursuant to 19.15.29.11(A)5(a) NMAC. Should any part of the area marked in red be unlined, samples will need to be collected in 1' increments, down to a depth of 4' due to this being a historical release. These samples should be collected pursuant to 19.15.29.12(D) NMAC.

If you have any other questions, please let me know.

Kind regards,

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: Tuesday, September 10, 2024 10:02 AM

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

Cc: Woodall, Dale <Dale.Woodall@dmv.com>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Subject: Re: [EXTERNAL] Re: NLLB0631140464 and NAB1506157520 LAGUNA SALADO SOUTH #001 Rejections

Good morning Shelly,

Regarding incident NLLB0631140464 - Laguna Salado South #001, would you please take time to review this additional research? I believe it would be in error to assess within the fenced area in the northeast section of the pad where the separator is.

"...Based on the information provided on the initial C-141 for NLLB0631140464, OCD believes samples should be collected within the fenced area in the northeast section of pad where the separator is. On initial C-141, under Describe Area Affected it states: 25' x 100' area affected. Back in 2006 when the release occurred, this area was closer to those dimensions than the tank battery according to google earth imagery...."

Please see the attached summary report of this research. The initial C-141 states the release came from the SWD transfer pump which is situated near the produced water tanks as its job is to pump produced water from the tank battery to the SWD. It also states that the release of "62 bbls of produced water went into dike," which has a black pvc liner covered with gravel.

The maps and images included in this summary report show the 25' x 100' area within the berm, and the location of the SWD transfer pump. There are also images from 2005 and 2007 showing that at some point in between those dates, more tanks were installed along with the SWD transfer pump and the battery size was increased.

Would you agree that the correct course of action for this incident would be to remove the gravel from the pvc liner so that a liner inspection could be performed?

MANY THANKS,

Tom Bynum

Cell – 580-748-1613

Office – 575-964-7740



Pima Environmental Services, LLC.

On Tue, Aug 20, 2024 at 4:41 PM Tom Pima Oil <tom@pimaoil.com> wrote:

Thank you Shelly, will do.

Tom Bynum
580-748-1613
575-964-7740 Office
Inline image
Pima Environmental Services, LLC.

On Tue, Aug 20, 2024 at 4:39 PM Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov> wrote:

Hi Tom,

Thanks for responding so quickly. The OCD is requesting the background samples be tested for all Table I constituents and that goes for the other delineation samples as well.

Kind regards,

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: Tuesday, August 20, 2024 3:37 PM

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

Cc: Woodall, Dale <Dale.Woodall@dmv.com>; Bratcher, Michael, EMNRD
<mike.bratcher@emnrd.nm.gov>

Subject: [EXTERNAL] Re: NLLB0631140464 and NAB1506157520 LAGUNA SALADO SOUTH #001 Rejections

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

Shelly,

Thank you for the feedback, Devon has approved for us to collect the samples so we will get this on the schedule. I will get with Dale about getting the 48-hour notification submitted for the appropriate day and time. To verify that I understand correctly, you are requesting only chloride analysis for these samples, not a full panel?

MANY THANKS,

Tom Bynum

Cell – 580-748-1613

Office – 575-964-7740



Pima Environmental Services, LLC.

On Tue, Aug 20, 2024 at 3:03 PM Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov> wrote:

Good afternoon Tom,

I have just rejected the above remediation closure reports, requesting that more sampling occur. Because of the unique location of this site, we are requesting that two additional background chloride samples be collected in 1' increments down to 4'. Mike Bratcher and I discussed these this morning and we would like to see them collected 60 yards north of the pad and 60 yards east of the pad, in the locations marked in the attachment I have included. I am willing to discuss with you, should you have any questions.

Kind Regards,

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/>



Appendix D

Photographic Documentation

Liner Inspection Form

Site Assessment



Lease Sign



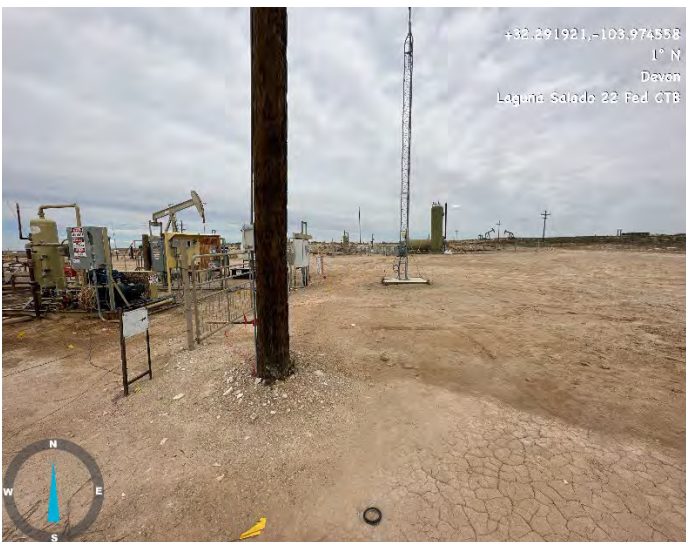
East side of battery



Wellhead and north of battery



East side of battery looking south



East of panels and pumps looking north



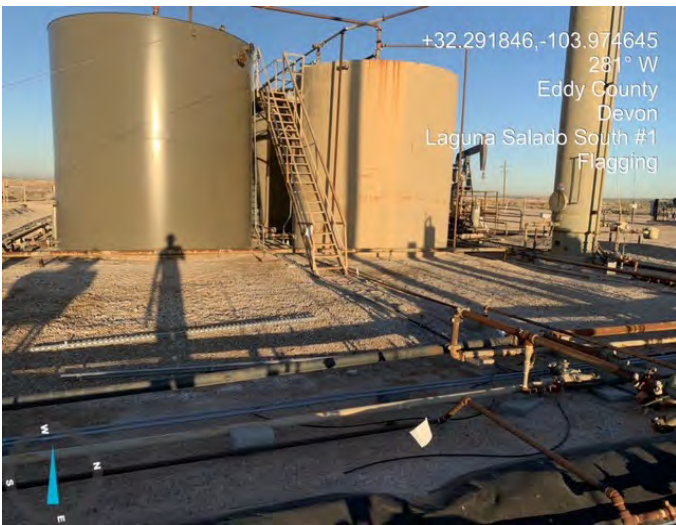
South side of pumps and panels



South side of battery



Gravel Removal East



Gravel removal East



Gravel removal middle



Gravel removal West



Gravel removal Southwest



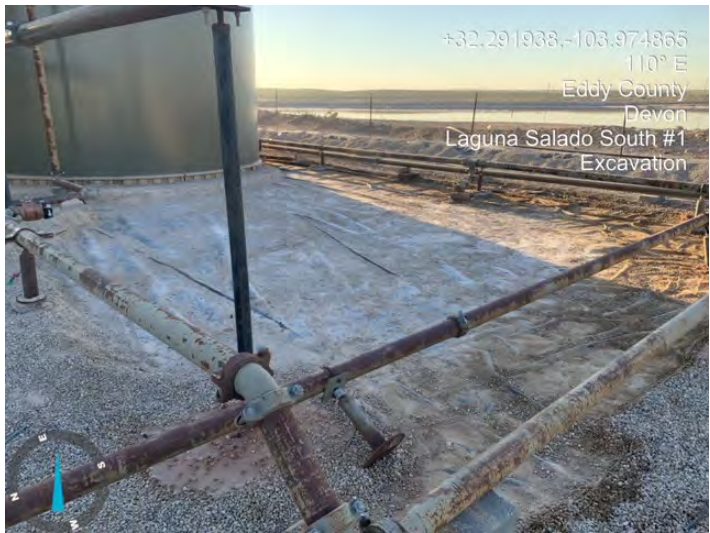
Gravel removal Southeast



Gravel removal Southwest



Liner inspection 1



Liner inspection 2



Liner inspection 3



Liner inspection 4

Laguna Salado South #001



Hole in liner 1



Hole in liner 2



Liner inspection 5



Liner inspection 6



Liner inspection 7



Liner inspection 8



Samples from under liner



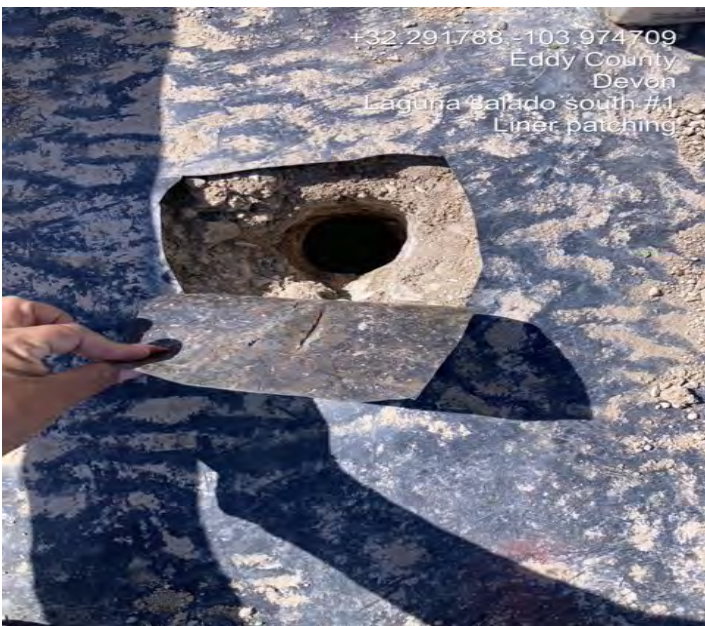
Samples from under liner



Liner patch 1



Liner patch 2



Liner patch 3



Liner patch 4



Backfill containmentment 1



Backfill containmentment 2



Backfill containmentment 3



Backfill containmentment 4



Backfill containmentment 5



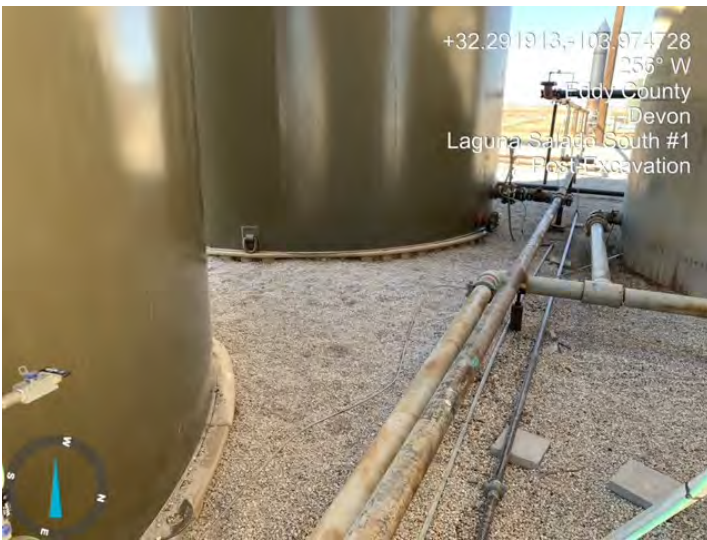
Backfill containmentment 6



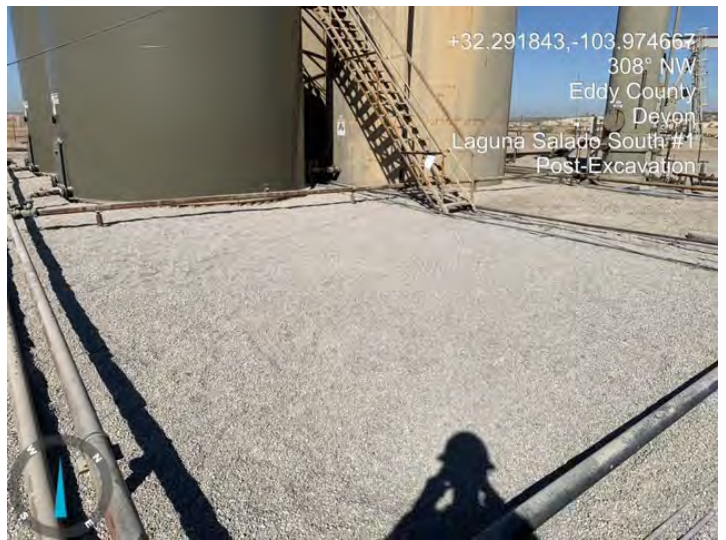
Backfill containment 7



Backfill containment 8



Backfill containment 9



Backfill containment 10



Backfill containment 11

**Liner Inspection Form**Company Name: Devon EnergySite: Laguna Salado South #001Lat/Long: 32.2922554, -103.9748001

NMOCD Incident ID

& Incident Date: nLLB0631140464 3/10/2006

2-Day Notification

Sent: 10/7/2024 OCD Online: Permitting – Application ID 390404Inspection Date: 10/9/2024 @8:00 a.m.

Liner Type: Earthen w/liner Earthen no liner Polystar

Earth w/poly liner Steel w/spray epoxy No Liner

Other: _____

Visualization	Yes	No	Comments
Is there a tear in the liner?	X		There are 2 tears in the liner, collect samples underneath each tear from 0 – 4 feet.
Are there holes in the liner?		X	
Is the liner retaining any fluids?		X	
Does the liner have integrity to contain a leak?		X	

Comments: Liner needs repair after samples are collected from underneathInspector Name: Andrew Franco Inspector Signature: Andrew Franco



Appendix E

Laboratory Reports

Report to:
Tom Bynum



5796 U.S. Hwy 64
Farmington, NM 87401

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



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Laguna Salado South #1

Work Order: E303125

Job Number: 01058-0007

Received: 3/30/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/5/23

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

Date Reported: 4/5/23



Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Laguna Salado South #1
Workorder: E303125
Date Received: 3/30/2023 7:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/30/2023 7:00:00AM, under the Project Name: Laguna Salado South #1.

The analytical test results summarized in this report with the Project Name: Laguna Salado South #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,

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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	04/05/23 08:49

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
P1 - 1'	E303125-01A	Soil	03/28/23	03/30/23	Glass Jar, 2 oz.
P1 - 3'	E303125-02A	Soil	03/28/23	03/30/23	Glass Jar, 2 oz.
P1 - 4'	E303125-03A	Soil	03/28/23	03/30/23	Glass Jar, 2 oz.
P2 - 1'	E303125-04A	Soil	03/28/23	03/30/23	Glass Jar, 2 oz.
P2 - 3'	E303125-05A	Soil	03/28/23	03/30/23	Glass Jar, 2 oz.
P2 - 4'	E303125-06A	Soil	03/28/23	03/30/23	Glass Jar, 2 oz.
P3 - 1'	E303125-07A	Soil	03/28/23	03/30/23	Glass Jar, 2 oz.
P3 - 3'	E303125-08A	Soil	03/28/23	03/30/23	Glass Jar, 2 oz.
P3 - 4'	E303125-09A	Soil	03/28/23	03/30/23	Glass Jar, 2 oz.
BG2 - 1'	E303125-10A	Soil	03/28/23	03/30/23	Glass Jar, 2 oz.
BG2 - 3'	E303125-11A	Soil	03/28/23	03/30/23	Glass Jar, 2 oz.
BG2 - 4'	E303125-12A	Soil	03/28/23	03/30/23	Glass Jar, 2 oz.



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/5/2023 8:49:14AM

P1 - 1'

E303125-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313052
Benzene	ND	0.0250	1	03/30/23	03/30/23	
Ethylbenzene	ND	0.0250	1	03/30/23	03/30/23	
Toluene	ND	0.0250	1	03/30/23	03/30/23	
o-Xylene	ND	0.0250	1	03/30/23	03/30/23	
p,m-Xylene	ND	0.0500	1	03/30/23	03/30/23	
Total Xylenes	ND	0.0250	1	03/30/23	03/30/23	
Surrogate: Bromofluorobenzene	93.4 %	70-130		03/30/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		03/30/23	03/30/23	
Surrogate: Toluene-d8	103 %	70-130		03/30/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313052
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/23	03/30/23	
Surrogate: Bromofluorobenzene	93.4 %	70-130		03/30/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		03/30/23	03/30/23	
Surrogate: Toluene-d8	103 %	70-130		03/30/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2313085
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/23	03/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/23	03/31/23	
Surrogate: n-Nonane	90.7 %	50-200		03/31/23	03/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313058
Chloride	8670	1000	50	03/30/23	03/30/23	



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/5/2023 8:49:14AM

P1 - 3'

E303125-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313052
Benzene	ND	0.0250	1	03/30/23	03/30/23	
Ethylbenzene	ND	0.0250	1	03/30/23	03/30/23	
Toluene	ND	0.0250	1	03/30/23	03/30/23	
o-Xylene	ND	0.0250	1	03/30/23	03/30/23	
p,m-Xylene	ND	0.0500	1	03/30/23	03/30/23	
Total Xylenes	ND	0.0250	1	03/30/23	03/30/23	
Surrogate: Bromofluorobenzene	95.0 %	70-130		03/30/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		03/30/23	03/30/23	
Surrogate: Toluene-d8	103 %	70-130		03/30/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313052
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/23	03/30/23	
Surrogate: Bromofluorobenzene	95.0 %	70-130		03/30/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		03/30/23	03/30/23	
Surrogate: Toluene-d8	103 %	70-130		03/30/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2313085
Diesel Range Organics (C10-C28)	33.0	25.0	1	03/31/23	04/03/23	
Oil Range Organics (C28-C36)	76.1	50.0	1	03/31/23	04/03/23	
Surrogate: n-Nonane	94.7 %	50-200		03/31/23	04/03/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313058
Chloride	12200	1000	50	03/30/23	03/30/23	



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/5/2023 8:49:14AM

P1 - 4'

E303125-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313052
Benzene	ND	0.0250	1	03/30/23	03/30/23	
Ethylbenzene	ND	0.0250	1	03/30/23	03/30/23	
Toluene	ND	0.0250	1	03/30/23	03/30/23	
o-Xylene	ND	0.0250	1	03/30/23	03/30/23	
p,m-Xylene	ND	0.0500	1	03/30/23	03/30/23	
Total Xylenes	ND	0.0250	1	03/30/23	03/30/23	
Surrogate: Bromofluorobenzene	93.3 %	70-130		03/30/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		03/30/23	03/30/23	
Surrogate: Toluene-d8	102 %	70-130		03/30/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313052
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/23	03/30/23	
Surrogate: Bromofluorobenzene	93.3 %	70-130		03/30/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		03/30/23	03/30/23	
Surrogate: Toluene-d8	102 %	70-130		03/30/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2313085
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/23	03/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/23	03/31/23	
Surrogate: n-Nonane	107 %	50-200		03/31/23	03/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313058
Chloride	10400	1000	50	03/30/23	03/30/23	



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/5/2023 8:49:14AM

P2 - 1'

E303125-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313052
Benzene	ND	0.0250	1	03/30/23	03/30/23	
Ethylbenzene	ND	0.0250	1	03/30/23	03/30/23	
Toluene	ND	0.0250	1	03/30/23	03/30/23	
o-Xylene	ND	0.0250	1	03/30/23	03/30/23	
p,m-Xylene	ND	0.0500	1	03/30/23	03/30/23	
Total Xylenes	ND	0.0250	1	03/30/23	03/30/23	
Surrogate: Bromofluorobenzene	93.3 %	70-130		03/30/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		03/30/23	03/30/23	
Surrogate: Toluene-d8	103 %	70-130		03/30/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313052
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/23	03/30/23	
Surrogate: Bromofluorobenzene	93.3 %	70-130		03/30/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		03/30/23	03/30/23	
Surrogate: Toluene-d8	103 %	70-130		03/30/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2313085
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/23	03/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/23	03/31/23	
Surrogate: n-Nonane	106 %	50-200		03/31/23	03/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313058
Chloride	10900	1000	50	03/30/23	03/30/23	



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/5/2023 8:49:14AM

P2 - 3'

E303125-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313052
Benzene	ND	0.0250	1	03/30/23	03/30/23	
Ethylbenzene	ND	0.0250	1	03/30/23	03/30/23	
Toluene	ND	0.0250	1	03/30/23	03/30/23	
o-Xylene	ND	0.0250	1	03/30/23	03/30/23	
p,m-Xylene	ND	0.0500	1	03/30/23	03/30/23	
Total Xylenes	ND	0.0250	1	03/30/23	03/30/23	
Surrogate: Bromofluorobenzene	93.9 %	70-130		03/30/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		03/30/23	03/30/23	
Surrogate: Toluene-d8	101 %	70-130		03/30/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313052
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/23	03/30/23	
Surrogate: Bromofluorobenzene	93.9 %	70-130		03/30/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		03/30/23	03/30/23	
Surrogate: Toluene-d8	101 %	70-130		03/30/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2313085
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/23	03/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/23	03/31/23	
Surrogate: n-Nonane	105 %	50-200		03/31/23	03/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313058
Chloride	9360	1000	50	03/30/23	03/30/23	



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/5/2023 8:49:14AM

P2 - 4'

E303125-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313052
Benzene	ND	0.0250	1	03/30/23	03/30/23	
Ethylbenzene	ND	0.0250	1	03/30/23	03/30/23	
Toluene	ND	0.0250	1	03/30/23	03/30/23	
o-Xylene	ND	0.0250	1	03/30/23	03/30/23	
p,m-Xylene	ND	0.0500	1	03/30/23	03/30/23	
Total Xylenes	ND	0.0250	1	03/30/23	03/30/23	
Surrogate: Bromofluorobenzene	94.7 %	70-130		03/30/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		03/30/23	03/30/23	
Surrogate: Toluene-d8	102 %	70-130		03/30/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313052
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/23	03/30/23	
Surrogate: Bromofluorobenzene	94.7 %	70-130		03/30/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		03/30/23	03/30/23	
Surrogate: Toluene-d8	102 %	70-130		03/30/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2313085
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/23	03/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/23	03/31/23	
Surrogate: n-Nonane	86.7 %	50-200		03/31/23	03/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313058
Chloride	9880	1000	50	03/30/23	03/30/23	



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/5/2023 8:49:14AM

P3 - 1'

E303125-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313052
Benzene	ND	0.0250	1	03/30/23	03/30/23	
Ethylbenzene	ND	0.0250	1	03/30/23	03/30/23	
Toluene	ND	0.0250	1	03/30/23	03/30/23	
o-Xylene	ND	0.0250	1	03/30/23	03/30/23	
p,m-Xylene	ND	0.0500	1	03/30/23	03/30/23	
Total Xylenes	ND	0.0250	1	03/30/23	03/30/23	
Surrogate: Bromofluorobenzene	94.9 %	70-130		03/30/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		03/30/23	03/30/23	
Surrogate: Toluene-d8	102 %	70-130		03/30/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313052
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/23	03/30/23	
Surrogate: Bromofluorobenzene	94.9 %	70-130		03/30/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		03/30/23	03/30/23	
Surrogate: Toluene-d8	102 %	70-130		03/30/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2313085
Diesel Range Organics (C10-C28)	ND	50.0	2	03/31/23	04/01/23	
Oil Range Organics (C28-C36)	ND	100	2	03/31/23	04/01/23	
Surrogate: n-Nonane	108 %	50-200		03/31/23	04/01/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313058
Chloride	9230	1000	50	03/30/23	03/30/23	



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/5/2023 8:49:14AM

P3 - 3'

E303125-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313052
Benzene	ND	0.0250	1	03/30/23	03/30/23	
Ethylbenzene	ND	0.0250	1	03/30/23	03/30/23	
Toluene	ND	0.0250	1	03/30/23	03/30/23	
o-Xylene	ND	0.0250	1	03/30/23	03/30/23	
p,m-Xylene	ND	0.0500	1	03/30/23	03/30/23	
Total Xylenes	ND	0.0250	1	03/30/23	03/30/23	
Surrogate: Bromofluorobenzene	93.9 %	70-130		03/30/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	99.5 %	70-130		03/30/23	03/30/23	
Surrogate: Toluene-d8	102 %	70-130		03/30/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313052
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/23	03/30/23	
Surrogate: Bromofluorobenzene	93.9 %	70-130		03/30/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	99.5 %	70-130		03/30/23	03/30/23	
Surrogate: Toluene-d8	102 %	70-130		03/30/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2313085
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/23	03/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/23	03/31/23	
Surrogate: n-Nonane	95.2 %	50-200		03/31/23	03/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313058
Chloride	7930	1000	50	03/30/23	03/30/23	



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/5/2023 8:49:14AM

P3 - 4'

E303125-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313052
Benzene	ND	0.0250	1	03/30/23	03/30/23	
Ethylbenzene	ND	0.0250	1	03/30/23	03/30/23	
Toluene	ND	0.0250	1	03/30/23	03/30/23	
o-Xylene	ND	0.0250	1	03/30/23	03/30/23	
p,m-Xylene	ND	0.0500	1	03/30/23	03/30/23	
Total Xylenes	ND	0.0250	1	03/30/23	03/30/23	
Surrogate: Bromofluorobenzene	92.9 %	70-130		03/30/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		03/30/23	03/30/23	
Surrogate: Toluene-d8	103 %	70-130		03/30/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313052
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/23	03/30/23	
Surrogate: Bromofluorobenzene	92.9 %	70-130		03/30/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		03/30/23	03/30/23	
Surrogate: Toluene-d8	103 %	70-130		03/30/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2313085
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/23	03/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/23	03/31/23	
Surrogate: n-Nonane	93.6 %	50-200		03/31/23	03/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313058
Chloride	13800	2000	100	03/30/23	03/30/23	



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/5/2023 8:49:14AM

BG2 - 1'

E303125-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313052
Benzene	ND	0.0250	1	03/30/23	03/30/23	
Ethylbenzene	ND	0.0250	1	03/30/23	03/30/23	
Toluene	ND	0.0250	1	03/30/23	03/30/23	
o-Xylene	ND	0.0250	1	03/30/23	03/30/23	
p,m-Xylene	ND	0.0500	1	03/30/23	03/30/23	
Total Xylenes	ND	0.0250	1	03/30/23	03/30/23	
Surrogate: Bromofluorobenzene	92.9 %	70-130		03/30/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	99.6 %	70-130		03/30/23	03/30/23	
Surrogate: Toluene-d8	103 %	70-130		03/30/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313052
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/23	03/30/23	
Surrogate: Bromofluorobenzene	92.9 %	70-130		03/30/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	99.6 %	70-130		03/30/23	03/30/23	
Surrogate: Toluene-d8	103 %	70-130		03/30/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2313085
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/23	03/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/23	03/31/23	
Surrogate: n-Nonane	107 %	50-200		03/31/23	03/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313058
Chloride	8800	1000	50	03/30/23	03/30/23	



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/5/2023 8:49:14AM

BG2 - 3'

E303125-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313052
Benzene	ND	0.0250	1	03/30/23	03/30/23	
Ethylbenzene	ND	0.0250	1	03/30/23	03/30/23	
Toluene	ND	0.0250	1	03/30/23	03/30/23	
o-Xylene	ND	0.0250	1	03/30/23	03/30/23	
p,m-Xylene	ND	0.0500	1	03/30/23	03/30/23	
Total Xylenes	ND	0.0250	1	03/30/23	03/30/23	
Surrogate: Bromofluorobenzene	91.6 %	70-130		03/30/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	97.3 %	70-130		03/30/23	03/30/23	
Surrogate: Toluene-d8	103 %	70-130		03/30/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313052
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/23	03/30/23	
Surrogate: Bromofluorobenzene	91.6 %	70-130		03/30/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	97.3 %	70-130		03/30/23	03/30/23	
Surrogate: Toluene-d8	103 %	70-130		03/30/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2313085
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/23	03/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/23	03/31/23	
Surrogate: n-Nonane	102 %	50-200		03/31/23	03/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313058
Chloride	7160	1000	50	03/30/23	03/30/23	



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/5/2023 8:49:14AM

BG2 - 4'

E303125-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313052
Benzene	ND	0.0250	1	03/30/23	03/30/23	
Ethylbenzene	ND	0.0250	1	03/30/23	03/30/23	
Toluene	ND	0.0250	1	03/30/23	03/30/23	
o-Xylene	ND	0.0250	1	03/30/23	03/30/23	
p,m-Xylene	ND	0.0500	1	03/30/23	03/30/23	
Total Xylenes	ND	0.0250	1	03/30/23	03/30/23	
Surrogate: Bromofluorobenzene	92.1 %	70-130		03/30/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	99.4 %	70-130		03/30/23	03/30/23	
Surrogate: Toluene-d8	102 %	70-130		03/30/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313052
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/23	03/30/23	
Surrogate: Bromofluorobenzene	92.1 %	70-130		03/30/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	99.4 %	70-130		03/30/23	03/30/23	
Surrogate: Toluene-d8	102 %	70-130		03/30/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2313085
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/23	04/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/23	04/01/23	
Surrogate: n-Nonane	106 %	50-200		03/31/23	04/01/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313058
Chloride	8600	400	20	03/30/23	03/30/23	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/5/2023 8:49:14AM

Volatile Organic Compounds by EPA 8260B

Analyst: SL

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

Blank (2313052-BLK1) Prepared: 03/30/23 Analyzed: 03/31/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.461		0.500		92.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.473		0.500		94.5	70-130			
Surrogate: Toluene-d8	0.521		0.500		104	70-130			

LCS (2313052-BS1) Prepared: 03/30/23 Analyzed: 03/31/23

Benzene	2.18	0.0250	2.50		87.4	70-130			
Ethylbenzene	2.25	0.0250	2.50		90.2	70-130			
Toluene	2.32	0.0250	2.50		92.8	70-130			
o-Xylene	2.29	0.0250	2.50		91.6	70-130			
p,m-Xylene	4.58	0.0500	5.00		91.6	70-130			
Total Xylenes	6.87	0.0250	7.50		91.6	70-130			
Surrogate: Bromofluorobenzene	0.503		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.479		0.500		95.8	70-130			
Surrogate: Toluene-d8	0.520		0.500		104	70-130			

Matrix Spike (2313052-MS1) Source: E303125-01 Prepared: 03/30/23 Analyzed: 03/31/23

Benzene	2.23	0.0250	2.50	ND	89.3	48-131			
Ethylbenzene	2.28	0.0250	2.50	ND	91.3	45-135			
Toluene	2.28	0.0250	2.50	ND	91.2	48-130			
o-Xylene	2.30	0.0250	2.50	ND	91.9	43-135			
p,m-Xylene	4.56	0.0500	5.00	ND	91.2	43-135			
Total Xylenes	6.86	0.0250	7.50	ND	91.4	43-135			
Surrogate: Bromofluorobenzene	0.490		0.500		97.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.480		0.500		95.9	70-130			
Surrogate: Toluene-d8	0.516		0.500		103	70-130			

Matrix Spike Dup (2313052-MSD1) Source: E303125-01 Prepared: 03/30/23 Analyzed: 03/31/23

Benzene	2.14	0.0250	2.50	ND	85.4	48-131	4.42	23	
Ethylbenzene	2.19	0.0250	2.50	ND	87.7	45-135	4.00	27	
Toluene	2.20	0.0250	2.50	ND	87.8	48-130	3.71	24	
o-Xylene	2.19	0.0250	2.50	ND	87.7	43-135	4.65	27	
p,m-Xylene	4.38	0.0500	5.00	ND	87.6	43-135	4.04	27	
Total Xylenes	6.57	0.0250	7.50	ND	87.6	43-135	4.24	27	
Surrogate: Bromofluorobenzene	0.491		0.500		98.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.6	70-130			
Surrogate: Toluene-d8	0.515		0.500		103	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/5/2023 8:49:14AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2313052-BLK1) Prepared: 03/30/23 Analyzed: 03/31/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.461		0.500		92.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.473		0.500		94.5	70-130			
Surrogate: Toluene-d8	0.521		0.500		104	70-130			

LCS (2313052-BS2) Prepared: 03/30/23 Analyzed: 03/31/23

Gasoline Range Organics (C6-C10)	51.4	20.0	50.0		103	70-130			
Surrogate: Bromofluorobenzene	0.484		0.500		96.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.477		0.500		95.3	70-130			
Surrogate: Toluene-d8	0.523		0.500		105	70-130			

Matrix Spike (2313052-MS2) Source: E303125-01 Prepared: 03/30/23 Analyzed: 03/31/23

Gasoline Range Organics (C6-C10)	54.1	20.0	50.0	ND	108	70-130			
Surrogate: Bromofluorobenzene	0.485		0.500		96.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.479		0.500		95.7	70-130			
Surrogate: Toluene-d8	0.523		0.500		105	70-130			

Matrix Spike Dup (2313052-MSD2) Source: E303125-01 Prepared: 03/30/23 Analyzed: 03/31/23

Gasoline Range Organics (C6-C10)	48.4	20.0	50.0	ND	96.8	70-130	11.1	20	
Surrogate: Bromofluorobenzene	0.479		0.500		95.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.462		0.500		92.4	70-130			
Surrogate: Toluene-d8	0.521		0.500		104	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/5/2023 8:49:14AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2313085-BLK1)					Prepared: 03/31/23 Analyzed: 03/31/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.7		50.0		109	50-200			

LCS (2313085-BS1)					Prepared: 03/31/23 Analyzed: 03/31/23				
Diesel Range Organics (C10-C28)	284	25.0	250		114	38-132			
Surrogate: n-Nonane	53.7		50.0		107	50-200			

Matrix Spike (2313085-MS1)					Source: E303125-03		Prepared: 03/31/23 Analyzed: 03/31/23		
Diesel Range Organics (C10-C28)	281	25.0	250	ND	112	38-132			
Surrogate: n-Nonane	50.8		50.0		102	50-200			

Matrix Spike Dup (2313085-MSD1)					Source: E303125-03		Prepared: 03/31/23 Analyzed: 03/31/23		
Diesel Range Organics (C10-C28)	283	25.0	250	ND	113	38-132	0.763	20	
Surrogate: n-Nonane	50.9		50.0		102	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/5/2023 8:49:14AM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2313058-BLK1)				Prepared: 03/30/23 Analyzed: 03/30/23					
Chloride	ND	20.0							
LCS (2313058-BS1)				Prepared: 03/30/23 Analyzed: 03/30/23					
Chloride	251	20.0	250		101	90-110			
Matrix Spike (2313058-MS1)				Source: E303125-01		Prepared: 03/30/23 Analyzed: 03/30/23			
Chloride	7690	1000	250	8670	NR	80-120			M5, R3
Matrix Spike Dup (2313058-MSD1)				Source: E303125-01		Prepared: 03/30/23 Analyzed: 03/30/23			
Chloride	10700	1000	250	8670	801	80-120	32.5	20	M5, R3

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	04/05/23 08:49

- M5 The analysis of the MS sample required a dilution such that the spike recovery calculation does not provide useful information. The accociated LCS spike recovery was acceptable.
- R3 The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

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

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




Project Information

Chain of Custody

Page 1 of 2

Client: Pima Environmental Services					Bill To		Lab Use Only		TAT				EPA Program			
Project: <u>Laguna Salado South #7</u>					Attention: <u>Devon</u>		Lab WO# <u>E303125</u>		Job Number <u>01058-0007</u>		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Tom Bynum					Address:		Analysis and Method								RCRA	
Address: 5614 N. Lovington Hwy.					City, State, Zip		DRO/DRO by 8015		GRO/DRO by 8015		BTX by 8021		VOC by 8260		Metals 6010	
City, State, Zip Hobbs, NM, 88240					Phone:		Chloride 300.0									
Phone: 580-748-1613					Email:											
Email: tom@pimaoil.com					Pima Project # <u>1-275</u>											
Report due by:																
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number											
9:00	3/28/23	S	1	P1-1'	1											
9:05				P1-3'	2											
9:10				P1-4'	3											
9:15				P2-1'	4											
9:20				P2-3'	5											
9:25				P2-4'	6											
9:30				P3-1'	7											
9:35				P3-3'	8											
9:40				P3-4'	9											
9:45				BG2-1'	10											
Additional Instructions: <u>Billing #: 21136158</u>																
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: <u>Audriana Benavides</u>																
Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.																
Relinquished by: (Signature) <u>AB</u>		Date	Time	Received by: (Signature) <u>Nicelle Cuyk</u>		Date	Time	Lab Use Only								
Relinquished by: (Signature) <u>Nicelle Cuyk</u>		Date	Time	Received by: (Signature) <u>Lorenz Fei</u>		Date	Time	Received on ice: <u>Y</u> N								
Relinquished by: (Signature) <u>Lorenz Fei</u>		Date	Time	Received by: (Signature) <u>Jane Ziegler</u>		Date	Time	T1: T2: T3:								
		Date	Time			Date	Time	AVG Temp °C <u>4.0</u>								
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																
Container Type: <u>g</u> - glass, <u>p</u> - poly/plastic, <u>ag</u> - amber glass, <u>v</u> - VOA																
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																


envirotech

Project Information

[illegible]

Envirotech Analytical Laboratory

Printed: 3/30/2023 10:24:12AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	03/30/23 07:00	Work Order ID:	E303125
Phone:	(575) 631-6977	Date Logged In:	03/29/23 15:06	Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	04/05/23 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
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:
Tom Bynum



5796 U.S. Hwy 64
Farmington, NM 87401

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



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Laguna Salado South #1

Work Order: E303133

Job Number: 01058-0007

Received: 3/30/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/5/23

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

Date Reported: 4/5/23



Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Laguna Salado South #1
Workorder: E303133
Date Received: 3/30/2023 7:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/30/2023 7:00:00AM, under the Project Name: Laguna Salado South #1.

The analytical test results summarized in this report with the Project Name: Laguna Salado South #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:	Laguna Salado South #1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	04/05/23 08:56

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
N1 - 1'	E303133-01A	Soil	03/28/23	03/30/23	Glass Jar, 2 oz.
N1 - 3'	E303133-02A	Soil	03/28/23	03/30/23	Glass Jar, 2 oz.
N1 - 4'	E303133-03A	Soil	03/28/23	03/30/23	Glass Jar, 2 oz.
N2 - 1'	E303133-04A	Soil	03/28/23	03/30/23	Glass Jar, 2 oz.
N2 - 3'	E303133-05A	Soil	03/28/23	03/30/23	Glass Jar, 2 oz.
N2 - 4'	E303133-06A	Soil	03/28/23	03/30/23	Glass Jar, 2 oz.
N3 - 1'	E303133-07A	Soil	03/28/23	03/30/23	Glass Jar, 2 oz.
N3 - 3'	E303133-08A	Soil	03/28/23	03/30/23	Glass Jar, 2 oz.
N3 - 4'	E303133-09A	Soil	03/28/23	03/30/23	Glass Jar, 2 oz.
BG1 - 1'	E303133-10A	Soil	03/28/23	03/30/23	Glass Jar, 2 oz.
BG1 - 3'	E303133-11A	Soil	03/28/23	03/30/23	Glass Jar, 2 oz.
BG1 - 4'	E303133-12A	Soil	03/28/23	03/30/23	Glass Jar, 2 oz.



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/5/2023 8:56:20AM

N1 - 1'

E303133-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2313054	
Benzene	ND	0.0250	1	03/30/23	03/31/23	
Ethylbenzene	ND	0.0250	1	03/30/23	03/31/23	
Toluene	ND	0.0250	1	03/30/23	03/31/23	
o-Xylene	ND	0.0250	1	03/30/23	03/31/23	
p,m-Xylene	ND	0.0500	1	03/30/23	03/31/23	
Total Xylenes	ND	0.0250	1	03/30/23	03/31/23	
Surrogate: Bromofluorobenzene	92.9 %	70-130		03/30/23	03/31/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		03/30/23	03/31/23	
Surrogate: Toluene-d8	103 %	70-130		03/30/23	03/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2313054	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/23	03/31/23	
Surrogate: Bromofluorobenzene	92.9 %	70-130		03/30/23	03/31/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		03/30/23	03/31/23	
Surrogate: Toluene-d8	103 %	70-130		03/30/23	03/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2313070	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/30/23	03/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/30/23	03/31/23	
Surrogate: n-Nonane	93.0 %	50-200		03/30/23	03/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2313092	
Chloride	9720	400	20	03/31/23	04/01/23	



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/5/2023 8:56:20AM

N1 - 3'

E303133-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313054
Benzene	ND	0.0250	1	03/30/23	03/31/23	
Ethylbenzene	ND	0.0250	1	03/30/23	03/31/23	
Toluene	ND	0.0250	1	03/30/23	03/31/23	
o-Xylene	ND	0.0250	1	03/30/23	03/31/23	
p,m-Xylene	ND	0.0500	1	03/30/23	03/31/23	
Total Xylenes	ND	0.0250	1	03/30/23	03/31/23	
Surrogate: Bromofluorobenzene	91.7 %	70-130		03/30/23	03/31/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		03/30/23	03/31/23	
Surrogate: Toluene-d8	103 %	70-130		03/30/23	03/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313054
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/23	03/31/23	
Surrogate: Bromofluorobenzene	91.7 %	70-130		03/30/23	03/31/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		03/30/23	03/31/23	
Surrogate: Toluene-d8	103 %	70-130		03/30/23	03/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2313070
Diesel Range Organics (C10-C28)	ND	50.0	2	03/30/23	03/31/23	
Oil Range Organics (C28-C36)	ND	100	2	03/30/23	03/31/23	
Surrogate: n-Nonane	119 %	50-200		03/30/23	03/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313092
Chloride	13400	400	20	03/31/23	04/01/23	



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/5/2023 8:56:20AM

N1 - 4'

E303133-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313054
Benzene	ND	0.0250	1	03/30/23	03/31/23	
Ethylbenzene	ND	0.0250	1	03/30/23	03/31/23	
Toluene	ND	0.0250	1	03/30/23	03/31/23	
o-Xylene	ND	0.0250	1	03/30/23	03/31/23	
p,m-Xylene	ND	0.0500	1	03/30/23	03/31/23	
Total Xylenes	ND	0.0250	1	03/30/23	03/31/23	
Surrogate: Bromofluorobenzene	93.3 %	70-130		03/30/23	03/31/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		03/30/23	03/31/23	
Surrogate: Toluene-d8	103 %	70-130		03/30/23	03/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313054
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/23	03/31/23	
Surrogate: Bromofluorobenzene	93.3 %	70-130		03/30/23	03/31/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		03/30/23	03/31/23	
Surrogate: Toluene-d8	103 %	70-130		03/30/23	03/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2313070
Diesel Range Organics (C10-C28)	ND	25.0	1	03/30/23	03/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/30/23	03/31/23	
Surrogate: n-Nonane	91.6 %	50-200		03/30/23	03/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313092
Chloride	12200	400	20	03/31/23	04/01/23	



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/5/2023 8:56:20AM

N2 - 1'

E303133-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313054
Benzene	ND	0.0250	1	03/30/23	03/31/23	
Ethylbenzene	ND	0.0250	1	03/30/23	03/31/23	
Toluene	ND	0.0250	1	03/30/23	03/31/23	
o-Xylene	ND	0.0250	1	03/30/23	03/31/23	
p,m-Xylene	ND	0.0500	1	03/30/23	03/31/23	
Total Xylenes	ND	0.0250	1	03/30/23	03/31/23	
Surrogate: Bromofluorobenzene	93.2 %	70-130		03/30/23	03/31/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		03/30/23	03/31/23	
Surrogate: Toluene-d8	104 %	70-130		03/30/23	03/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313054
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/23	03/31/23	
Surrogate: Bromofluorobenzene	93.2 %	70-130		03/30/23	03/31/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		03/30/23	03/31/23	
Surrogate: Toluene-d8	104 %	70-130		03/30/23	03/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2313070
Diesel Range Organics (C10-C28)	ND	25.0	1	03/30/23	03/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/30/23	03/31/23	
Surrogate: n-Nonane	94.0 %	50-200		03/30/23	03/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313092
Chloride	10800	400	20	03/31/23	04/01/23	



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/5/2023 8:56:20AM

N2 - 3'

E303133-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313054
Benzene	ND	0.0250	1	03/30/23	03/31/23	
Ethylbenzene	ND	0.0250	1	03/30/23	03/31/23	
Toluene	ND	0.0250	1	03/30/23	03/31/23	
o-Xylene	ND	0.0250	1	03/30/23	03/31/23	
p,m-Xylene	ND	0.0500	1	03/30/23	03/31/23	
Total Xylenes	ND	0.0250	1	03/30/23	03/31/23	
Surrogate: Bromofluorobenzene	92.0 %	70-130		03/30/23	03/31/23	
Surrogate: 1,2-Dichloroethane-d4	98.8 %	70-130		03/30/23	03/31/23	
Surrogate: Toluene-d8	105 %	70-130		03/30/23	03/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313054
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/23	03/31/23	
Surrogate: Bromofluorobenzene	92.0 %	70-130		03/30/23	03/31/23	
Surrogate: 1,2-Dichloroethane-d4	98.8 %	70-130		03/30/23	03/31/23	
Surrogate: Toluene-d8	105 %	70-130		03/30/23	03/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2313070
Diesel Range Organics (C10-C28)	38.4	25.0	1	03/30/23	04/03/23	
Oil Range Organics (C28-C36)	108	50.0	1	03/30/23	04/03/23	
Surrogate: n-Nonane	96.7 %	50-200		03/30/23	04/03/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313092
Chloride	10900	400	20	03/31/23	04/01/23	



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/5/2023 8:56:20AM

N2 - 4'

E303133-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313054
Benzene	ND	0.0250	1	03/30/23	03/31/23	
Ethylbenzene	ND	0.0250	1	03/30/23	03/31/23	
Toluene	ND	0.0250	1	03/30/23	03/31/23	
o-Xylene	ND	0.0250	1	03/30/23	03/31/23	
p,m-Xylene	ND	0.0500	1	03/30/23	03/31/23	
Total Xylenes	ND	0.0250	1	03/30/23	03/31/23	
Surrogate: Bromofluorobenzene	91.7 %	70-130		03/30/23	03/31/23	
Surrogate: 1,2-Dichloroethane-d4	98.9 %	70-130		03/30/23	03/31/23	
Surrogate: Toluene-d8	104 %	70-130		03/30/23	03/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313054
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/23	03/31/23	
Surrogate: Bromofluorobenzene	91.7 %	70-130		03/30/23	03/31/23	
Surrogate: 1,2-Dichloroethane-d4	98.9 %	70-130		03/30/23	03/31/23	
Surrogate: Toluene-d8	104 %	70-130		03/30/23	03/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2313070
Diesel Range Organics (C10-C28)	ND	25.0	1	03/30/23	04/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/30/23	04/01/23	
Surrogate: n-Nonane	99.3 %	50-200		03/30/23	04/01/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313092
Chloride	10000	400	20	03/31/23	04/01/23	



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/5/2023 8:56:20AM

N3 - 1'

E303133-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313054
Benzene	ND	0.0250	1	03/30/23	03/31/23	
Ethylbenzene	ND	0.0250	1	03/30/23	03/31/23	
Toluene	ND	0.0250	1	03/30/23	03/31/23	
o-Xylene	ND	0.0250	1	03/30/23	03/31/23	
p,m-Xylene	ND	0.0500	1	03/30/23	03/31/23	
Total Xylenes	ND	0.0250	1	03/30/23	03/31/23	
Surrogate: Bromofluorobenzene	92.6 %	70-130		03/30/23	03/31/23	
Surrogate: 1,2-Dichloroethane-d4	98.9 %	70-130		03/30/23	03/31/23	
Surrogate: Toluene-d8	104 %	70-130		03/30/23	03/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313054
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/23	03/31/23	
Surrogate: Bromofluorobenzene	92.6 %	70-130		03/30/23	03/31/23	
Surrogate: 1,2-Dichloroethane-d4	98.9 %	70-130		03/30/23	03/31/23	
Surrogate: Toluene-d8	104 %	70-130		03/30/23	03/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2313070
Diesel Range Organics (C10-C28)	ND	25.0	1	03/30/23	04/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/30/23	04/01/23	
Surrogate: n-Nonane	98.8 %	50-200		03/30/23	04/01/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313092
Chloride	9150	400	20	03/31/23	04/01/23	



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/5/2023 8:56:20AM

N3 - 3'

E303133-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313054
Benzene	ND	0.0250	1	03/30/23	03/31/23	
Ethylbenzene	ND	0.0250	1	03/30/23	03/31/23	
Toluene	ND	0.0250	1	03/30/23	03/31/23	
o-Xylene	ND	0.0250	1	03/30/23	03/31/23	
p,m-Xylene	ND	0.0500	1	03/30/23	03/31/23	
Total Xylenes	ND	0.0250	1	03/30/23	03/31/23	
Surrogate: Bromofluorobenzene	91.3 %	70-130		03/30/23	03/31/23	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		03/30/23	03/31/23	
Surrogate: Toluene-d8	103 %	70-130		03/30/23	03/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313054
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/23	03/31/23	
Surrogate: Bromofluorobenzene	91.3 %	70-130		03/30/23	03/31/23	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		03/30/23	03/31/23	
Surrogate: Toluene-d8	103 %	70-130		03/30/23	03/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2313070
Diesel Range Organics (C10-C28)	ND	25.0	1	03/30/23	04/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/30/23	04/03/23	
Surrogate: n-Nonane	93.7 %	50-200		03/30/23	04/03/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313092
Chloride	17700	400	20	03/31/23	04/01/23	



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/5/2023 8:56:20AM

N3 - 4'

E303133-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313054
Benzene	ND	0.0250	1	03/30/23	03/31/23	
Ethylbenzene	ND	0.0250	1	03/30/23	03/31/23	
Toluene	ND	0.0250	1	03/30/23	03/31/23	
o-Xylene	ND	0.0250	1	03/30/23	03/31/23	
p,m-Xylene	ND	0.0500	1	03/30/23	03/31/23	
Total Xylenes	ND	0.0250	1	03/30/23	03/31/23	
Surrogate: Bromofluorobenzene	91.9 %	70-130		03/30/23	03/31/23	
Surrogate: 1,2-Dichloroethane-d4	99.7 %	70-130		03/30/23	03/31/23	
Surrogate: Toluene-d8	104 %	70-130		03/30/23	03/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313054
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/23	03/31/23	
Surrogate: Bromofluorobenzene	91.9 %	70-130		03/30/23	03/31/23	
Surrogate: 1,2-Dichloroethane-d4	99.7 %	70-130		03/30/23	03/31/23	
Surrogate: Toluene-d8	104 %	70-130		03/30/23	03/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2313070
Diesel Range Organics (C10-C28)	ND	25.0	1	03/30/23	04/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/30/23	04/01/23	
Surrogate: n-Nonane	99.0 %	50-200		03/30/23	04/01/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313092
Chloride	10600	400	20	03/31/23	04/01/23	



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/5/2023 8:56:20AM

BG1 - 1'

E303133-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313054
Benzene	ND	0.0250	1	03/30/23	04/01/23	
Ethylbenzene	ND	0.0250	1	03/30/23	04/01/23	
Toluene	ND	0.0250	1	03/30/23	04/01/23	
o-Xylene	ND	0.0250	1	03/30/23	04/01/23	
p,m-Xylene	ND	0.0500	1	03/30/23	04/01/23	
Total Xylenes	ND	0.0250	1	03/30/23	04/01/23	
Surrogate: Bromofluorobenzene	91.7 %	70-130		03/30/23	04/01/23	
Surrogate: 1,2-Dichloroethane-d4	99.8 %	70-130		03/30/23	04/01/23	
Surrogate: Toluene-d8	103 %	70-130		03/30/23	04/01/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313054
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/23	04/01/23	
Surrogate: Bromofluorobenzene	91.7 %	70-130		03/30/23	04/01/23	
Surrogate: 1,2-Dichloroethane-d4	99.8 %	70-130		03/30/23	04/01/23	
Surrogate: Toluene-d8	103 %	70-130		03/30/23	04/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2313070
Diesel Range Organics (C10-C28)	ND	25.0	1	03/30/23	04/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/30/23	04/01/23	
Surrogate: n-Nonane	99.1 %	50-200		03/30/23	04/01/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313092
Chloride	9260	400	20	03/31/23	04/01/23	



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/5/2023 8:56:20AM

BG1 - 3'

E303133-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313054
Benzene	ND	0.0250	1	03/30/23	04/01/23	
Ethylbenzene	ND	0.0250	1	03/30/23	04/01/23	
Toluene	ND	0.0250	1	03/30/23	04/01/23	
o-Xylene	ND	0.0250	1	03/30/23	04/01/23	
p,m-Xylene	ND	0.0500	1	03/30/23	04/01/23	
Total Xylenes	ND	0.0250	1	03/30/23	04/01/23	
Surrogate: Bromofluorobenzene	90.1 %	70-130		03/30/23	04/01/23	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		03/30/23	04/01/23	
Surrogate: Toluene-d8	103 %	70-130		03/30/23	04/01/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313054
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/23	04/01/23	
Surrogate: Bromofluorobenzene	90.1 %	70-130		03/30/23	04/01/23	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		03/30/23	04/01/23	
Surrogate: Toluene-d8	103 %	70-130		03/30/23	04/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2313070
Diesel Range Organics (C10-C28)	ND	25.0	1	03/30/23	04/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/30/23	04/03/23	
Surrogate: n-Nonane	96.4 %	50-200		03/30/23	04/03/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313092
Chloride	10600	400	20	03/31/23	04/01/23	



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/5/2023 8:56:20AM

BG1 - 4'

E303133-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313054
Benzene	ND	0.0250	1	03/30/23	04/01/23	
Ethylbenzene	ND	0.0250	1	03/30/23	04/01/23	
Toluene	ND	0.0250	1	03/30/23	04/01/23	
o-Xylene	ND	0.0250	1	03/30/23	04/01/23	
p,m-Xylene	ND	0.0500	1	03/30/23	04/01/23	
Total Xylenes	ND	0.0250	1	03/30/23	04/01/23	
Surrogate: Bromofluorobenzene	92.1 %	70-130		03/30/23	04/01/23	
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130		03/30/23	04/01/23	
Surrogate: Toluene-d8	104 %	70-130		03/30/23	04/01/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313054
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/23	04/01/23	
Surrogate: Bromofluorobenzene	92.1 %	70-130		03/30/23	04/01/23	
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130		03/30/23	04/01/23	
Surrogate: Toluene-d8	104 %	70-130		03/30/23	04/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2313070
Diesel Range Organics (C10-C28)	ND	25.0	1	03/30/23	04/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/30/23	04/01/23	
Surrogate: n-Nonane	93.4 %	50-200		03/30/23	04/01/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313092
Chloride	9840	400	20	03/31/23	04/01/23	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/5/2023 8:56:20AM

Volatile Organic Compounds by EPA 8260B

Analyst: SL

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

Blank (2313054-BLK1) Prepared: 03/30/23 Analyzed: 03/31/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.459		0.500		91.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.469		0.500		93.8	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			

LCS (2313054-BS1) Prepared: 03/30/23 Analyzed: 03/31/23

Benzene	2.24	0.0250	2.50		89.6	70-130			
Ethylbenzene	2.29	0.0250	2.50		91.7	70-130			
Toluene	2.29	0.0250	2.50		91.6	70-130			
o-Xylene	2.31	0.0250	2.50		92.5	70-130			
p,m-Xylene	4.62	0.0500	5.00		92.4	70-130			
Total Xylenes	6.93	0.0250	7.50		92.4	70-130			
Surrogate: Bromofluorobenzene	0.500		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.471		0.500		94.2	70-130			
Surrogate: Toluene-d8	0.518		0.500		104	70-130			

Matrix Spike (2313054-MS1) Source: E303132-22 Prepared: 03/30/23 Analyzed: 03/31/23

Benzene	2.28	0.0250	2.50	ND	91.1	48-131			
Ethylbenzene	2.33	0.0250	2.50	ND	93.0	45-135			
Toluene	2.33	0.0250	2.50	ND	93.2	48-130			
o-Xylene	2.34	0.0250	2.50	ND	93.7	43-135			
p,m-Xylene	4.67	0.0500	5.00	ND	93.4	43-135			
Total Xylenes	7.01	0.0250	7.50	ND	93.5	43-135			
Surrogate: Bromofluorobenzene	0.494		0.500		98.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.456		0.500		91.1	70-130			
Surrogate: Toluene-d8	0.521		0.500		104	70-130			

Matrix Spike Dup (2313054-MSD1) Source: E303132-22 Prepared: 03/30/23 Analyzed: 03/31/23

Benzene	2.25	0.0250	2.50	ND	90.2	48-131	0.993	23	
Ethylbenzene	2.31	0.0250	2.50	ND	92.2	45-135	0.842	27	
Toluene	2.28	0.0250	2.50	ND	91.2	48-130	2.15	24	
o-Xylene	2.32	0.0250	2.50	ND	92.7	43-135	1.07	27	
p,m-Xylene	4.61	0.0500	5.00	ND	92.1	43-135	1.34	27	
Total Xylenes	6.92	0.0250	7.50	ND	92.3	43-135	1.25	27	
Surrogate: Bromofluorobenzene	0.487		0.500		97.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.475		0.500		94.9	70-130			
Surrogate: Toluene-d8	0.512		0.500		102	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/5/2023 8:56:20AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2313054-BLK1)

Prepared: 03/30/23 Analyzed: 03/31/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.459		0.500		91.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.469		0.500		93.8	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			

LCS (2313054-BS2)

Prepared: 03/30/23 Analyzed: 03/31/23

Gasoline Range Organics (C6-C10)	51.7	20.0	50.0		103	70-130			
Surrogate: Bromofluorobenzene	0.477		0.500		95.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.471		0.500		94.2	70-130			
Surrogate: Toluene-d8	0.519		0.500		104	70-130			

Matrix Spike (2313054-MS2)

Source: E303132-22

Prepared: 03/30/23 Analyzed: 03/31/23

Gasoline Range Organics (C6-C10)	51.6	20.0	50.0	ND	103	70-130			
Surrogate: Bromofluorobenzene	0.486		0.500		97.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.472		0.500		94.3	70-130			
Surrogate: Toluene-d8	0.520		0.500		104	70-130			

Matrix Spike Dup (2313054-MSD2)

Source: E303132-22

Prepared: 03/30/23 Analyzed: 03/31/23

Gasoline Range Organics (C6-C10)	53.2	20.0	50.0	ND	106	70-130	3.08	20	
Surrogate: Bromofluorobenzene	0.482		0.500		96.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.472		0.500		94.3	70-130			
Surrogate: Toluene-d8	0.522		0.500		104	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/5/2023 8:56:20AM

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 (2313070-BLK1)					Prepared: 03/30/23 Analyzed: 03/31/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.6		50.0		103	50-200			

LCS (2313070-BS1)					Prepared: 03/30/23 Analyzed: 03/31/23				
Diesel Range Organics (C10-C28)	268	25.0	250		107	38-132			
Surrogate: n-Nonane	49.2		50.0		98.4	50-200			

Matrix Spike (2313070-MS1)					Source: E303150-03		Prepared: 03/30/23 Analyzed: 03/31/23		
Diesel Range Organics (C10-C28)	712	25.0	250	430	113	38-132			
Surrogate: n-Nonane	50.2		50.0		100	50-200			

Matrix Spike Dup (2313070-MSD1)					Source: E303150-03		Prepared: 03/30/23 Analyzed: 03/31/23		
Diesel Range Organics (C10-C28)	750	25.0	250	430	128	38-132	5.10	20	
Surrogate: n-Nonane	50.2		50.0		100	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/5/2023 8:56:20AM

Anions by EPA 300.0/9056A

Analyst: BA

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

Blank (2313092-BLK1)					Prepared: 03/31/23 Analyzed: 04/01/23				
Chloride	ND	20.0							
LCS (2313092-BS1)					Prepared: 03/31/23 Analyzed: 04/01/23				
Chloride	266	20.0	250		107	90-110			
Matrix Spike (2313092-MS1)					Source: E303132-21		Prepared: 03/31/23 Analyzed: 04/01/23		
Chloride	574	20.0	250	289	114	80-120			
Matrix Spike Dup (2313092-MSD1)					Source: E303132-21		Prepared: 03/31/23 Analyzed: 04/01/23		
Chloride	574	20.0	250	289	114	80-120	0.127	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:	Laguna Salado South #1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	04/05/23 08:56

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

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

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




Project Information

Chain of Custody

Page 1 of 2

Client: Pima Environmental Services Project: <u>Laguna Salado South #1</u> Project Manager: Tom Bynum Address: 5614 N. Lovington Hwy. City, State, Zip: Hobbs, NM, 88240 Phone: 580-748-1613 Email: tom@pimaoil.com Report due by:					Bill To Attention: <u>Devon</u> Address: City, State, Zip Phone: Email: Pima Project # <u>1-275</u>					Lab Use Only Lab WO# <u>E303133</u> Job Number <u>0058-0007</u> Analysis and Method					TAT 1D 2D 3D Standard <input checked="" type="checkbox"/>				EPA Program CWA SDWA RCRA	
										State NM CO UT AZ TX <input checked="" type="checkbox"/>										
										DRO/ORO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX				Remarks						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number															
8:00	3/28/23	S	1	N1-1'	1															
8:05				N1-3'	2															
8:10				N1-4'	3															
8:15				N2-1'	4															
8:20				N2-3'	5															
8:25				N2-4'	6															
8:30				N3-1'	7															
8:35				N3-3'	8															
8:40				N3-4'	9															
8:45				BG1-1'	10															
Additional Instructions: <u>Billing #: 21136158</u>																				
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																				
Relinquished by: (Signature) <u>AB</u> Date <u>3-29-23</u> Time <u>2:00</u> Received by: (Signature) <u>Michelle Kemp</u> Date <u>3-29-23</u> Time <u>1400</u>																				
Relinquished by: (Signature) <u>Michelle Kemp</u> Date <u>3-29-23</u> Time <u>1715</u> Received by: (Signature) <u>Lorena Lee</u> Date <u>3-29-23</u> Time <u>1730</u>																				
Relinquished by: (Signature) <u>Lorena Lee</u> Date <u>3-29-23</u> Time <u>2315</u> Received by: (Signature) <u>Jene Zitz</u> Date <u>03/30/23</u> Time <u>7:00</u>																				
Sample Matrix: <u>S</u> - Soil, <u>Sd</u> - Solid, <u>Sg</u> - Sludge, <u>A</u> - Aqueous, <u>O</u> - Other																				
Container Type: <u>g</u> - glass, <u>p</u> - poly/plastic, <u>ag</u> - amber glass, <u>v</u> - VOA																				
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																				


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Project Information


Chain of Custody

Page 2 of 2

Client: Pima Environmental Services Project: <u>Laguna Sajo South #1</u> Project Manager: Tom Bynum Address: 5614 N. Lovington Hwy. City, State, Zip: Hobbs, NM, 88240 Phone: 580-748-1613 Email: tom@pimaoil.com Report due by:					Bill To Attention: <u>Devon</u> Address: City, State, Zip: Phone: Email: Pima Project #					Lab Use Only Lab WO# <u>E 303133</u> Job Number <u>01058-0007</u> Analysis and Method					TAT 1D 2D 3D Standard <u>X</u>				EPA Program CWA SDWA RCRA	
														State NM CO UT AZ TX <u>X</u>						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks						
8:50	3/28/23	S	1	BG1-3'	11							X								
8:55	↓	↓	↓	BG1-4'	12							↓								

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.						Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 5 °C on subsequent days.					
Relinquished by: (Signature) <u>AB</u> Date: <u>3-29-23</u> Time: <u>2:00</u>						Received by: (Signature) <u>Audriana Benardiz</u> Date: <u>3-29-23</u> Time: <u>1400</u>					
Relinquished by: (Signature) <u>Michelle Cuyals</u> Date: <u>3-29-23</u> Time: <u>1715</u>						Received by: (Signature) <u>Lorena Fer</u> Date: <u>3-29-23</u> Time: <u>1730</u>					
Relinquished by: (Signature) <u>Lorena Fer</u> Date: <u>3-29-23</u> Time: <u>2315</u>						Received by: (Signature) <u>Ornela Zozzi</u> Date: <u>03/30/23</u> Time: <u>7:00</u>					
Sample Matrix: <u>S</u> - Soil/Sd - Solid, Sg - Sludge, A - Aqueous, O - Other						Container Type: <u>g</u> - glass, <u>p</u> - poly/plastic, <u>ag</u> - amber glass, <u>v</u> - VOA					
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.											


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Envirotech Analytical Laboratory

Printed: 3/30/2023 10:57:48AM

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:	03/30/23 07:00	Work Order ID:	E303133
Phone:	(575) 631-6977	Date Logged In:	03/29/23 16:15	Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	04/05/23 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
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:
Tom Bynum



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Laguna Salado South #1

Work Order: E407125

Job Number: 01058-0007

Received: 7/17/2024

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/17/24

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: 7/17/24

Tom Bynum
PO Box 247
Plains, TX 79355-0247



Project Name: Laguna Salado South #1
Workorder: E407125
Date Received: 7/17/2024 6:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/17/2024 6:00:00AM, under the Project Name: Laguna Salado South #1.

The analytical test results summarized in this report with the Project Name: Laguna Salado South #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,

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

Raina Schwanz
Laboratory Administrator
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Client Representative
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	07/17/24 16:52

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CP1-3.5'	E407125-01A	Soil	07/15/24	07/17/24	Glass Jar, 2 oz.
CP2 3.5'	E407125-02A	Soil	07/15/24	07/17/24	Glass Jar, 2 oz.
CP3-3.5'	E407125-03A	Soil	07/15/24	07/17/24	Glass Jar, 2 oz.
CPW1-3.5'	E407125-04A	Soil	07/15/24	07/17/24	Glass Jar, 2 oz.



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
7/17/2024 4:52:49PM

CPI-3.5'

E407125-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2429045	
Benzene	ND	0.0250	1	07/16/24	07/17/24	
Ethylbenzene	ND	0.0250	1	07/16/24	07/17/24	
Toluene	ND	0.0250	1	07/16/24	07/17/24	
o-Xylene	ND	0.0250	1	07/16/24	07/17/24	
p,m-Xylene	ND	0.0500	1	07/16/24	07/17/24	
Total Xylenes	ND	0.0250	1	07/16/24	07/17/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.4 %	70-130	07/16/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2429045	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/16/24	07/17/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		107 %	70-130	07/16/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2429036	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/17/24	07/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/17/24	07/17/24	
<i>Surrogate: n-Nonane</i>		81.6 %	50-200	07/17/24	07/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2429038	
Chloride	276	20.0	1	07/17/24	07/17/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Reported: 7/17/2024 4:52:49PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CP2 3.5'

E407125-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2429045	
Benzene	ND	0.0250	1	07/16/24	07/17/24	
Ethylbenzene	ND	0.0250	1	07/16/24	07/17/24	
Toluene	ND	0.0250	1	07/16/24	07/17/24	
o-Xylene	ND	0.0250	1	07/16/24	07/17/24	
p,m-Xylene	ND	0.0500	1	07/16/24	07/17/24	
Total Xylenes	ND	0.0250	1	07/16/24	07/17/24	
Surrogate: 4-Bromochlorobenzene-PID	91.6 %	70-130		07/16/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2429045	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/16/24	07/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	107 %	70-130		07/16/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2429036	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/17/24	07/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/17/24	07/17/24	
Surrogate: n-Nonane	83.0 %	50-200		07/17/24	07/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2429038	
Chloride	916	20.0	1	07/17/24	07/17/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Reported: 7/17/2024 4:52:49PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CP3-3.5'

E407125-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2429045	
Benzene	ND	0.0250	1	07/16/24	07/17/24	
Ethylbenzene	ND	0.0250	1	07/16/24	07/17/24	
Toluene	ND	0.0250	1	07/16/24	07/17/24	
o-Xylene	ND	0.0250	1	07/16/24	07/17/24	
p,m-Xylene	ND	0.0500	1	07/16/24	07/17/24	
Total Xylenes	ND	0.0250	1	07/16/24	07/17/24	
Surrogate: 4-Bromochlorobenzene-PID	91.6 %	70-130		07/16/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2429045	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/16/24	07/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	106 %	70-130		07/16/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2429036	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/17/24	07/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/17/24	07/17/24	
Surrogate: n-Nonane	105 %	50-200		07/17/24	07/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2429038	
Chloride	717	40.0	2	07/17/24	07/17/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Reported: 7/17/2024 4:52:49PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CPW1-3.5'
E407125-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2429045	
Benzene	ND	0.0250	1	07/16/24	07/17/24	
Ethylbenzene	ND	0.0250	1	07/16/24	07/17/24	
Toluene	ND	0.0250	1	07/16/24	07/17/24	
o-Xylene	ND	0.0250	1	07/16/24	07/17/24	
p,m-Xylene	ND	0.0500	1	07/16/24	07/17/24	
Total Xylenes	ND	0.0250	1	07/16/24	07/17/24	
Surrogate: 4-Bromochlorobenzene-PID	91.4 %	70-130		07/16/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2429045	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/16/24	07/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	105 %	70-130		07/16/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2429036	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/17/24	07/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/17/24	07/17/24	
Surrogate: n-Nonane	96.1 %	50-200		07/17/24	07/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2429038	
Chloride	495	20.0	1	07/17/24	07/17/24	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Reported: 7/17/2024 4:52:49PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2429045-BLK1)

Prepared: 07/16/24 Analyzed: 07/17/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.29		8.00		91.1	70-130			

LCS (2429045-BS1)

Prepared: 07/16/24 Analyzed: 07/17/24

Benzene	4.94	0.0250	5.00		98.7	70-130			
Ethylbenzene	4.76	0.0250	5.00		95.3	70-130			
Toluene	4.88	0.0250	5.00		97.7	70-130			
o-Xylene	4.77	0.0250	5.00		95.4	70-130			
p,m-Xylene	9.65	0.0500	10.0		96.5	70-130			
Total Xylenes	14.4	0.0250	15.0		96.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.38		8.00		92.2	70-130			

LCS Dup (2429045-BSD1)

Prepared: 07/16/24 Analyzed: 07/17/24

Benzene	4.88	0.0250	5.00		97.5	70-130	1.23	20	
Ethylbenzene	4.70	0.0250	5.00		94.0	70-130	1.40	20	
Toluene	4.82	0.0250	5.00		96.4	70-130	1.27	20	
o-Xylene	4.70	0.0250	5.00		93.9	70-130	1.49	20	
p,m-Xylene	9.51	0.0500	10.0		95.1	70-130	1.48	20	
Total Xylenes	14.2	0.0250	15.0		94.7	70-130	1.48	20	
Surrogate: 4-Bromochlorobenzene-PID	7.28		8.00		91.1	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/17/2024 4:52:49PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2429045-BLK1) Prepared: 07/16/24 Analyzed: 07/17/24

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

LCS (2429045-BS2) Prepared: 07/16/24 Analyzed: 07/17/24

Gasoline Range Organics (C6-C10)	48.1	20.0	50.0		96.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.73		8.00		96.6	70-130			

LCS Dup (2429045-BSD2) Prepared: 07/16/24 Analyzed: 07/17/24

Gasoline Range Organics (C6-C10)	45.3	20.0	50.0		90.5	70-130	6.08	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.65		8.00		95.7	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/17/2024 4:52:49PM

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 (2429036-BLK1)					Prepared: 07/16/24 Analyzed: 07/17/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	57.5		50.0		115	50-200			

LCS (2429036-BS1)					Prepared: 07/16/24 Analyzed: 07/17/24				
Diesel Range Organics (C10-C28)	249	25.0	250		99.6	38-132			
Surrogate: n-Nonane	60.4		50.0		121	50-200			

LCS Dup (2429036-BSD1)					Prepared: 07/16/24 Analyzed: 07/17/24				
Diesel Range Organics (C10-C28)	239	25.0	250		95.4	38-132	4.22	20	
Surrogate: n-Nonane	57.6		50.0		115	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/17/2024 4:52:49PM

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 (2429038-BLK1)					Prepared: 07/16/24 Analyzed: 07/16/24				
Chloride	ND	20.0							
LCS (2429038-BS1)					Prepared: 07/16/24 Analyzed: 07/16/24				
Chloride	254	20.0	250		102	90-110			
LCS Dup (2429038-BSD1)					Prepared: 07/16/24 Analyzed: 07/16/24				
Chloride	254	20.0	250		102	90-110	0.0354	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:	Laguna Salado South #1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	07/17/24 16:52

- 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.





Envirotech Analytical Laboratory

Printed: 7/17/2024 12:53:12PM

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:	07/17/24 06:00	Work Order ID:	E407125
Phone:	(575) 631-6977	Date Logged In:	07/16/24 15:23	Logged In By:	Alexa Michaels
Email:	tom@pimaoil.com	Due Date:	07/17/24 17:00 (0 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CouierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Tom Bynum



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Laguna Salado South #1

Work Order: E407126

Job Number: 01058-0007

Received: 7/17/2024

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/17/24

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.
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Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 7/17/24

Tom Bynum
PO Box 247
Plains, TX 79355-0247



Project Name: Laguna Salado South #1
Workorder: E407126
Date Received: 7/17/2024 6:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/17/2024 6:00:00AM, under the Project Name: Laguna Salado South #1.

The analytical test results summarized in this report with the Project Name: Laguna Salado South #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,

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

Raina Schwanz
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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	07/17/24 16:50

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CN1-3.5'	E407126-01A	Soil	07/15/24	07/17/24	Glass Jar, 2 oz.
CN2-3.5'	E407126-02A	Soil	07/15/24	07/17/24	Glass Jar, 2 oz.
CNW1-3.5'	E407126-03A	Soil	07/15/24	07/17/24	Glass Jar, 2 oz.



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
7/17/2024 4:50:37PM

CN1-3.5'

E407126-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2429048	
Benzene	ND	0.0250	1	07/16/24	07/17/24	
Ethylbenzene	ND	0.0250	1	07/16/24	07/17/24	
Toluene	ND	0.0250	1	07/16/24	07/17/24	
o-Xylene	ND	0.0250	1	07/16/24	07/17/24	
p,m-Xylene	ND	0.0500	1	07/16/24	07/17/24	
Total Xylenes	ND	0.0250	1	07/16/24	07/17/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	88.2 %	70-130		07/16/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2429048	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/16/24	07/17/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	96.7 %	70-130		07/16/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2429036	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/17/24	07/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/17/24	07/17/24	
<i>Surrogate: n-Nonane</i>	102 %	50-200		07/17/24	07/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2429039	
Chloride	6980	400	20	07/17/24	07/17/24	



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
7/17/2024 4:50:37PM

CN2-3.5'

E407126-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2429048	
Benzene	ND	0.0250	1	07/16/24	07/17/24	
Ethylbenzene	ND	0.0250	1	07/16/24	07/17/24	
Toluene	ND	0.0250	1	07/16/24	07/17/24	
o-Xylene	ND	0.0250	1	07/16/24	07/17/24	
p,m-Xylene	ND	0.0500	1	07/16/24	07/17/24	
Total Xylenes	ND	0.0250	1	07/16/24	07/17/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.8 %	70-130		07/16/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2429048	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/16/24	07/17/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.6 %	70-130		07/16/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2429036	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/17/24	07/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/17/24	07/17/24	
<i>Surrogate: n-Nonane</i>						
	82.4 %	50-200		07/17/24	07/17/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2429039	
Chloride	3740	200	10	07/17/24	07/17/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Laguna Salado South #1 Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 7/17/2024 4:50:37PM
-----------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------	----------------------------------

CNW1-3.5'
E407126-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2429048	
Benzene	ND	0.0250	1	07/16/24	07/17/24	
Ethylbenzene	ND	0.0250	1	07/16/24	07/17/24	
Toluene	ND	0.0250	1	07/16/24	07/17/24	
o-Xylene	ND	0.0250	1	07/16/24	07/17/24	
p,m-Xylene	ND	0.0500	1	07/16/24	07/17/24	
Total Xylenes	ND	0.0250	1	07/16/24	07/17/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.9 %	70-130		07/16/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2429048	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/16/24	07/17/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.7 %	70-130		07/16/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2429036	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/17/24	07/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/17/24	07/17/24	
<i>Surrogate: n-Nonane</i>						
	111 %	50-200		07/17/24	07/17/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2429039	
Chloride	4770	100	5	07/17/24	07/17/24	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/17/2024 4:50:37PM

Volatile Organics by EPA 8021B

Analyst: BA

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

Blank (2429048-BLK1)

Prepared: 07/16/24 Analyzed: 07/17/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.48		8.00		93.4	70-130			

LCS (2429048-BS1)

Prepared: 07/16/24 Analyzed: 07/17/24

Benzene	5.32	0.0250	5.00		106	70-130			
Ethylbenzene	4.97	0.0250	5.00		99.4	70-130			
Toluene	5.24	0.0250	5.00		105	70-130			
o-Xylene	5.11	0.0250	5.00		102	70-130			
p,m-Xylene	10.2	0.0500	10.0		102	70-130			
Total Xylenes	15.3	0.0250	15.0		102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.53		8.00		94.1	70-130			

LCS Dup (2429048-BSD1)

Prepared: 07/16/24 Analyzed: 07/17/24

Benzene	5.25	0.0250	5.00		105	70-130	1.38	20	
Ethylbenzene	4.91	0.0250	5.00		98.3	70-130	1.18	20	
Toluene	5.18	0.0250	5.00		104	70-130	1.25	20	
o-Xylene	5.06	0.0250	5.00		101	70-130	1.08	20	
p,m-Xylene	10.1	0.0500	10.0		101	70-130	1.10	20	
Total Xylenes	15.1	0.0250	15.0		101	70-130	1.09	20	
Surrogate: 4-Bromochlorobenzene-PID	7.53		8.00		94.1	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Reported: 7/17/2024 4:50:37PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2429048-BLK1)					Prepared: 07/16/24 Analyzed: 07/17/24				
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.49		8.00		106	70-130			

LCS (2429048-BS2)					Prepared: 07/16/24 Analyzed: 07/17/24				
Gasoline Range Organics (C6-C10)	50.8	20.0	50.0		102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.64		8.00		108	70-130			

LCS Dup (2429048-BSD2)					Prepared: 07/16/24 Analyzed: 07/17/24				
Gasoline Range Organics (C6-C10)	51.6	20.0	50.0		103	70-130	1.48	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.64		8.00		108	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/17/2024 4:50:37PM

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 (2429036-BLK1) Prepared: 07/16/24 Analyzed: 07/17/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	57.5		50.0		115	50-200			

LCS (2429036-BS1) Prepared: 07/16/24 Analyzed: 07/17/24

Diesel Range Organics (C10-C28)	249	25.0	250		99.6	38-132			
Surrogate: n-Nonane	60.4		50.0		121	50-200			

LCS Dup (2429036-BSD1) Prepared: 07/16/24 Analyzed: 07/17/24

Diesel Range Organics (C10-C28)	239	25.0	250		95.4	38-132	4.22	20	
Surrogate: n-Nonane	57.6		50.0		115	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/17/2024 4:50:37PM

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 (2429039-BLK1)					Prepared: 07/16/24 Analyzed: 07/16/24				
Chloride	ND	20.0							
LCS (2429039-BS1)					Prepared: 07/16/24 Analyzed: 07/16/24				
Chloride	252	20.0	250		101	90-110			
LCS Dup (2429039-BSD1)					Prepared: 07/16/24 Analyzed: 07/16/24				
Chloride	251	20.0	250		100	90-110	0.685	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:	Laguna Salado South #1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	07/17/24 16:50

- ND

Analyte NOT DETECTED at or above the reporting limit
- NR

Not Reported
- RPD

Relative Percent Difference
- DNI

Did Not Ignite
- DNR

Did not react with the addition of acid or base.
- Note (1):

Methods marked with ** are non-accredited methods.
- Note (2):

Soil data is reported on an "as received" weight basis, unless reported otherwise.

Project Information

Chain of Custody

Page 1 of 1

Client: Pima Environmental Services					Bill To		Lab Use Only				TAT				EPA Program			
Project: Laguna Salado South #1					Attention: Devon Energy		Lab WO#		Job Number		1D	2D	3D	Standard	CWA	SDWA		
Project Manager: Tom Bynum					Address:		E 407126		01058-0007		X							
Address: 5614 N. Lovington Hwy.					City, State, Zip		Analysis and Method										RCRA	
City, State, Zip Hobbs, NM, 88240					Phone:		DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0						
Phone: 806-782-1151					Email:													
Email: tom@pimaoil.com					Pima Project # 1-275-1 (nAB1506157520)													
Report due by:																		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number													
12:06	7/15/2024	S	1	CN1-3.5'	1													
12:17	7/15/2024	S	1	CN2-3.5'	2													
12:29	7/15/2024	S	1	CNW1-3.5'	3													
Additional Instructions: Work Order/Billing: 21136158																		
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.								
Sampled by:																		
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only										
Kerime Ademe		7/16/24	1:25	Michelle Gonzales		7-16-24	1325	Received on ice: Y / N										
Michelle Gonzales		7-16-24	1545	L.M.		7-16-24	1645	T1 T2 T3										
L.M.		7-16-24	2230	Kathryn R Heeler		7-17-24	0600	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: 7/17/2024 12:56:06PM

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:	07/17/24 06:00	Work Order ID:	E407126
Phone:	(575) 631-6977	Date Logged In:	07/16/24 15:24	Logged In By:	Alexa Michaels
Email:	tom@pimaoil.com	Due Date:	07/17/24 17:00 (0 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CouierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Tom Bynum



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Laguna Salado South #001

Work Order: E409125

Job Number: 01058-0007

Received: 9/17/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/19/24

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: 9/19/24



Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Laguna Salado South #001
Workorder: E409125
Date Received: 9/17/2024 5:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/17/2024 5:00:00AM, under the Project Name: Laguna Salado South #001.

The analytical test results summarized in this report with the Project Name: Laguna Salado South #001 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

Envirotech Web Address: www.envirotech-inc.com

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Labs Associated with nAB1506157520

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #001	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	09/19/24 16:40

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BG North - Surface	E409125-01A	Soil	09/13/24	09/17/24	Glass Jar, 2 oz.
BG North - 1'	E409125-02A	Soil	09/13/24	09/17/24	Glass Jar, 2 oz.
BG North - 2'	E409125-03A	Soil	09/13/24	09/17/24	Glass Jar, 2 oz.
BG North - 3'	E409125-04A	Soil	09/13/24	09/17/24	Glass Jar, 2 oz.
BG North - 4'	E409125-05A	Soil	09/13/24	09/17/24	Glass Jar, 2 oz.
BG East - Surface	E409125-06A	Soil	09/13/24	09/17/24	Glass Jar, 2 oz.
BG East - 1'	E409125-07A	Soil	09/13/24	09/17/24	Glass Jar, 2 oz.
BG East - 2'	E409125-08A	Soil	09/13/24	09/17/24	Glass Jar, 2 oz.
BG East - 3'	E409125-09A	Soil	09/13/24	09/17/24	Glass Jar, 2 oz.
BG East - 4'	E409125-10A	Soil	09/13/24	09/17/24	Glass Jar, 2 oz.
1-Surface	E409125-11A	Soil	09/13/24	09/17/24	Glass Jar, 2 oz.
1-1'	E409125-12A	Soil	09/13/24	09/17/24	Glass Jar, 2 oz.
1-2'	E409125-13A	Soil	09/13/24	09/17/24	Glass Jar, 2 oz.
1-3'	E409125-14A	Soil	09/13/24	09/17/24	Glass Jar, 2 oz.
1-4'	E409125-15A	Soil	09/13/24	09/17/24	Glass Jar, 2 oz.
2-Surface	E409125-16A	Soil	09/13/24	09/17/24	Glass Jar, 2 oz.
2-1'	E409125-17A	Soil	09/13/24	09/17/24	Glass Jar, 2 oz.
2-2'	E409125-18A	Soil	09/13/24	09/17/24	Glass Jar, 2 oz.
2-3'	E409125-19A	Soil	09/13/24	09/17/24	Glass Jar, 2 oz.
2-4'	E409125-20A	Soil	09/13/24	09/17/24	Glass Jar, 2 oz.



Sample Data

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

Project Name: Laguna Salado South #001
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
9/19/2024 4:40:07PM

BG North - Surface

E409125-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2438028
Benzene	ND	0.0250	1	09/17/24	09/17/24	
Ethylbenzene	ND	0.0250	1	09/17/24	09/17/24	
Toluene	ND	0.0250	1	09/17/24	09/17/24	
o-Xylene	ND	0.0250	1	09/17/24	09/17/24	
p,m-Xylene	ND	0.0500	1	09/17/24	09/17/24	
Total Xylenes	ND	0.0250	1	09/17/24	09/17/24	
<i>Surrogate: Bromofluorobenzene</i>		88.4 %	70-130	09/17/24	09/17/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.9 %	70-130	09/17/24	09/17/24	
<i>Surrogate: Toluene-d8</i>		98.2 %	70-130	09/17/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2438028
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/24	09/17/24	
<i>Surrogate: Bromofluorobenzene</i>		88.4 %	70-130	09/17/24	09/17/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.9 %	70-130	09/17/24	09/17/24	
<i>Surrogate: Toluene-d8</i>		98.2 %	70-130	09/17/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2438023
Diesel Range Organics (C10-C28)	46.2	25.0	1	09/17/24	09/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/17/24	09/18/24	
<i>Surrogate: n-Nonane</i>		90.2 %	50-200	09/17/24	09/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2438031
Chloride	16500	400	20	09/17/24	09/17/24	



Sample Data

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

Project Name: Laguna Salado South #001
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
9/19/2024 4:40:07PM

BG North - 1'

E409125-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2438028
Benzene	ND	0.0250	1	09/17/24	09/17/24	
Ethylbenzene	ND	0.0250	1	09/17/24	09/17/24	
Toluene	ND	0.0250	1	09/17/24	09/17/24	
o-Xylene	ND	0.0250	1	09/17/24	09/17/24	
p,m-Xylene	ND	0.0500	1	09/17/24	09/17/24	
Total Xylenes	ND	0.0250	1	09/17/24	09/17/24	
Surrogate: Bromofluorobenzene	89.6 %	70-130		09/17/24	09/17/24	
Surrogate: 1,2-Dichloroethane-d4	97.8 %	70-130		09/17/24	09/17/24	
Surrogate: Toluene-d8	99.3 %	70-130		09/17/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2438028
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/24	09/17/24	
Surrogate: Bromofluorobenzene	89.6 %	70-130		09/17/24	09/17/24	
Surrogate: 1,2-Dichloroethane-d4	97.8 %	70-130		09/17/24	09/17/24	
Surrogate: Toluene-d8	99.3 %	70-130		09/17/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2438023
Diesel Range Organics (C10-C28)	ND	25.0	1	09/17/24	09/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/17/24	09/18/24	
Surrogate: n-Nonane	88.0 %	50-200		09/17/24	09/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2438031
Chloride	14100	400	20	09/17/24	09/17/24	



Sample Data

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

Project Name: Laguna Salado South #001
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
9/19/2024 4:40:07PM

BG North - 2'

E409125-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2438028
Benzene	ND	0.0250	1	09/17/24	09/17/24	
Ethylbenzene	ND	0.0250	1	09/17/24	09/17/24	
Toluene	ND	0.0250	1	09/17/24	09/17/24	
o-Xylene	ND	0.0250	1	09/17/24	09/17/24	
p,m-Xylene	ND	0.0500	1	09/17/24	09/17/24	
Total Xylenes	ND	0.0250	1	09/17/24	09/17/24	
Surrogate: Bromofluorobenzene	88.6 %	70-130		09/17/24	09/17/24	
Surrogate: 1,2-Dichloroethane-d4	95.5 %	70-130		09/17/24	09/17/24	
Surrogate: Toluene-d8	97.1 %	70-130		09/17/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2438028
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/24	09/17/24	
Surrogate: Bromofluorobenzene	88.6 %	70-130		09/17/24	09/17/24	
Surrogate: 1,2-Dichloroethane-d4	95.5 %	70-130		09/17/24	09/17/24	
Surrogate: Toluene-d8	97.1 %	70-130		09/17/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2438023
Diesel Range Organics (C10-C28)	ND	25.0	1	09/17/24	09/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/17/24	09/18/24	
Surrogate: n-Nonane	87.4 %	50-200		09/17/24	09/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2438031
Chloride	13200	400	20	09/17/24	09/17/24	



Sample Data

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

Project Name: Laguna Salado South #001
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
9/19/2024 4:40:07PM

BG North - 3'

E409125-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2438028
Benzene	ND	0.0250	1	09/17/24	09/18/24	
Ethylbenzene	ND	0.0250	1	09/17/24	09/18/24	
Toluene	ND	0.0250	1	09/17/24	09/18/24	
o-Xylene	ND	0.0250	1	09/17/24	09/18/24	
p,m-Xylene	ND	0.0500	1	09/17/24	09/18/24	
Total Xylenes	ND	0.0250	1	09/17/24	09/18/24	
Surrogate: Bromofluorobenzene	88.0 %	70-130		09/17/24	09/18/24	
Surrogate: 1,2-Dichloroethane-d4	92.1 %	70-130		09/17/24	09/18/24	
Surrogate: Toluene-d8	97.7 %	70-130		09/17/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2438028
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/24	09/18/24	
Surrogate: Bromofluorobenzene	88.0 %	70-130		09/17/24	09/18/24	
Surrogate: 1,2-Dichloroethane-d4	92.1 %	70-130		09/17/24	09/18/24	
Surrogate: Toluene-d8	97.7 %	70-130		09/17/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2438023
Diesel Range Organics (C10-C28)	ND	25.0	1	09/17/24	09/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/17/24	09/18/24	
Surrogate: n-Nonane	84.8 %	50-200		09/17/24	09/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2438031
Chloride	13100	400	20	09/17/24	09/17/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #001	Reported: 9/19/2024 4:40:07PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

BG North - 4'
E409125-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2438028
Benzene	ND	0.0250	1	09/17/24	09/18/24	
Ethylbenzene	ND	0.0250	1	09/17/24	09/18/24	
Toluene	ND	0.0250	1	09/17/24	09/18/24	
o-Xylene	ND	0.0250	1	09/17/24	09/18/24	
p,m-Xylene	ND	0.0500	1	09/17/24	09/18/24	
Total Xylenes	ND	0.0250	1	09/17/24	09/18/24	
Surrogate: Bromofluorobenzene	86.7 %	70-130		09/17/24	09/18/24	
Surrogate: 1,2-Dichloroethane-d4	92.8 %	70-130		09/17/24	09/18/24	
Surrogate: Toluene-d8	99.1 %	70-130		09/17/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2438028
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/24	09/18/24	
Surrogate: Bromofluorobenzene	86.7 %	70-130		09/17/24	09/18/24	
Surrogate: 1,2-Dichloroethane-d4	92.8 %	70-130		09/17/24	09/18/24	
Surrogate: Toluene-d8	99.1 %	70-130		09/17/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2438023
Diesel Range Organics (C10-C28)	ND	25.0	1	09/17/24	09/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/17/24	09/18/24	
Surrogate: n-Nonane	85.3 %	50-200		09/17/24	09/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2438031
Chloride	12700	400	20	09/17/24	09/17/24	



Sample Data

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

Project Name: Laguna Salado South #001
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
9/19/2024 4:40:07PM

BG East - Surface

E409125-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2438028
Benzene	ND	0.0250	1	09/17/24	09/18/24	
Ethylbenzene	ND	0.0250	1	09/17/24	09/18/24	
Toluene	ND	0.0250	1	09/17/24	09/18/24	
o-Xylene	ND	0.0250	1	09/17/24	09/18/24	
p,m-Xylene	ND	0.0500	1	09/17/24	09/18/24	
Total Xylenes	ND	0.0250	1	09/17/24	09/18/24	
Surrogate: Bromofluorobenzene	89.5 %	70-130		09/17/24	09/18/24	
Surrogate: 1,2-Dichloroethane-d4	92.7 %	70-130		09/17/24	09/18/24	
Surrogate: Toluene-d8	98.0 %	70-130		09/17/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2438028
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/24	09/18/24	
Surrogate: Bromofluorobenzene	89.5 %	70-130		09/17/24	09/18/24	
Surrogate: 1,2-Dichloroethane-d4	92.7 %	70-130		09/17/24	09/18/24	
Surrogate: Toluene-d8	98.0 %	70-130		09/17/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2438023
Diesel Range Organics (C10-C28)	ND	25.0	1	09/17/24	09/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/17/24	09/18/24	
Surrogate: n-Nonane	84.7 %	50-200		09/17/24	09/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2438031
Chloride	16300	400	20	09/17/24	09/17/24	



Sample Data

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

Project Name: Laguna Salado South #001
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
9/19/2024 4:40:07PM

BG East - 1'

E409125-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2438028
Benzene	ND	0.0250	1	09/17/24	09/18/24	
Ethylbenzene	ND	0.0250	1	09/17/24	09/18/24	
Toluene	ND	0.0250	1	09/17/24	09/18/24	
o-Xylene	ND	0.0250	1	09/17/24	09/18/24	
p,m-Xylene	ND	0.0500	1	09/17/24	09/18/24	
Total Xylenes	ND	0.0250	1	09/17/24	09/18/24	
Surrogate: Bromofluorobenzene	84.9 %	70-130		09/17/24	09/18/24	
Surrogate: 1,2-Dichloroethane-d4	95.8 %	70-130		09/17/24	09/18/24	
Surrogate: Toluene-d8	98.3 %	70-130		09/17/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2438028
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/24	09/18/24	
Surrogate: Bromofluorobenzene	84.9 %	70-130		09/17/24	09/18/24	
Surrogate: 1,2-Dichloroethane-d4	95.8 %	70-130		09/17/24	09/18/24	
Surrogate: Toluene-d8	98.3 %	70-130		09/17/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2438023
Diesel Range Organics (C10-C28)	ND	25.0	1	09/17/24	09/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/17/24	09/18/24	
Surrogate: n-Nonane	80.2 %	50-200		09/17/24	09/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2438031
Chloride	9850	200	10	09/17/24	09/17/24	



Sample Data

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

Project Name: Laguna Salado South #001
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
9/19/2024 4:40:07PM

BG East - 2'

E409125-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2438028
Benzene	ND	0.0250	1	09/17/24	09/18/24	
Ethylbenzene	ND	0.0250	1	09/17/24	09/18/24	
Toluene	ND	0.0250	1	09/17/24	09/18/24	
o-Xylene	ND	0.0250	1	09/17/24	09/18/24	
p,m-Xylene	ND	0.0500	1	09/17/24	09/18/24	
Total Xylenes	ND	0.0250	1	09/17/24	09/18/24	
Surrogate: Bromofluorobenzene	87.0 %	70-130		09/17/24	09/18/24	
Surrogate: 1,2-Dichloroethane-d4	97.4 %	70-130		09/17/24	09/18/24	
Surrogate: Toluene-d8	100 %	70-130		09/17/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2438028
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/24	09/18/24	
Surrogate: Bromofluorobenzene	87.0 %	70-130		09/17/24	09/18/24	
Surrogate: 1,2-Dichloroethane-d4	97.4 %	70-130		09/17/24	09/18/24	
Surrogate: Toluene-d8	100 %	70-130		09/17/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2438023
Diesel Range Organics (C10-C28)	ND	25.0	1	09/17/24	09/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/17/24	09/18/24	
Surrogate: n-Nonane	89.5 %	50-200		09/17/24	09/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2438031
Chloride	12900	400	20	09/17/24	09/17/24	



Sample Data

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

Project Name: Laguna Salado South #001
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
9/19/2024 4:40:07PM

BG East - 3'

E409125-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2438028
Benzene	ND	0.0250	1	09/17/24	09/18/24	
Ethylbenzene	ND	0.0250	1	09/17/24	09/18/24	
Toluene	ND	0.0250	1	09/17/24	09/18/24	
o-Xylene	ND	0.0250	1	09/17/24	09/18/24	
p,m-Xylene	ND	0.0500	1	09/17/24	09/18/24	
Total Xylenes	ND	0.0250	1	09/17/24	09/18/24	
Surrogate: Bromofluorobenzene	87.2 %	70-130		09/17/24	09/18/24	
Surrogate: 1,2-Dichloroethane-d4	94.4 %	70-130		09/17/24	09/18/24	
Surrogate: Toluene-d8	97.3 %	70-130		09/17/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2438028
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/24	09/18/24	
Surrogate: Bromofluorobenzene	87.2 %	70-130		09/17/24	09/18/24	
Surrogate: 1,2-Dichloroethane-d4	94.4 %	70-130		09/17/24	09/18/24	
Surrogate: Toluene-d8	97.3 %	70-130		09/17/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2438023
Diesel Range Organics (C10-C28)	ND	25.0	1	09/17/24	09/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/17/24	09/18/24	
Surrogate: n-Nonane	86.3 %	50-200		09/17/24	09/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2438031
Chloride	12900	400	20	09/17/24	09/17/24	



Sample Data

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

Project Name: Laguna Salado South #001
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
9/19/2024 4:40:07PM

BG East - 4'

E409125-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2438028
Benzene	ND	0.0250	1	09/17/24	09/18/24	
Ethylbenzene	ND	0.0250	1	09/17/24	09/18/24	
Toluene	ND	0.0250	1	09/17/24	09/18/24	
o-Xylene	ND	0.0250	1	09/17/24	09/18/24	
p,m-Xylene	ND	0.0500	1	09/17/24	09/18/24	
Total Xylenes	ND	0.0250	1	09/17/24	09/18/24	
Surrogate: Bromofluorobenzene	86.8 %	70-130		09/17/24	09/18/24	
Surrogate: 1,2-Dichloroethane-d4	97.7 %	70-130		09/17/24	09/18/24	
Surrogate: Toluene-d8	99.3 %	70-130		09/17/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2438028
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/24	09/18/24	
Surrogate: Bromofluorobenzene	86.8 %	70-130		09/17/24	09/18/24	
Surrogate: 1,2-Dichloroethane-d4	97.7 %	70-130		09/17/24	09/18/24	
Surrogate: Toluene-d8	99.3 %	70-130		09/17/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2438023
Diesel Range Organics (C10-C28)	ND	25.0	1	09/17/24	09/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/17/24	09/18/24	
Surrogate: n-Nonane	78.1 %	50-200		09/17/24	09/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2438031
Chloride	12500	400	20	09/17/24	09/17/24	



Sample Data

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

Project Name: Laguna Salado South #001
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
9/19/2024 4:40:07PM

1-Surface

E409125-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2438028
Benzene	ND	0.0250	1	09/17/24	09/18/24	
Ethylbenzene	ND	0.0250	1	09/17/24	09/18/24	
Toluene	ND	0.0250	1	09/17/24	09/18/24	
o-Xylene	ND	0.0250	1	09/17/24	09/18/24	
p,m-Xylene	ND	0.0500	1	09/17/24	09/18/24	
Total Xylenes	ND	0.0250	1	09/17/24	09/18/24	
Surrogate: Bromofluorobenzene	87.2 %	70-130		09/17/24	09/18/24	
Surrogate: 1,2-Dichloroethane-d4	91.0 %	70-130		09/17/24	09/18/24	
Surrogate: Toluene-d8	98.0 %	70-130		09/17/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2438028
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/24	09/18/24	
Surrogate: Bromofluorobenzene	87.2 %	70-130		09/17/24	09/18/24	
Surrogate: 1,2-Dichloroethane-d4	91.0 %	70-130		09/17/24	09/18/24	
Surrogate: Toluene-d8	98.0 %	70-130		09/17/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2438023
Diesel Range Organics (C10-C28)	ND	25.0	1	09/17/24	09/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/17/24	09/18/24	
Surrogate: n-Nonane	79.3 %	50-200		09/17/24	09/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2438031
Chloride	13600	400	20	09/17/24	09/17/24	



Sample Data

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

Project Name: Laguna Salado South #001
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
9/19/2024 4:40:07PM

1-1'

E409125-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2438028
Benzene	ND	0.0250	1	09/17/24	09/18/24	
Ethylbenzene	ND	0.0250	1	09/17/24	09/18/24	
Toluene	ND	0.0250	1	09/17/24	09/18/24	
o-Xylene	ND	0.0250	1	09/17/24	09/18/24	
p,m-Xylene	ND	0.0500	1	09/17/24	09/18/24	
Total Xylenes	ND	0.0250	1	09/17/24	09/18/24	
Surrogate: Bromofluorobenzene	87.3 %	70-130		09/17/24	09/18/24	
Surrogate: 1,2-Dichloroethane-d4	92.9 %	70-130		09/17/24	09/18/24	
Surrogate: Toluene-d8	98.6 %	70-130		09/17/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2438028
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/24	09/18/24	
Surrogate: Bromofluorobenzene	87.3 %	70-130		09/17/24	09/18/24	
Surrogate: 1,2-Dichloroethane-d4	92.9 %	70-130		09/17/24	09/18/24	
Surrogate: Toluene-d8	98.6 %	70-130		09/17/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2438023
Diesel Range Organics (C10-C28)	ND	25.0	1	09/17/24	09/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/17/24	09/18/24	
Surrogate: n-Nonane	79.1 %	50-200		09/17/24	09/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2438031
Chloride	4750	100	5	09/17/24	09/17/24	



Sample Data

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

Project Name: Laguna Salado South #001
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
9/19/2024 4:40:07PM

1-2'

E409125-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2438028
Benzene	ND	0.0250	1	09/17/24	09/18/24	
Ethylbenzene	ND	0.0250	1	09/17/24	09/18/24	
Toluene	ND	0.0250	1	09/17/24	09/18/24	
o-Xylene	ND	0.0250	1	09/17/24	09/18/24	
p,m-Xylene	ND	0.0500	1	09/17/24	09/18/24	
Total Xylenes	ND	0.0250	1	09/17/24	09/18/24	
Surrogate: Bromofluorobenzene	88.4 %	70-130		09/17/24	09/18/24	
Surrogate: 1,2-Dichloroethane-d4	91.4 %	70-130		09/17/24	09/18/24	
Surrogate: Toluene-d8	97.3 %	70-130		09/17/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2438028
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/24	09/18/24	
Surrogate: Bromofluorobenzene	88.4 %	70-130		09/17/24	09/18/24	
Surrogate: 1,2-Dichloroethane-d4	91.4 %	70-130		09/17/24	09/18/24	
Surrogate: Toluene-d8	97.3 %	70-130		09/17/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2438023
Diesel Range Organics (C10-C28)	ND	25.0	1	09/17/24	09/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/17/24	09/18/24	
Surrogate: n-Nonane	82.6 %	50-200		09/17/24	09/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2438031
Chloride	11700	400	20	09/17/24	09/17/24	



Sample Data

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

Project Name: Laguna Salado South #001
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
9/19/2024 4:40:07PM

1-3'

E409125-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2438028
Benzene	ND	0.0250	1	09/17/24	09/18/24	
Ethylbenzene	ND	0.0250	1	09/17/24	09/18/24	
Toluene	ND	0.0250	1	09/17/24	09/18/24	
o-Xylene	ND	0.0250	1	09/17/24	09/18/24	
p,m-Xylene	ND	0.0500	1	09/17/24	09/18/24	
Total Xylenes	ND	0.0250	1	09/17/24	09/18/24	
Surrogate: Bromofluorobenzene	88.5 %	70-130		09/17/24	09/18/24	
Surrogate: 1,2-Dichloroethane-d4	96.3 %	70-130		09/17/24	09/18/24	
Surrogate: Toluene-d8	96.6 %	70-130		09/17/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2438028
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/24	09/18/24	
Surrogate: Bromofluorobenzene	88.5 %	70-130		09/17/24	09/18/24	
Surrogate: 1,2-Dichloroethane-d4	96.3 %	70-130		09/17/24	09/18/24	
Surrogate: Toluene-d8	96.6 %	70-130		09/17/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2438023
Diesel Range Organics (C10-C28)	ND	25.0	1	09/17/24	09/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/17/24	09/18/24	
Surrogate: n-Nonane	78.5 %	50-200		09/17/24	09/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2438031
Chloride	12400	400	20	09/17/24	09/17/24	



Sample Data

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

Project Name: Laguna Salado South #001
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
9/19/2024 4:40:07PM

1-4'

E409125-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2438028
Benzene	ND	0.0250	1	09/17/24	09/18/24	
Ethylbenzene	ND	0.0250	1	09/17/24	09/18/24	
Toluene	ND	0.0250	1	09/17/24	09/18/24	
o-Xylene	ND	0.0250	1	09/17/24	09/18/24	
p,m-Xylene	ND	0.0500	1	09/17/24	09/18/24	
Total Xylenes	ND	0.0250	1	09/17/24	09/18/24	
Surrogate: Bromofluorobenzene	87.4 %	70-130		09/17/24	09/18/24	
Surrogate: 1,2-Dichloroethane-d4	94.8 %	70-130		09/17/24	09/18/24	
Surrogate: Toluene-d8	101 %	70-130		09/17/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2438028
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/24	09/18/24	
Surrogate: Bromofluorobenzene	87.4 %	70-130		09/17/24	09/18/24	
Surrogate: 1,2-Dichloroethane-d4	94.8 %	70-130		09/17/24	09/18/24	
Surrogate: Toluene-d8	101 %	70-130		09/17/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2438023
Diesel Range Organics (C10-C28)	ND	25.0	1	09/17/24	09/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/17/24	09/18/24	
Surrogate: n-Nonane	81.5 %	50-200		09/17/24	09/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2438031
Chloride	12100	400	20	09/17/24	09/17/24	



Sample Data

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

Project Name: Laguna Salado South #001
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
9/19/2024 4:40:07PM

2-Surface

E409125-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2438028
Benzene	ND	0.0250	1	09/17/24	09/18/24	
Ethylbenzene	ND	0.0250	1	09/17/24	09/18/24	
Toluene	ND	0.0250	1	09/17/24	09/18/24	
o-Xylene	0.0825	0.0250	1	09/17/24	09/18/24	
p,m-Xylene	0.133	0.0500	1	09/17/24	09/18/24	
Total Xylenes	0.216	0.0250	1	09/17/24	09/18/24	
Surrogate: Bromofluorobenzene	91.4 %	70-130		09/17/24	09/18/24	
Surrogate: 1,2-Dichloroethane-d4	97.3 %	70-130		09/17/24	09/18/24	
Surrogate: Toluene-d8	98.3 %	70-130		09/17/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2438028
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/24	09/18/24	
Surrogate: Bromofluorobenzene	91.4 %	70-130		09/17/24	09/18/24	
Surrogate: 1,2-Dichloroethane-d4	97.3 %	70-130		09/17/24	09/18/24	
Surrogate: Toluene-d8	98.3 %	70-130		09/17/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2438023
Diesel Range Organics (C10-C28)	109	25.0	1	09/17/24	09/18/24	
Oil Range Organics (C28-C36)	163	50.0	1	09/17/24	09/18/24	
Surrogate: n-Nonane	81.3 %	50-200		09/17/24	09/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2438031
Chloride	15400	1000	50	09/17/24	09/17/24	



Sample Data

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

Project Name: Laguna Salado South #001
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
9/19/2024 4:40:07PM

2-1'

E409125-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2438028
Benzene	ND	0.0250	1	09/17/24	09/18/24	
Ethylbenzene	ND	0.0250	1	09/17/24	09/18/24	
Toluene	ND	0.0250	1	09/17/24	09/18/24	
o-Xylene	ND	0.0250	1	09/17/24	09/18/24	
p,m-Xylene	ND	0.0500	1	09/17/24	09/18/24	
Total Xylenes	ND	0.0250	1	09/17/24	09/18/24	
Surrogate: Bromofluorobenzene	87.0 %	70-130		09/17/24	09/18/24	
Surrogate: 1,2-Dichloroethane-d4	97.0 %	70-130		09/17/24	09/18/24	
Surrogate: Toluene-d8	97.9 %	70-130		09/17/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2438028
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/24	09/18/24	
Surrogate: Bromofluorobenzene	87.0 %	70-130		09/17/24	09/18/24	
Surrogate: 1,2-Dichloroethane-d4	97.0 %	70-130		09/17/24	09/18/24	
Surrogate: Toluene-d8	97.9 %	70-130		09/17/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2438023
Diesel Range Organics (C10-C28)	ND	25.0	1	09/17/24	09/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/17/24	09/18/24	
Surrogate: n-Nonane	70.8 %	50-200		09/17/24	09/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2438031
Chloride	8640	400	20	09/17/24	09/17/24	



Sample Data

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

Project Name: Laguna Salado South #001
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
9/19/2024 4:40:07PM

2-2'

E409125-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2438028
Benzene	ND	0.0250	1	09/17/24	09/18/24	
Ethylbenzene	ND	0.0250	1	09/17/24	09/18/24	
Toluene	ND	0.0250	1	09/17/24	09/18/24	
o-Xylene	ND	0.0250	1	09/17/24	09/18/24	
p,m-Xylene	ND	0.0500	1	09/17/24	09/18/24	
Total Xylenes	ND	0.0250	1	09/17/24	09/18/24	
Surrogate: Bromofluorobenzene	89.4 %	70-130		09/17/24	09/18/24	
Surrogate: 1,2-Dichloroethane-d4	93.7 %	70-130		09/17/24	09/18/24	
Surrogate: Toluene-d8	97.3 %	70-130		09/17/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2438028
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/24	09/18/24	
Surrogate: Bromofluorobenzene	89.4 %	70-130		09/17/24	09/18/24	
Surrogate: 1,2-Dichloroethane-d4	93.7 %	70-130		09/17/24	09/18/24	
Surrogate: Toluene-d8	97.3 %	70-130		09/17/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2438023
Diesel Range Organics (C10-C28)	ND	25.0	1	09/17/24	09/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/17/24	09/18/24	
Surrogate: n-Nonane	86.4 %	50-200		09/17/24	09/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2438031
Chloride	11600	400	20	09/17/24	09/17/24	



Sample Data

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

Project Name: Laguna Salado South #001
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
9/19/2024 4:40:07PM

2-3'

E409125-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2438028
Benzene	ND	0.0250	1	09/17/24	09/18/24	
Ethylbenzene	ND	0.0250	1	09/17/24	09/18/24	
Toluene	ND	0.0250	1	09/17/24	09/18/24	
o-Xylene	ND	0.0250	1	09/17/24	09/18/24	
p,m-Xylene	ND	0.0500	1	09/17/24	09/18/24	
Total Xylenes	ND	0.0250	1	09/17/24	09/18/24	
Surrogate: Bromofluorobenzene	85.1 %	70-130		09/17/24	09/18/24	
Surrogate: 1,2-Dichloroethane-d4	94.6 %	70-130		09/17/24	09/18/24	
Surrogate: Toluene-d8	97.2 %	70-130		09/17/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2438028
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/24	09/18/24	
Surrogate: Bromofluorobenzene	85.1 %	70-130		09/17/24	09/18/24	
Surrogate: 1,2-Dichloroethane-d4	94.6 %	70-130		09/17/24	09/18/24	
Surrogate: Toluene-d8	97.2 %	70-130		09/17/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2438023
Diesel Range Organics (C10-C28)	ND	25.0	1	09/17/24	09/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/17/24	09/18/24	
Surrogate: n-Nonane	59.2 %	50-200		09/17/24	09/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2438031
Chloride	8740	200	10	09/17/24	09/17/24	



Sample Data

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

Project Name: Laguna Salado South #001
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
9/19/2024 4:40:07PM

2-4'

E409125-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2438028
Benzene	ND	0.0250	1	09/17/24	09/18/24	
Ethylbenzene	ND	0.0250	1	09/17/24	09/18/24	
Toluene	ND	0.0250	1	09/17/24	09/18/24	
o-Xylene	ND	0.0250	1	09/17/24	09/18/24	
p,m-Xylene	ND	0.0500	1	09/17/24	09/18/24	
Total Xylenes	ND	0.0250	1	09/17/24	09/18/24	
Surrogate: Bromofluorobenzene	85.8 %	70-130		09/17/24	09/18/24	
Surrogate: 1,2-Dichloroethane-d4	94.9 %	70-130		09/17/24	09/18/24	
Surrogate: Toluene-d8	99.1 %	70-130		09/17/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2438028
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/24	09/18/24	
Surrogate: Bromofluorobenzene	85.8 %	70-130		09/17/24	09/18/24	
Surrogate: 1,2-Dichloroethane-d4	94.9 %	70-130		09/17/24	09/18/24	
Surrogate: Toluene-d8	99.1 %	70-130		09/17/24	09/18/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2438023
Diesel Range Organics (C10-C28)	ND	25.0	1	09/17/24	09/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/17/24	09/18/24	
Surrogate: n-Nonane	69.1 %	50-200		09/17/24	09/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2438031
Chloride	11100	400	20	09/17/24	09/17/24	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #001	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/19/2024 4:40:07PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

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

Blank (2438028-BLK1) Prepared: 09/17/24 Analyzed: 09/18/24

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	0.438		0.500		87.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.8	70-130			
Surrogate: Toluene-d8	0.495		0.500		99.0	70-130			

LCS (2438028-BS1) Prepared: 09/17/24 Analyzed: 09/18/24

Benzene	2.07	0.0250	2.50		82.9	70-130			
Ethylbenzene	2.07	0.0250	2.50		82.7	70-130			
Toluene	2.21	0.0250	2.50		88.4	70-130			
o-Xylene	2.23	0.0250	2.50		89.1	70-130			
p,m-Xylene	4.46	0.0500	5.00		89.2	70-130			
Total Xylenes	6.69	0.0250	7.50		89.2	70-130			
Surrogate: Bromofluorobenzene	0.434		0.500		86.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.6	70-130			
Surrogate: Toluene-d8	0.489		0.500		97.7	70-130			

Matrix Spike (2438028-MS1) Source: E409125-11 Prepared: 09/17/24 Analyzed: 09/18/24

Benzene	2.11	0.0250	2.50	ND	84.3	48-131			
Ethylbenzene	2.13	0.0250	2.50	ND	85.2	45-135			
Toluene	2.27	0.0250	2.50	ND	90.8	48-130			
o-Xylene	2.32	0.0250	2.50	ND	92.9	43-135			
p,m-Xylene	4.61	0.0500	5.00	ND	92.2	43-135			
Total Xylenes	6.93	0.0250	7.50	ND	92.4	43-135			
Surrogate: Bromofluorobenzene	0.441		0.500		88.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		99.0	70-130			
Surrogate: Toluene-d8	0.485		0.500		96.9	70-130			

Matrix Spike Dup (2438028-MSD1) Source: E409125-11 Prepared: 09/17/24 Analyzed: 09/18/24

Benzene	2.16	0.0250	2.50	ND	86.4	48-131	2.46	23	
Ethylbenzene	2.16	0.0250	2.50	ND	86.3	45-135	1.19	27	
Toluene	2.30	0.0250	2.50	ND	92.1	48-130	1.44	24	
o-Xylene	2.34	0.0250	2.50	ND	93.6	43-135	0.665	27	
p,m-Xylene	4.70	0.0500	5.00	ND	94.0	43-135	1.97	27	
Total Xylenes	7.04	0.0250	7.50	ND	93.9	43-135	1.53	27	
Surrogate: Bromofluorobenzene	0.453		0.500		90.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.504		0.500		101	70-130			
Surrogate: Toluene-d8	0.489		0.500		97.7	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #001	Reported: 9/19/2024 4:40:07PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2438028-BLK1) Prepared: 09/17/24 Analyzed: 09/18/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.438		0.500		87.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.8	70-130			
Surrogate: Toluene-d8	0.495		0.500		99.0	70-130			

LCS (2438028-BS2) Prepared: 09/17/24 Analyzed: 09/18/24

Gasoline Range Organics (C6-C10)	43.0	20.0	50.0		85.9	70-130			
Surrogate: Bromofluorobenzene	0.451		0.500		90.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.468		0.500		93.5	70-130			
Surrogate: Toluene-d8	0.496		0.500		99.1	70-130			

Matrix Spike (2438028-MS2) Source: E409125-11 Prepared: 09/17/24 Analyzed: 09/18/24

Gasoline Range Organics (C6-C10)	42.6	20.0	50.0	ND	85.1	70-130			
Surrogate: Bromofluorobenzene	0.438		0.500		87.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.478		0.500		95.5	70-130			
Surrogate: Toluene-d8	0.497		0.500		99.4	70-130			

Matrix Spike Dup (2438028-MSD2) Source: E409125-11 Prepared: 09/17/24 Analyzed: 09/18/24

Gasoline Range Organics (C6-C10)	43.9	20.0	50.0	ND	87.9	70-130	3.20	20	
Surrogate: Bromofluorobenzene	0.448		0.500		89.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.470		0.500		93.9	70-130			
Surrogate: Toluene-d8	0.505		0.500		101	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #001	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/19/2024 4:40:07PM

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 (2438023-BLK1)					Prepared: 09/17/24 Analyzed: 09/18/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.5		50.0		93.0	50-200			

LCS (2438023-BS1)					Prepared: 09/17/24 Analyzed: 09/18/24				
Diesel Range Organics (C10-C28)	204	25.0	250		81.7	38-132			
Surrogate: n-Nonane	46.6		50.0		93.2	50-200			

Matrix Spike (2438023-MS1)					Source: E409125-03		Prepared: 09/17/24 Analyzed: 09/18/24		
Diesel Range Organics (C10-C28)	216	25.0	250	ND	86.6	38-132			
Surrogate: n-Nonane	46.6		50.0		93.2	50-200			

Matrix Spike Dup (2438023-MSD1)					Source: E409125-03		Prepared: 09/17/24 Analyzed: 09/18/24		
Diesel Range Organics (C10-C28)	219	25.0	250	ND	87.5	38-132	1.05	20	
Surrogate: n-Nonane	48.0		50.0		96.0	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #001	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/19/2024 4:40:07PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2438031-BLK1)					Prepared: 09/17/24 Analyzed: 09/17/24				
Chloride	ND	20.0							
LCS (2438031-BS1)					Prepared: 09/17/24 Analyzed: 09/17/24				
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2438031-MS1)					Source: E409125-07		Prepared: 09/17/24 Analyzed: 09/17/24		
Chloride	9250	200	250	9850	NR	80-120			M4
Matrix Spike Dup (2438031-MSD1)					Source: E409125-07		Prepared: 09/17/24 Analyzed: 09/17/24		
Chloride	10400	200	250	9850	209	80-120	11.4	20	M4

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:	Laguna Salado South #001	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	09/19/24 16:40

- M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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

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



Client: Pima Environmental Services Project: Laguna Salado South #001 Project Manager: Tom Bynum Address: 5614 N. Lovington Hwy. City, State, Zip: Hobbs, NM, 88240 Phone: 806-782-1151 Email: tom@pimaoil.com Report due by:		Bill To Attention: Devon Energy Address: City, State, Zip: Phone: Email: Pima Project # 1-275-1 (nAB1506157520)		Lab Use Only Lab WO# E 409125 Job Number 01058-0007		TAT 1D 2D 3D Standard X		EPA Program CWA SDWA RCRA	
				Analysis and Method DRO/ORO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX		State NM CO UT AZ TX X		Remarks	

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
8:30	9/13	S	1	BG North-Surface	1							X		
8:39				BG North-1'	2									
8:42				BG North-2'	3									
8:56				BG North-3'	4									
07				BG North-4'	5									
11				BG East-Surface	6									
20				BG East-1'	7									
36				BG East-2'	8									
47				BG East-3'	9									
56				BG East-4'	10									

Additional Instructions: Work Order/Billing: 21136158

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) Karina Adams Date: 8-16-24 Time: 1345	Received by: (Signature) [Signature] Date: 8-16-24 Time: 1345	Lab Use Only Received on ice: Y / N T1 T2 T3 AVG Temp °C 4
Relinquished by: (Signature) [Signature] Date: 9-16-24 Time: 1530	Received by: (Signature) [Signature] Date: 9-16-24 Time: 1730	
Relinquished by: (Signature) [Signature] Date: 9-16-24 Time: 2400	Received by: (Signature) [Signature] Date: 9-17-24 Time: 0500	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

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

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

Client: Pima Environmental Services Project: Laguna Salado South #001 Project Manager: Tom Bynum Address: 5614 N. Lovington Hwy. City, State, Zip: Hobbs, NM, 88240 Phone: 806-782-1151 mail: tom@pimaoil.com Report due by:		Bill To Attention: Devon Energy Address: City, State, Zip: Phone: Email: Pima Project # 1-275-1 (nAB1506157520)		Lab Use Only Lab WO# E409125 Job Number 01058-0007		TAT 1D 2D 3D Standard X		EPA Program CWA SDWA RCRA	
				Analysis and Method DRO/GRO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX		State NM CO UT AZ TX X		Remarks	

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/GRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
10:17	9/13	S	1	1-Surface	11							X		
10:23				1-1'	12									
10:31				1-2'	13									
10:47				1-3'	14									
10:53				1-4'	15									
11:16				2-Surface	16									
11:21				2-1'	17									
11:33				2-2'	18									
11:44				2-3'	19									
11:51				2-4'	20									

Additional Instructions: Work Order/Billing: 21136158			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.			
Relinquished by: (Signature) Karime Adams Date: 9-16-24 Time: 1345		Received by: (Signature) [Signature] Date: 9-16-24 Time: 1730	
Relinquished by: (Signature) [Signature] Date: 9-16-24 Time: 1530		Received by: (Signature) [Signature] Date: 9-16-24 Time: 1730	
Relinquished by: (Signature) [Signature] Date: 9-16-24 Time: 2400		Received by: (Signature) [Signature] Date: 9-17-24 Time: 0500	
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: 9/17/2024 9:08:22AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	09/17/24 05:00	Work Order ID:	E409125
Phone:	(575) 631-6977	Date Logged In:	09/16/24 16:51	Logged In By:	Noe Soto
Email:	tom@pimaoil.com	Due Date:	09/23/24 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
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

Sampled by name is missing on COC by client. Project Laguna Salado South #001 has been separated into multiple WO due to high sample volume, the WO are E409125-E409126. Signature dates corrected on COCs.

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: Laguna Salado South #1

Work Order: E410097

Job Number: 01058-0007

Received: 10/11/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/11/24

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: 10/11/24

Tom Bynum
PO Box 247
Plains, TX 79355-0247



Project Name: Laguna Salado South #1
Workorder: E410097
Date Received: 10/11/2024 8:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/11/2024 8:00:00AM, under the Project Name: Laguna Salado South #1.

The analytical test results summarized in this report with the Project Name: Laguna Salado South #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,

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

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

Field Offices:

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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/24 14:32

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
C1- Surface	E410097-01A	Soil	10/09/24	10/11/24	Glass Jar, 2 oz.
C1 - 1'	E410097-02A	Soil	10/09/24	10/11/24	Glass Jar, 2 oz.
C1 - 2'	E410097-03A	Soil	10/09/24	10/11/24	Glass Jar, 2 oz.
C1 - 3'	E410097-04A	Soil	10/09/24	10/11/24	Glass Jar, 2 oz.
C1 - 4'	E410097-05A	Soil	10/09/24	10/11/24	Glass Jar, 2 oz.
C2 - Surface	E410097-06A	Soil	10/09/24	10/11/24	Glass Jar, 2 oz.
C2 - 1'	E410097-07A	Soil	10/09/24	10/11/24	Glass Jar, 2 oz.
C2 - 2'	E410097-08A	Soil	10/09/24	10/11/24	Glass Jar, 2 oz.
C2 - 3'	E410097-09A	Soil	10/09/24	10/11/24	Glass Jar, 2 oz.
C2 - 4'	E410097-10A	Soil	10/09/24	10/11/24	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Laguna Salado South #1 Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 10/11/2024 2:32:22PM
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C1- Surface
E410097-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG		Batch: 2441084	
Benzene	ND	0.0250	1	10/11/24	10/11/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/11/24	
Toluene	ND	0.0250	1	10/11/24	10/11/24	
o-Xylene	ND	0.0250	1	10/11/24	10/11/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/11/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/11/24	
Surrogate: 4-Bromochlorobenzene-PID	102 %	70-130		10/11/24	10/11/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG		Batch: 2441084	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/11/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	93.7 %	70-130		10/11/24	10/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF		Batch: 2441087	
Diesel Range Organics (C10-C28)	26.1	25.0	1	10/11/24	10/11/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/11/24	
Surrogate: n-Nonane	91.3 %	50-200		10/11/24	10/11/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2441082	
Chloride	577	100	5	10/11/24	10/11/24	

Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
10/11/2024 2:32:22PM

C1 - 1'

E410097-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG		Batch: 2441084	
Benzene	ND	0.0250	1	10/11/24	10/11/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/11/24	
Toluene	ND	0.0250	1	10/11/24	10/11/24	
o-Xylene	ND	0.0250	1	10/11/24	10/11/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/11/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/11/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	10/11/24	10/11/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG		Batch: 2441084	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/11/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.7 %	70-130	10/11/24	10/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF		Batch: 2441087	
Diesel Range Organics (C10-C28)	43.8	25.0	1	10/11/24	10/11/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/11/24	
<i>Surrogate: n-Nonane</i>						
		85.6 %	50-200	10/11/24	10/11/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2441082	
Chloride	475	200	10	10/11/24	10/11/24	



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
10/11/2024 2:32:22PM

C1 - 2'

E410097-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441084	
Benzene	ND	0.0250	1	10/11/24	10/11/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/11/24	
Toluene	ND	0.0250	1	10/11/24	10/11/24	
o-Xylene	ND	0.0250	1	10/11/24	10/11/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/11/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/11/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.5 %	70-130		10/11/24	10/11/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441084	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/11/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.3 %	70-130		10/11/24	10/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AF		Batch: 2441087	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/11/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/11/24	
<i>Surrogate: n-Nonane</i>						
	104 %	50-200		10/11/24	10/11/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2441082	
Chloride	658	40.0	2	10/11/24	10/11/24	



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
10/11/2024 2:32:22PM

C1 - 3'

E410097-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441084	
Benzene	ND	0.0250	1	10/11/24	10/11/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/11/24	
Toluene	ND	0.0250	1	10/11/24	10/11/24	
o-Xylene	ND	0.0250	1	10/11/24	10/11/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/11/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/11/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.6 %	70-130		10/11/24	10/11/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441084	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/11/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.9 %	70-130		10/11/24	10/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AF		Batch: 2441087	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/11/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/11/24	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		10/11/24	10/11/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2441082	
Chloride	20.7	20.0	1	10/11/24	10/11/24	



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
10/11/2024 2:32:22PM

C1 - 4'

E410097-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441084	
Benzene	ND	0.0250	1	10/11/24	10/11/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/11/24	
Toluene	ND	0.0250	1	10/11/24	10/11/24	
o-Xylene	ND	0.0250	1	10/11/24	10/11/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/11/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/11/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.8 %	70-130		10/11/24	10/11/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441084	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/11/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.6 %	70-130		10/11/24	10/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AF		Batch: 2441087	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/11/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/11/24	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		10/11/24	10/11/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2441082	
Chloride	ND	20.0	1	10/11/24	10/11/24	



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
10/11/2024 2:32:22PM

C2 - Surface

E410097-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441084	
Benzene	ND	0.0250	1	10/11/24	10/11/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/11/24	
Toluene	ND	0.0250	1	10/11/24	10/11/24	
o-Xylene	ND	0.0250	1	10/11/24	10/11/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/11/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/11/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.4 %	70-130		10/11/24	10/11/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441084	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/11/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.6 %	70-130		10/11/24	10/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AF		Batch: 2441087	
Diesel Range Organics (C10-C28)	42.5	25.0	1	10/11/24	10/11/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/11/24	
<i>Surrogate: n-Nonane</i>						
	87.8 %	50-200		10/11/24	10/11/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2441082	
Chloride	686	100	5	10/11/24	10/11/24	



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
10/11/2024 2:32:22PM

C2 - 1'

E410097-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441084	
Benzene	ND	0.0250	1	10/11/24	10/11/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/11/24	
Toluene	ND	0.0250	1	10/11/24	10/11/24	
o-Xylene	ND	0.0250	1	10/11/24	10/11/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/11/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/11/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.2 %	70-130		10/11/24	10/11/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441084	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/11/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.4 %	70-130		10/11/24	10/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AF		Batch: 2441087	
Diesel Range Organics (C10-C28)	35.9	25.0	1	10/11/24	10/11/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/11/24	
<i>Surrogate: n-Nonane</i>						
	102 %	50-200		10/11/24	10/11/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2441082	
Chloride	398	200	10	10/11/24	10/11/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Reported: 10/11/2024 2:32:22PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

C2 - 2'

E410097-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG		Batch: 2441084	
Benzene	ND	0.0250	1	10/11/24	10/11/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/11/24	
Toluene	ND	0.0250	1	10/11/24	10/11/24	
o-Xylene	ND	0.0250	1	10/11/24	10/11/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/11/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/11/24	
Surrogate: 4-Bromochlorobenzene-PID	89.2 %	70-130		10/11/24	10/11/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG		Batch: 2441084	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/11/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	99.4 %	70-130		10/11/24	10/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF		Batch: 2441087	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/11/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/11/24	
Surrogate: n-Nonane	97.7 %	50-200		10/11/24	10/11/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2441082	
Chloride	518	20.0	1	10/11/24	10/11/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Reported: 10/11/2024 2:32:22PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

C2 - 3'

E410097-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG		Batch: 2441084	
Benzene	ND	0.0250	1	10/11/24	10/11/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/11/24	
Toluene	ND	0.0250	1	10/11/24	10/11/24	
o-Xylene	ND	0.0250	1	10/11/24	10/11/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/11/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/11/24	
Surrogate: 4-Bromochlorobenzene-PID	89.2 %	70-130		10/11/24	10/11/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG		Batch: 2441084	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/11/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	99.7 %	70-130		10/11/24	10/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF		Batch: 2441087	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/11/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/11/24	
Surrogate: n-Nonane	102 %	50-200		10/11/24	10/11/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2441082	
Chloride	ND	20.0	1	10/11/24	10/11/24	



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
10/11/2024 2:32:22PM

C2 - 4'

E410097-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441084	
Benzene	ND	0.0250	1	10/11/24	10/11/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/11/24	
Toluene	ND	0.0250	1	10/11/24	10/11/24	
o-Xylene	ND	0.0250	1	10/11/24	10/11/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/11/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/11/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.0 %	70-130		10/11/24	10/11/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441084	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/11/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	100 %	70-130		10/11/24	10/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AF		Batch: 2441087	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/11/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/11/24	
<i>Surrogate: n-Nonane</i>						
	96.5 %	50-200		10/11/24	10/11/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2441082	
Chloride	ND	20.0	1	10/11/24	10/11/24	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Reported: 10/11/2024 2:32:22PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Volatile Organics by EPA 8021B

Analyst: CG

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 (2441084-BLK1) Prepared: 10/11/24 Analyzed: 10/11/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.07		8.00		101	70-130			

LCS (2441084-BS1) Prepared: 10/11/24 Analyzed: 10/11/24

Benzene	5.32	0.0250	5.00		106	70-130			
Ethylbenzene	5.18	0.0250	5.00		104	70-130			
Toluene	5.27	0.0250	5.00		105	70-130			
o-Xylene	5.17	0.0250	5.00		103	70-130			
p,m-Xylene	10.5	0.0500	10.0		105	70-130			
Total Xylenes	15.7	0.0250	15.0		105	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.01		8.00		100	70-130			

LCS Dup (2441084-BSD1) Prepared: 10/11/24 Analyzed: 10/11/24

Benzene	5.08	0.0250	5.00		102	70-130	4.59	20	
Ethylbenzene	4.95	0.0250	5.00		99.0	70-130	4.46	20	
Toluene	5.03	0.0250	5.00		101	70-130	4.57	20	
o-Xylene	4.95	0.0250	5.00		99.0	70-130	4.31	20	
p,m-Xylene	10.1	0.0500	10.0		101	70-130	4.28	20	
Total Xylenes	15.0	0.0250	15.0		100	70-130	4.29	20	
Surrogate: 4-Bromochlorobenzene-PID	8.04		8.00		100	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Reported: 10/11/2024 2:32:22PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: CG

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

Blank (2441084-BLK1) Prepared: 10/11/24 Analyzed: 10/11/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		8.00		94.2	70-130			

LCS (2441084-BS2) Prepared: 10/11/24 Analyzed: 10/11/24

Gasoline Range Organics (C6-C10)	57.3	20.0	50.0		115	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.76		8.00		97.1	70-130			

LCS Dup (2441084-BSD2) Prepared: 10/11/24 Analyzed: 10/11/24

Gasoline Range Organics (C6-C10)	48.9	20.0	50.0		97.8	70-130	15.8	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.76		8.00		97.0	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/2024 2:32:22PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AF

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

Blank (2441087-BLK1)					Prepared: 10/11/24 Analyzed: 10/11/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.6		50.0		107	50-200			

LCS (2441087-BS1)					Prepared: 10/11/24 Analyzed: 10/11/24				
Diesel Range Organics (C10-C28)	271	25.0	250		108	38-132			
Surrogate: n-Nonane	58.2		50.0		116	50-200			

LCS Dup (2441087-BSD1)					Prepared: 10/11/24 Analyzed: 10/11/24				
Diesel Range Organics (C10-C28)	267	25.0	250		107	38-132	1.50	20	
Surrogate: n-Nonane	57.6		50.0		115	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/2024 2:32:22PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2441082-BLK1)				Prepared: 10/11/24 Analyzed: 10/11/24					
Chloride	ND	20.0							
LCS (2441082-BS1)				Prepared: 10/11/24 Analyzed: 10/11/24					
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2441082-MS1)				Source: E410097-04		Prepared: 10/11/24 Analyzed: 10/11/24			
Chloride	275	20.0	250	20.7	102	80-120			
Matrix Spike Dup (2441082-MSD1)				Source: E410097-04		Prepared: 10/11/24 Analyzed: 10/11/24			
Chloride	278	20.0	250	20.7	103	80-120	1.01	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:	Laguna Salado South #1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/24 14:32

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



Project Information

Chain of Custody

Page 1 of 1

Client: Pima Environmental Services					Bill To		Lab Use Only				TAT				EPA Program			
Project: Laguna Salado South #1					Attention: Devon Energy		Lab WO#		Job Number		1D	2D	3D	Standard	CWA	SDWA		
Project Manager: Tom Bynum					Address:		E410097		01058-0001		X							
Address: 5614 N. Lovington Hwy.					City, State, Zip		Analysis and Method										RCRA	
City, State, Zip Hobbs, NM, 88240					Phone:		DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0						
Phone: 806-782-1151					Email:													
Email: tom@pimaoil.com					Pima Project # 1-275-3 (nLLB0631140464)													
Report due by:																		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks												
6:30	10/9	S	1	C1-Surface	1													
6:35				C1-1'	2													
6:41				C1-2'	3													
6:49				C1-3'	4													
6:57				C1-4'	5													
7:11				C2-Surface	6													
7:13				C2-1'	7													
7:20				C2-2'	8													
7:21				C2-3'	9													
7:36				C2-4'	10													
Additional Instructions: Work Order/Billing: 21136158																		
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																		
Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.																		
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Lab Use Only						
Karinne Adams		10-10-24		1230		Michelle Gonzales		10-10-24		1230		Received on ice: (Y/N)						
Michelle Gonzales		10-10-24		1500		J.H.		10-10-24		1700		T1 T2 T3						
J.H.		10-10-24		2315		Caitie Mars		10-11-24		8:00		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: 10/11/2024 9:11:48AM

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:	10/11/24 08:00	Work Order ID:	E410097
Phone:	(575) 631-6977	Date Logged In:	10/10/24 15:12	Logged In By:	Noe Soto
Email:	tom@pimaoil.com	Due Date:	10/11/24 17:00 (0 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/Resolution

Sampled by name is missing on COC by client.

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.



Appendix F

Previously Rejected Closure Report



REMEDIATION CLOSURE REPORT

Incident IDs nLLB0631140464 & nAB1506157520

Laguna Salado South #001

API # 30-015-26407

Prepared By:

Pima Environmental Services, LLC

Prepared For:

Devon Energy Production, LP

July 30, 2024

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

July 30, 2024

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

**Re: Remediation Closure Report
Laguna Salado South #001
API No. 30-015-26407
GPS: Latitude 32.2922554 Longitude -103.9748001
ULSTR – F – 22 – 23S – 29E 2030 FNL 1980 FWL Eddy County, NM
NMOCD Incident IDs nLLB0631140464 & nAB1506157520**

The first incident was a produced water release that was discovered by the operator on March 10, 2006. The initial C-141 was submitted on March 20, 2006 (Appendix C). This incident was assigned Incident ID nLLB0631140464 by the New Mexico Oil Conservation Division (NMOCD).

The second incident was a crude oil release that was discovered by the operator on January 22, 2015. The initial C-141 was submitted on January 23, 2015 (Appendix C). This incident was assigned Incident ID nAB1506157520 by the New Mexico Oil Conservation Division (NMOCD).

Release Information

nLLB0631140464: On March 10, 2006, Seal on SWD transfer pump ruptured, spilling 62 barrels (bbls) of produced water into dike. We recovered 50 bbls of produced water. Truck. Replaced seal on pump and discussed incident at safety meeting. Will continue to monitor seals at all transfer pumps. Isolated pump and called mechanic & vac. 25' X 100' area affected.

nAB1506157520: On January 22, 2015, the 2" valve leading from the 1440# separator to the water tanks was closed causing the vent tank to run over. The valve was immediately open upon discovery of the release to prevent further release. 6 of the 8 bbls of release bbls of oil were contained within the lined secondary containment. 2 of the released bbls of oil overflowed from the secondary containment onto the well pad on the south side of the vent tank. The size of the affected area was approximately 15' X 15'. A vacuum truck recovered all 8 bbls of oil spilled.

Site Information and Site Characterization

The Laguna Salado South #001 (Laguna) is located approximately seven (7) miles east of Loving, NM. The release area on the well pad is in Unit F, Section 22, Township 23S, Range 29E, Latitude 32.2922554 Longitude -103.9748001, Eddy County, NM. A Location Map can be found in Figure 1.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology in this area is made up of Lacustrine and playa-lake deposits; Includes associated alluvial and eolian deposits of major lake basins. The soil in this area is made up of Cottonwood-Reeves loams, overflow, 0 to 3 percent slopes, according to the United States Department of Agriculture Natural Resources Conservation Service soil survey. The drainage class in this area is: well drained (Appendix B). A Topographic Map can be found in Figure 2. The nearest surface water feature is a salt pond located approximately 311 feet to the southwest of this site. There is a medium potential for karst geology to be present around the Laguna (Figure 3).

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is greater than 200 feet below grade surface (bgs). According to the United States Geological Survey well water data (USGS 321717103561001 23S.29E.24.41321), depth to the nearest groundwater in this area is 50 feet bgs. The groundwater information from C-02797 establishes a lack of groundwater at 200' bgs. The NMOSE attached conditions to this monitoring well that can be seen in Appendix A. Depth to groundwater at the Laguna will be classified as <50' bgs but due to the natural salt lakes and the salt mining in this area, the groundwater in this area can be classified as "not protectable." Referenced water surveys and water-related maps can be found in Appendix A.

Site Assessment & Delineation Activities

nLLB0631140464: On March 28, 2023, Pima personnel mobilized to the site to perform delineation activities of the affected area. Samples for vertical delineation were collected from 3 different sample points and each from depths of 1', 3', and 4' bgs. A background sample was collected from depths of 1', 3', and 4' bgs as well. Horizontal delineation was not completed at this time. The affected area measures

approximately 1,013 square feet. The release remained on the engineered pad, which is still needed for subsequent production and/or drilling purposes.

nAB1506157520: On March 28, 2023, Pima personnel mobilized to the site to perform delineation activities of the affected area. Samples for vertical delineation were collected from 3 different sample points and each from depths of 1', 3' and 4' bgs. A background sample was collected from depths of 1', 3', and 4' bgs as well. Horizontal delineation was not completed at this time. The affected area measures approximately 785 square feet. The release remained on the engineered pad, which is still needed for subsequent production and/or drilling purposes. The results of this sampling event can be seen in the following data tables.

3/28/2023 Soil Sampling Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
DEVON ENERGY - LAGUNA SALADO SOUTH #001 - nLLB0631140464								
Date: 3/28/23		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
P1-1'	1'	ND	ND	ND	ND	ND	0	8670
P1-3'	3'	ND	ND	ND	33	76.1	109.1	12200
P1-4'	4'	ND	ND	ND	ND	ND	0	10400
P2-1'	1'	ND	ND	ND	ND	ND	0	10900
P2-3'	3'	ND	ND	ND	ND	ND	0	9360
P2-4'	4'	ND	ND	ND	ND	ND	0	9880
P3-1'	1'	ND	ND	ND	ND	ND	0	9230
P3-3'	3'	ND	ND	ND	ND	ND	0	7930
P3-4'	4'	ND	ND	ND	ND	ND	0	13800
BG2-1'	1'	ND	ND	ND	ND	ND	0	8800
BG2-3'	3'	ND	ND	ND	ND	ND	0	7160
BG2-4'	4'	ND	ND	ND	ND	ND	0	8600

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
DEVON ENERGY - LAGUNA SALADO SOUTH #001 - nAB1506157520								
Date: 3/28/23		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
N1-1'	1'	ND	ND	ND	ND	ND	0	9720
N1-3'	3'	ND	ND	ND	ND	ND	0	13400
N1-4'	4'	ND	ND	ND	ND	ND	0	12200
N2-1'	1'	ND	ND	ND	ND	ND	0	10800
N2-3'	3'	ND	ND	ND	38.4	108	146.4	10900
N2-4'	4'	ND	ND	ND	ND	ND	0	10000
N3-1'	1'	ND	ND	ND	ND	ND	0	9150
N3-3'	3'	ND	ND	ND	ND	ND	0	17700
N3-4'	4'	ND	ND	ND	ND	ND	0	10600
BG1-1'	1'	ND	ND	ND	ND	ND	0	9260
BG1-3'	3'	ND	ND	ND	ND	ND	0	10600
BG1-4'	4'	ND	ND	ND	ND	ND	0	9840

This location is surrounded on three sides by New Mexico Salt and United Salt Lake Plant. Salt is mined throughout the year from these natural salt lakes. Complete horizontal and vertical delineation is not feasible in this area as naturally occurring salt properties are evident. The remediation goal for these releases is to remove TPH properties to protect the salt mining capabilities of the area.

Remediation Activities

nLLB0631140464: On July 12, 2024, Pima Environmental and the Devon construction department mobilized personnel and equipment to the location to begin spotting underground lines and excavating soil from around the P1 sample area. A 397 square foot section in and around the power panels and wiring was excavated to a depth of 3.5' bgs via hydro-vac truck and hand tools. Clean, fresh backfill material was brought back to the site and stockpiled to be used to backfill the excavation.

nAB1506157520: On July 12, 2024, Pima Environmental and the Devon construction department mobilized personnel and equipment to the location to begin spotting underground lines and excavating soil from around the N2 sample area. A 285 square foot section outside the secondary containment berm was excavated to a depth of 3.5' bgs via hydro-vac truck and hand tools. Clean, fresh backfill material was brought back to the site and stockpiled to be used to backfill the excavation.

The total combined soil removed during this excavation was approximately 88 cubic yards. The combined areas measured approximately 682 square feet, and depths were approximately 3.5' bgs. Photographic Documentation can be found in Appendix D. The March 2023 Site Map can be found in Figure 4.

On July 15, 2024, after Devon had submitted a 48-Hour sampling notification for each incident (Appendix C), confirmation sampling was performed for the excavated areas. The sampling notification for nLLB0631140464 can be found in OCD Online: Permitting – Action Status, under the application ID: 363140. The sampling notification for nAB1506157520 can be found in OCD Online: Permitting – Action Status, under the application ID: 363263. Five confirmation composite base samples were collected, and two confirmation composite wall samples were collected. Each sample collected was representative of no more than a 200 square feet area. After collection, each sample was immediately put on ice, jarred, and delivered to Envirotech Labs for official testing. All samples were analyzed for all constituents listed on Table 1 19.15.29.12 NMAC. The results of this sampling event can be found in the following data table.

7/15/2024 Confirmation Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
DEVON ENERGY - Laguna Salado South #1 - nLLB0631140464								
Date: 7/15/24		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
CP1-3.5'	3.5'	ND	ND	ND	ND	ND	0	276
CP2-3.5'	3.5'	ND	ND	ND	ND	ND	0	916
CP3-3.5'	3.5'	ND	ND	ND	ND	ND	0	717
CPW1-3.5'	3.5'	ND	ND	ND	ND	ND	0	495

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
DEVON ENERGY - Laguna Salado South #1 - nAB1506157520								
Date: 7/15/24		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
CN1-3.5'	3.5'	ND	ND	ND	ND	ND	0	6980
CN2-3.5'	3.5'	ND	ND	ND	ND	ND	0	3740
CNW1-3.5'	3.5'	ND	ND	ND	ND	ND	0	4770

A corresponding Confirmation Sample Map can be found in Figure 5. Complete Laboratory Reports can be found in Appendix E.

Remediation Closure Request

After careful review, Devon Energy requests that this remediation closure report for incidents nLLB0631140464 and nAB1506157520, be approved. Devon has complied with the applicable remediation closure requirements set forth in rule 19.15.29.12 NMAC and understands that reclamation of this pad area once it is no longer needed for production or subsequent drilling operations will require an approved reclamation plan addressing a minimum of four feet of non-waste containing earthen material.

For questions or additional information, please feel free to contact:
Devon Energy – Dale Woodall – 575-748-1838 or dale.woodall@dvn.com.
Pima Environmental – Tom Bynum – 580-748-1613 or tom@pimaoil.com.

Attachments

Figures:

- 1- Location Map
- 2- Topographic Map
- 3- Karst Map
- 4- March 2023 Site Map
- 5- Confirmation Sample Map



Appendices:

Appendix A – Referenced Water Surveys and Water-Related Maps

Appendix B – Soil Survey and Geologic Unit Map

Appendix C – C-141 Forms & 48-Hour Sampling Notifications

Appendix D – Photographic Documentation

Appendix E – Laboratory Reports

Figures:

Figure 1- Location Map

Figure 2- Topographic Map

Figure 3- Karst Map

Figure 4- March 2023 Site Map

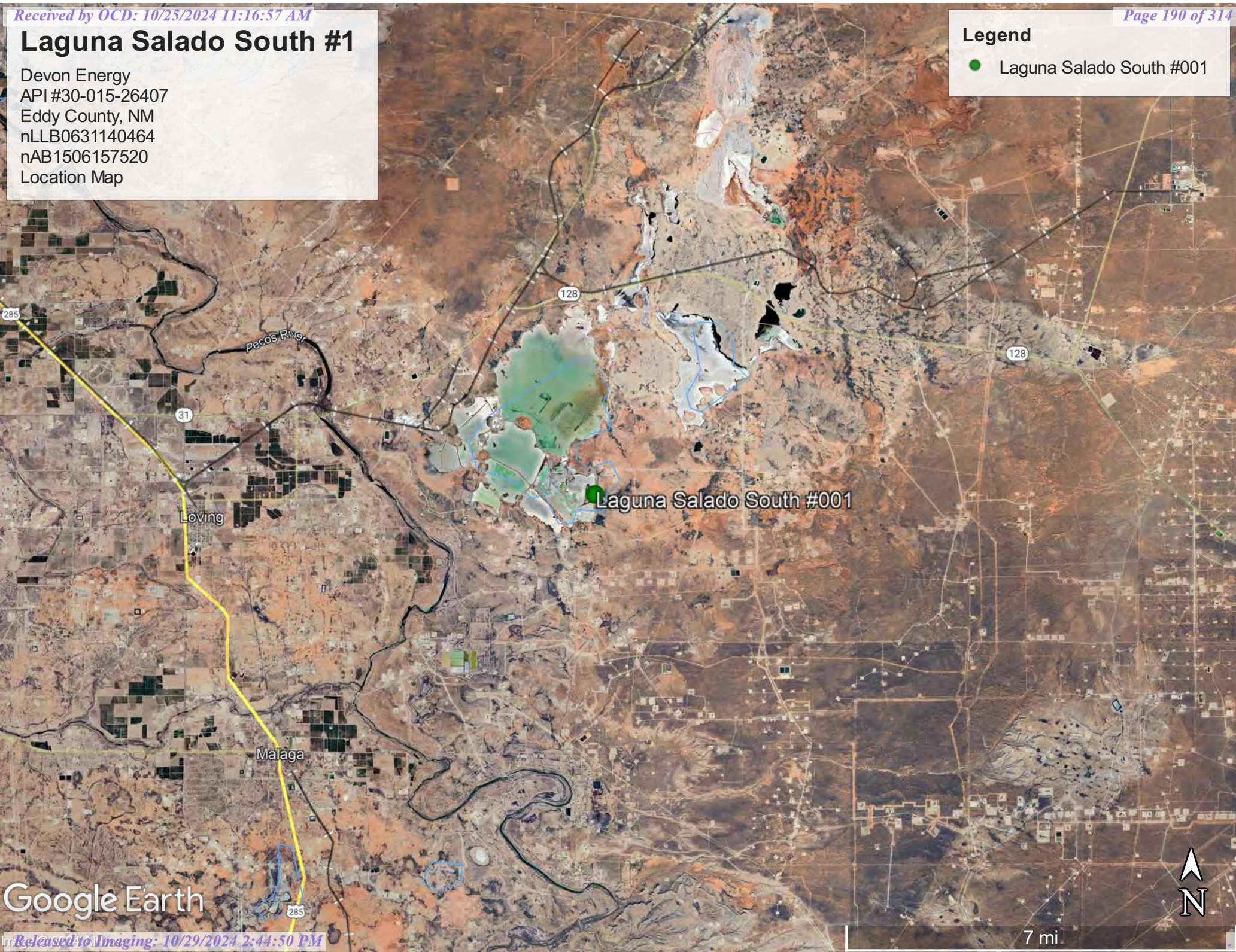
Figure 5- Confirmation Sample Map

Laguna Salado South #1

Devon Energy
API #30-015-26407
Eddy County, NM
nLLB0631140464
nAB1506157520
Location Map

Legend

● Laguna Salado South #001



Google Earth

Laguna Salado South #1

Devon Energy
API #30-015-26407
Eddy County, NM
nLLB0631140464
nAB1506157520
Topographic Map

Legend

● Laguna Salado South #001

Laguna Salado South #001






4000 ft

Google Earth

Laguna Salado South #1

Devon Energy
API #30-015-26407
Eddy County, NM
nLLB0631140464
nAB1506157520
Karst Map

Legend

-  High Karst
-  Low Karst
-  Medium Karst

Laguna Salado South #001

Google Earth






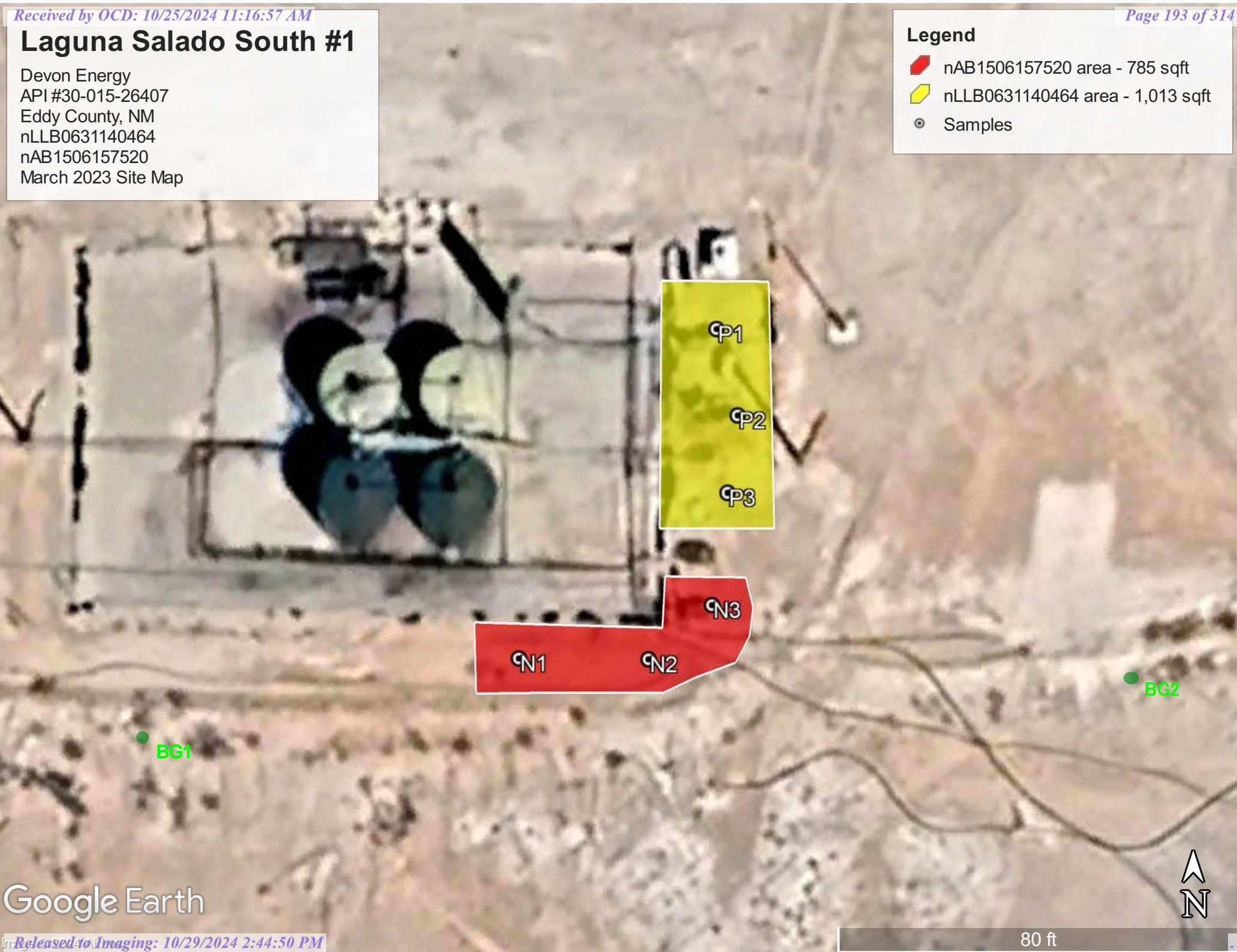
1 mi

Laguna Salado South #1

Devon Energy
API #30-015-26407
Eddy County, NM
nLLB0631140464
nAB1506157520
March 2023 Site Map

Legend

-  nAB1506157520 area - 785 sqft
-  nLLB0631140464 area - 1,013 sqft
-  Samples



Google Earth

Laguna Salado South #1

Devon Energy
API #30-015-26407
Eddy County, NM
nLLB0631140464
nAB1506157520
Confirmation Sample Map

Legend

- Confirmation base samples
- Confirmation wall samples
- nAB1506157520 3.5' excavation - 285 sqft
- nLLB0631140464 3.5' excavation - 397 sqft



Google Earth



70 ft



Appendix A

Water Surveys:

- OSE
- USGS
- Surface Water Map
- Wetlands Map
- Fema Flood Map



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
C 02797		CUB	ED	2	3	22	23	S	29E		596540	3572895*	396	200		
C 02716		CUB	ED	4	4	4	16	23	S	29E	595818	3574002*	1007	400		
C 02715		CUB	ED	4	1	3	15	23	S	29E	596221	3574411*	1162	400		
C 02717		CUB	ED	4	2	4	16	23	S	29E	595817	3574407*	1325	400		
C 01217 S		CUB	ED	4	1	4	16	23	S	29E	595413	3574403*	1577	350		
C 02721		CUB	ED	2	3	21	23	S	29E		594915	3572879*	1669	150		
C 02720		CUB	ED	2	1	21	23	S	29E		594911	3573690*	1670	150		
C 02718		CUB	ED	4	4	2	16	23	S	29E	595816	3574812*	1680	400		
C 02707		C	ED		2	28	23	S	29E		595535	3571868*	1738	40	18	22
C 04326 POD14		CUB	ED	4	2	3	23	23	S	29E	598191	3572765	1739	58	54	4
C 04326 POD16		CUB	ED	2	4	3	23	23	S	29E	598209	3572664	1789	64	54	10
C 03057 EXPLORE		CUB	ED	4	1	1	21	23	S	29E	594605	3573586*	1950	150		
C 02808		CUB	ED	2	3	16	23	S	29E		594909	3574501*	2024	100		
C 02809		CUB	ED	2	3	16	23	S	29E		594909	3574501*	2024	100		
C 02613		CUB	ED	4	4	2	20	23	S	29E	594203	3573176*	2332	400		
C 02794		CUB	ED	4	3	10	23	S	29E		596518	3575731*	2439	100		
C 02795		CUB	ED	4	3	10	23	S	29E		596518	3575731*	2439	200		
C 01627		C	ED	1	4	4	28	23	S	29E	595649	3570959*	2494	170		
C 03058 EXPLORE		CUB	ED	4	1	1	16	23	S	29E	594605	3575206*	2716	150		

Average Depth to Water: **42 feet**

Minimum Depth: **18 feet**

Maximum Depth: **54 feet**

Record Count: 19

UTM NAD83 Radius Search (in meters):

Easting (X): 596532.98

Northing (Y): 3573291.66

Radius: 3000

*UTM location was derived from PLSS - see Help

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

4/6/23 10:08 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



New Mexico Office of the State Engineer
Water Right Summary

WR File Number:	C 02797	Subbasin:	CUB	Cross Reference:	-
Primary Purpose:	MON MONITORING WELL				
Primary Status:	PMT PERMIT				
Total Acres:		Subfile:	-	Header:	-
Total Diversion:	0	Cause/Case:	-		
Owner:	IMC				
Contact:	SCOTT VAIL				

Documents on File

Trn #	Doc	File/Act	Status		Transaction Desc.	From/	Acres	Diversion	Consumptive
			1	2		To			
206342	EXPL	2001-02-02	PMT	APR	C 02797	T	0	0	

Current Points of Diversion

(NAD83 UTM in meters)

(NAD83 UTM in meters)										
POD Number	Well Tag	Source	Q					X	Y	Other Location Desc
			64Q16Q4	Sec	Tw	Rng				
C 02797			2	3	22	23S	29E	596540	3572895*	

An () after northing value indicates UTM location was derived from PLSS - see Help

Source

Acres	Diversion	CU	Use	Priority	Source	Description
0	0		MON		GW	

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

7/18/24 7:51 AM

WATER RIGHT SUMMARY



New Mexico Office of the State Engineer

Transaction Summary

EXPL Permit To Explore

Transaction Number: 206342

Transaction Desc: C 02797

File Date: 02/02/2001

Primary Status: PMT Permit

Secondary Status: APR Approved

Person Assigned: *****

Applicant: IMC

Contact: SCOTT VAIL

Events

Date	Type	Description	Comment	Processed By
02/02/2001	APP	Application Received		*****
02/02/2001	FTN	Finalize non-published Trans.		*****

Water Right Information

WR File Nbr	Acres	Diversion	Consumptive	Purpose of Use
C 02797	0	0		MON MONITORING WELL

**Point of Diversion

C 02797 596540 3572895* 

An () after northing value indicates UTM location was derived from PLSS - see Help

Conditions

- 4 No water shall be appropriated and beneficially used under this permit.
- 7 The Permittee shall utilize the highest and best technology available to ensure conservation of water to the maximum extent practical.
- B The well shall be drilled by a driller licensed in the State of New Mexico in accordance with Section 72-12-12 New Mexico Statutes Annotated.
- C Driller's well record must be filed with the State Engineer within 10 days after the well is drilled or driven. Well record forms will be provided by the State Engineer upon request.
- C2 No water shall be diverted from this well except for testing purposes which shall not exceed ten (10) cumulative days, and well shall be plugged or capped on or before , unless a permit to use water from this well is acquired from the Office of the State Engineer.
- G If artesian water is encountered, all rules and regulations pertaining to the drilling and casing of artesian wells shall be complied with.

Action of the State Engineer

**** See Image For Any Additional Conditions of Approval ****

Approval Code: A - Approved

Action Date: 02/02/2001

PCW Due Date: 02/02/2002

State Engineer: Thomas C. Turney

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

7/18/24 7:52 AM


TRANSACTION
SUMMARY

OSE POD Location Map



7/18/2024, 8:49:38 AM


GIS WATERS PODs

 Pending OSE District Boundary

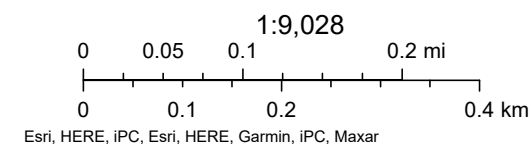
Water Right Regulations

 Artesian Planning Area

New Mexico State Trust Lands

 Subsurface Estate

NHD Flowlines

 Artificial Path Connector Stream River



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

National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater

Geographic Area:

United States

GO

Click to hide News Bulletins

- Explore the *NEW* [USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.

Groundwater levels for the Nation

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

Search Results -- 1 sites found

site_no list =

- 321717103561001

Minimum number of levels = 1

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

USGS 321717103561001 23S.29E.24.41321

Available data for this site

Groundwater: Field measurements

GO

Eddy County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°17'17", Longitude 103°56'10" NAD27

Land-surface elevation 3,034 feet above NAVD88

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

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

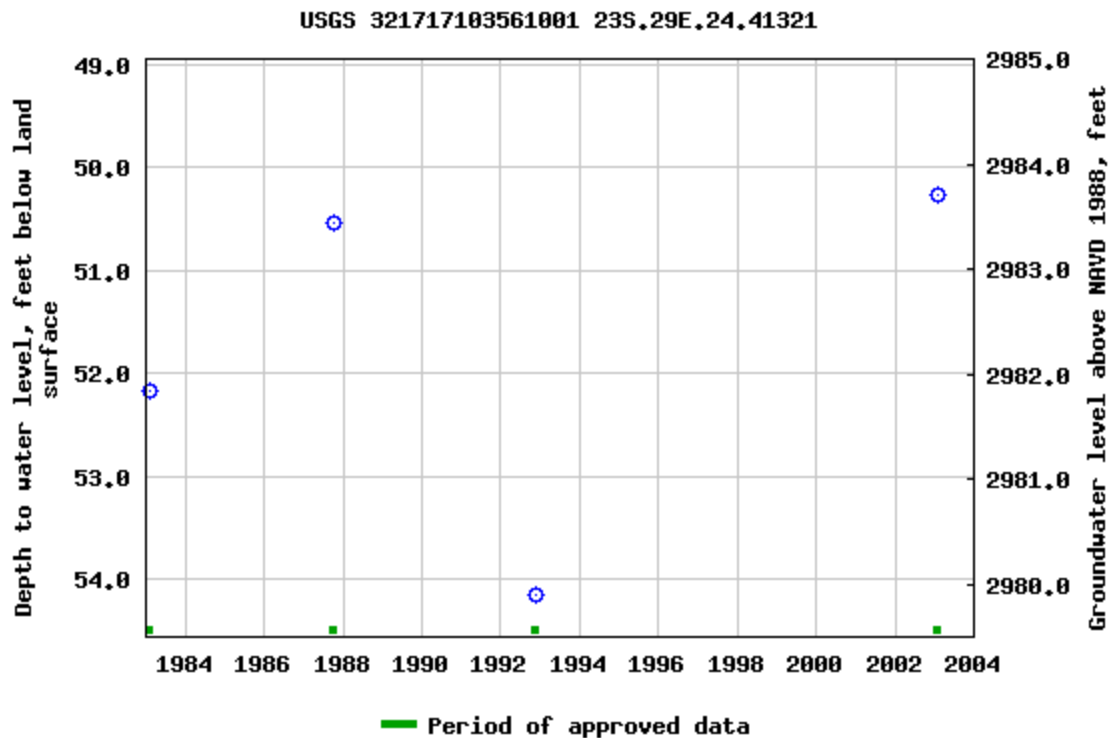
Output formats

[Table of data](#)

[Tab-separated data](#)

[Graph of data](#)

[Reselect period](#)



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

- [Questions or Comments](#)
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- [Data Tips](#)
- [Explanation of terms](#)
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[Accessibility](#) [FOIA](#) [Privacy](#) [Policies and Notices](#)
[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)
Title: Groundwater for USA: Water Levels
URL: <https://nwis.waterdata.usgs.gov/nwis/gwlevels?>



Page Contact Information: [USGS Water Data Support Team](#)
Page Last Modified: 2024-07-18 09:50:34 EDT
0.55 0.5 nadww01





National Water Information System: Mapper



Laguna Salado South #1

Devon Energy
API #30-015-26407
Eddy County, NM
nLLB0631140464
nAB1506157520
Surface Water Map

Legend

-  311 Feet
-  Salt Mine Pond

Laguna Salado South #001

Salt Mine Pond



700 ft

Google Earth



Wetlands Map



July 18, 2024

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

- Lake
- Other
- Riverine

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

National Flood Hazard Layer FIRMette



103°58'48"W 32°17'46"N



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

1:6,000

103°58'10"W 32°17'15"N

Released to Imaging: 10/29/2024 2:44:50 PM

Basemap Imagery Source: USGS National Map 2023

Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 7/18/2024 at 9:55 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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



Appendix B

- Soil Survey
- Soil Map
- Geologic Unit Map

Map Unit Description: Cottonwood-Reeves loams, overflow, 0 to 3 percent slopes---Eddy Area,
New Mexico

Eddy Area, New Mexico

CR—Cottonwood-Reeves loams, overflow, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w47

Elevation: 3,000 to 4,300 feet

Mean annual precipitation: 10 to 14 inches

Mean annual air temperature: 60 to 64 degrees F

Frost-free period: 200 to 220 days

Farmland classification: Not prime farmland

Map Unit Composition

Cottonwood and similar soils: 60 percent

Reeves and similar soils: 35 percent

Minor components: 5 percent

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

Description of Cottonwood

Setting

Landform: Ridges, hills

Landform position (two-dimensional): Shoulder, backslope, footslope, toeslope

Landform position (three-dimensional): Side slope, head slope, nose slope, crest

Down-slope shape: Convex

Across-slope shape: Linear

Parent material: Residuum weathered from gypsum

Typical profile

H1 - 0 to 9 inches: loam

H2 - 9 to 60 inches: bedrock

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: 3 to 12 inches to paralithic bedrock

Drainage class: Well drained

Runoff class: Low

Capacity of the most limiting layer to transmit water

(Ksat): Moderately high to high (0.20 to 2.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 15 percent

Gypsum, maximum content: 20 percent

Maximum salinity: Moderately saline to strongly saline (8.0 to 16.0 mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Very low (about 1.4 inches)

Map Unit Description: Cottonwood-Reeves loams, overflow, 0 to 3 percent slopes---Eddy Area,
New Mexico

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 6s

Hydrologic Soil Group: D

Ecological site: R070BB006NM - Gyp Upland

Hydric soil rating: No

Description of Reeves**Setting**

Landform: Plains, ridges, hills

Landform position (two-dimensional): Shoulder, backslope, footslope, toeslope

Landform position (three-dimensional): Side slope, head slope, nose slope, crest

Down-slope shape: Convex

Across-slope shape: Linear

Parent material: Residuum weathered from gypsum

Typical profile

H1 - 0 to 8 inches: loam

H2 - 8 to 32 inches: clay loam

H3 - 32 to 60 inches: gypsiferous material

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: High

Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: Occasional

Frequency of ponding: None

Calcium carbonate, maximum content: 25 percent

Gypsum, maximum content: 20 percent

Maximum salinity: Very slightly saline to moderately saline (2.0 to 8.0 mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Low (about 4.7 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 6w

Hydrologic Soil Group: B

Ecological site: R070BB006NM - Gyp Upland

Hydric soil rating: No

Minor Components**Unnamed soils**

Percent of map unit: 5 percent

Map Unit Description: Cottonwood-Reeves loams, overflow, 0 to 3 percent slopes---Eddy Area,
New Mexico

Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 19, Sep 7, 2023

Soil Map—Eddy Area, New Mexico



Soil Map may not be valid at this scale.

Map Scale: 1:1,350 if printed on A landscape (11" x 8.5") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 13N WGS84



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

7/18/2024
Page 1 of 3

Soil Map—Eddy Area, New Mexico

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

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

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

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

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

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

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

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

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 19, Sep 7, 2023

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

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

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



Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
CR	Cottonwood-Reeves loams, overflow, 0 to 3 percent slopes	8.8	100.0%
Totals for Area of Interest		8.8	100.0%

Laguna Salado South #1

Devon Energy
API #30-015-26407
Eddy County, NM
nLLB0631140464
nAB1506157520
Geologic Unit Map

Legend

-  Lacustrine and playa-lake deposits
-  Rustler Formation

Laguna Salado South #001

Google Earth



1000 ft



Appendix C

- C-141 Forms
- 48-Hour Notification

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

PI# 30-015-26407
nLLB0631140464

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Devon Energy Production Co., LP	6137	Contact: Jennifer Van Curen
Address: PO Box 250; Artesia, NM 88211		Telephone No. 505-748-0160
Facility Name Laguna Salado Fed 1		Facility Type Well

Surface Owner	Mineral Owner	Lease No.
---------------	---------------	-----------

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
F	22	23S	29E	2030	North	1980	West	Eddy

Latitude _____ Longitude _____

NATURE OF RELEASE

Type of Release: Water	Volume of Release: 62 bbls	Volume Recovered: 50 bbls
Source of Release: Seal broke	Date and Hour of Occurrence: 3-10-06: 10:30 AM	Date and Hour of Discovery: 3-10-06: 10:30 AM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mike Bratcher--OCD	
By Whom? Merle Lewis: Lease Operator	Date and Hour: 3-10-06: 1:36 PM	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

Seal on SWD transfer pump ruptured, spilling 62 bbls of produced water into dike. We recovered 50 bbls of produced water. Truck. Replaced seal on pump and discussed incident at safety meeting. Will continue to monitor seals at all transfer pumps.

Describe Area Affected and Cleanup Action Taken.*

Isolated pump and called mechanic & vac. 25' X 100' area affected.

RECEIVED

APR 19 2006

REC'D-ARTESIA

OCD-ARTESIA

APR 19 2006

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature: <i>Jennifer Van Curen</i>		OIL CONSERVATION DIVISION	
Printed Name: Jennifer Van Curen		Approved by District Supervisor: TIM GUM by MB <i>Mike Bratcher</i>	
Title: Production Field Tech		Approval Date: <i>4/9/06</i>	Expiration Date:
E-mail Address: jennifer.vancuren@dvn.com		Conditions of Approval:	
Date: 3/20/06	Phone: 748-0160	Attached <input checked="" type="checkbox"/>	

* Attach Additional Sheets If Necessary



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Mark E. Fesmire, P.E.

Director

Oil Conservation Division

Devon Energy Production Co., LP
P.O. Box 250
Artesia, NM 88211
ATTN: Environmental Department

April 9, 2007

Reference: **Laguna Salado Federal #1 22-23S-29E API # 30-015-26407 Eddy County, New Mexico**

Operator,

The New Mexico Oil Conservation Division District 2 Office (OCD) is in receipt of an Initial Report Form C-141 reporting a release of produced fluids that occurred on or about March 10, 2006 at the above referenced well site. Please submit a work plan proposal (plan) for remediation, removal and/or clean up of contaminants that may be present at this site. The plan is to be formulated based on vertical and horizontal delineation of contamination, site ranking, and OCD Rules and Guidelines.

A publication outlining OCD guidelines and requirements for site ranking and spill remediation can be found on the OCD website as follows: <http://www.emnrd.state.nm.us/ocd> Click on each of the following items as they appear:

- Publications
- Environmental Handbook
- Miscellaneous Guidelines
- Remediation of Leaks, Spills and Releases

Please submit this plan to the OCD District 2 office no later than May 9, 2007. Please include any remedial or clean up actions that have already been performed.

Remediation requirements may be subject to other federal, state, local laws and/or regulations.

If I can be of assistance in this matter, my contact information is listed below.

Sincerely,

A handwritten signature in cursive script, appearing to read "Mike Bratcher".

Mike Bratcher

NMOCD District 2

1301 W. Grand Ave.

Artesia, NM 88210

(505) 748-1283 Ext.108

(505) 626-0857

mike.bratcher@state.nm.us

Tracking number: nLLB0631140464



Tom Pima Oil <tom@pimaoil.com>

FW: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 363140

1 message

Woodall, Dale <Dale.Woodall@dvsn.com>
To: Tom Pima Oil <tom@pimaoil.com>

Thu, Jul 11, 2024 at 12:42 PM

Dale Woodall

Environmental Professional**Hobbs, NM****Office:** 575-748-1838**Mobile:** 405-318-4697Dale.Woodall@dvsn.com

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>**Sent:** Thursday, July 11, 2024 11:41 AM**To:** Woodall, Dale <Dale.Woodall@dvsn.com>**Subject:** [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 363140

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

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nLLB0631140464.

The sampling event is expected to take place:

When: 07/15/2024 @ 11:30**Where:** F-22-23S-29E 2030 FNL 1980 FWL (32.2922554,-103.9748001)**Additional Information:** Andrew Franco (806) 200-0054**Additional Instructions:** From the intersection of NM128 and Rawhide Road, travel south on Rawhide Rd for 4.1 miles, turn west on Rawhide Rd for 3.1 miles, turn north on lease road for 0.75 miles, turn west into location.

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

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

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

New Mexico Energy, Minerals and Natural Resources Department

[1220 South St. Francis Drive](#)

Santa Fe, NM 87505

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

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

State of New Mexico
Energy Minerals and Natural Resources

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

FEB 26 2015

Form C-141
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in
conformance with 19.15.29 NMAC.

RECEIVED

Release Notification and Corrective Action

NAB1506157520

0137 OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Devon Energy Production Company, LP	Contact Production Foreman; Joah Weidemann
Address PO Box 250 Artesia, NM 88211	Telephone No. 575-513-1528
Facility Name Laguna Salado South I	Facility Type Oil Well
Surface Owner: Federal	Mineral Owner: Federal
API No 30-015-26407	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
F	22	23S	29E	2030	North	1980	West	Eddy

Latitude: 32.2922560548116

Longitude: -103.974771533511

NATURE OF RELEASE

Type of Release Oil Spill	Volume of Release 8BBLS	Volume Recovered 8BBLS
Source of Release vent tank overflow	Date and Hour of Occurrence January 22, 2015 9:45 AM	Date and Hour of Discovery January 22, 2015 9:45 AM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Jeff Robertson; BLM & Mike Bratcher; OCD	
By Whom? David Washington; Assistant Production Foreman	Date and Hour January 22, 2015 2:00 PM	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse N/A	
If a Watercourse was Impacted, Describe Fully.* N/A		
Describe Cause of Problem and Remedial Action Taken.* The 2" valve leading from the 1440# separator to the water tanks was closed causing the vent tank to run over. The valve was immediately open upon discovery of the release to prevent further release.		
Describe Area Affected and Cleanup Action Taken.* 6 of the 8 released BBLS of oil were contained within the lined secondary containment. 2 of the 8 BBLS of released oil overflowed from the secondary containment onto the well pad on the north side of the vent tank. The size of the affected area was approximately 15'x15'. A vacuum truck recovered all 8 BBLS of oil spilled.		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.		
Signature: <u>Sandy Farley</u>	OIL CONSERVATION DIVISION	
Printed Name: Sandra Farley	Signed By <u>Mike Bratcher</u>	
Title: Field Admin Support	Approved by Environmental Specialist:	
E-mail Address: sandy.farley@dmv.com	Approval Date: <u>3/2/15</u>	Expiration Date: <u>NA</u>
Date: 01-23-2014 Phone: 575.746.5587	Conditions of Approval: in accordance with O.C.D. Rules & Guidelines	
ATTACH REMEDIATION PROPOSAL NO		Attached <input type="checkbox"/>

* Attach Additional Sheets If Necessary

APPROVED BY: 4/2/15

2RP-2845

Bratcher, Mike, EMNRD

From: Harris, Jacqui <Jacqui.Harris@dvn.com>
Sent: Thursday, February 26, 2015 3:03 PM
To: Bratcher, Mike, EMNRD; Patterson, Heather, EMNRD
Cc: Singleton, Stacie
Subject: Laguna Salado South 1 Initial C-141
Attachments: Laguna Salado South 1 Spill 8BBLs 1.22.15 Initial C-141.pdf; Laguna Salado South 1 Spill 8BBLs 1.22.15 GIS Image.pdf; Laguna Salado South 1 Spill 8BBLs 1.22.15 pic 4 of 6.JPG; Laguna Salado South 1 Spill 8BBLs 1.22.15 pic 1 of 6.JPG; Laguna Salado South 1 Spill 8BBLs 1.22.15 pic 6 of 6.JPG; Laguna Salado South 1 Spill 8BBLs 1.22.15 pic 2 of 6.JPG; Laguna Salado South 1 Spill 8BBLs 1.22.15 pic 3 of 6.JPG; Laguna Salado South 1 Spill 8BBLs 1.22.15 pic 5 of 6.JPG

Mr. Bratcher,

Please find the attached C-141, GIS image, & pictures of the spill for the Laguna Salado South 1. This C-141 was sent inadvertently to the BLM only on 1-26-15. We deeply apologize for this oversight and will make sure that it does not happen again.

Thank you,

Jacqui Harris

Field Admin Support
A-Schedule
Devon Energy Corporation
PO Box 250
Artesia, New Mexico 88211
575-748-0191



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



Tom Pima Oil <tom@pimaoil.com>

FW: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 363263

1 message

Woodall, Dale <Dale.Woodall@dvn.com>
To: Tom Pima Oil <tom@pimaoil.com>

Thu, Jul 11, 2024 at 12:42 PM

Dale Woodall

Environmental Professional**Hobbs, NM****Office:** 575-748-1838**Mobile:** 405-318-4697Dale.Woodall@dvn.com

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>**Sent:** Thursday, July 11, 2024 11:42 AM**To:** Woodall, Dale <Dale.Woodall@dvn.com>**Subject:** [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 363263

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

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAB1506157520.

The sampling event is expected to take place:

When: 07/15/2024 @ 12:00**Where:** F-22-23S-29E 2030 FNL 1980 FWL (32.2922554,-103.9748001)**Additional Information:** Andrew Franco (806) 200-0054**Additional Instructions:** From the intersection of NM128 and Rawhide Road, travel south on Rawhide Rd for 4.1 miles, turn west on Rawhide Rd for 3.1 miles, turn north on lease road for 0.75 miles, turn west into location.

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

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

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

New Mexico Energy, Minerals and Natural Resources Department

1220 South St. Francis Drive

Santa Fe, NM 87505

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



Appendix D

○ Photographic Documentation

Site Assessment



Lease Sign



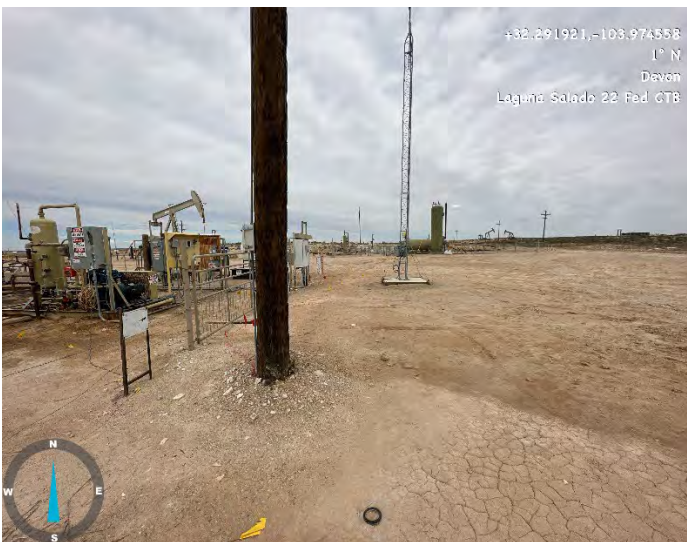
East side of battery



Wellhead and north of battery



East side of battery looking south



East of panels and pumps looking north



South side of pumps and panels



South side of battery



Excavation Hydro-vac P1 area



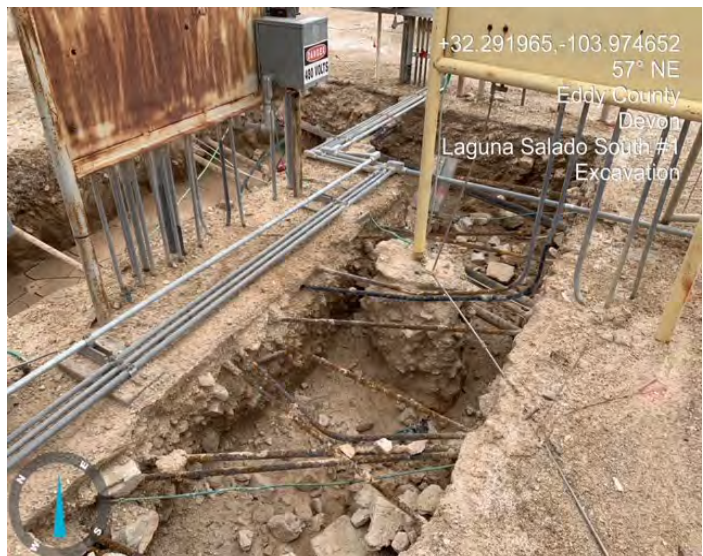
Excavation N2 area



Excavation N2 area



Excavation P1 area



Excavation P1 area



Excavation P1 area



Excavation N2 area



Excavation N2 area



Excavation P1 area



Excavation P1 area



Excavation P1 area



Excavation N2 area



Excavation N2 area



Excavation N2 area



Backfill N2 area



Backfill N2 area



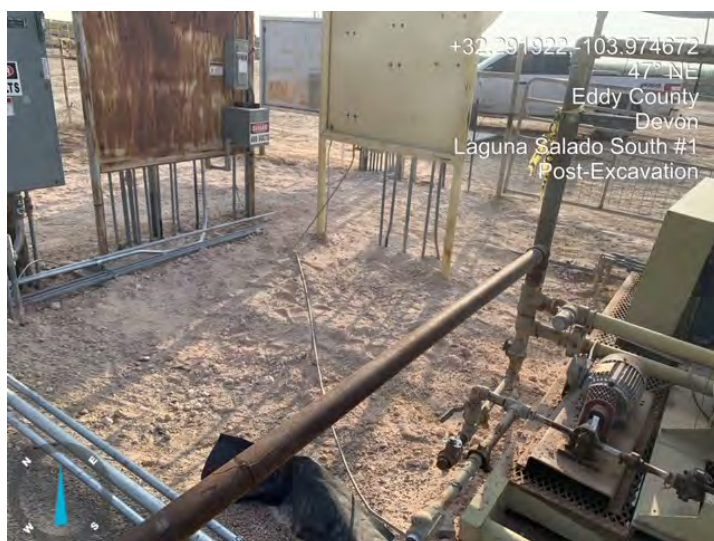
Backfill P1 area



Backfill P1 area



Backfill P1 area



Backfill P1 area



Appendix E

○ Laboratory Reports

Report to:
Tom Bynum



5796 U.S. Hwy 64
Farmington, NM 87401

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



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Laguna Salado South #1

Work Order: E303125

Job Number: 01058-0007

Received: 3/30/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/5/23

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

Date Reported: 4/5/23



Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Laguna Salado South #1
Workorder: E303125
Date Received: 3/30/2023 7:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/30/2023 7:00:00AM, under the Project Name: Laguna Salado South #1.

The analytical test results summarized in this report with the Project Name: Laguna Salado South #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,

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

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

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

Field Offices:

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

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	04/05/23 08:49

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
P1 - 1'	E303125-01A	Soil	03/28/23	03/30/23	Glass Jar, 2 oz.
P1 - 3'	E303125-02A	Soil	03/28/23	03/30/23	Glass Jar, 2 oz.
P1 - 4'	E303125-03A	Soil	03/28/23	03/30/23	Glass Jar, 2 oz.
P2 - 1'	E303125-04A	Soil	03/28/23	03/30/23	Glass Jar, 2 oz.
P2 - 3'	E303125-05A	Soil	03/28/23	03/30/23	Glass Jar, 2 oz.
P2 - 4'	E303125-06A	Soil	03/28/23	03/30/23	Glass Jar, 2 oz.
P3 - 1'	E303125-07A	Soil	03/28/23	03/30/23	Glass Jar, 2 oz.
P3 - 3'	E303125-08A	Soil	03/28/23	03/30/23	Glass Jar, 2 oz.
P3 - 4'	E303125-09A	Soil	03/28/23	03/30/23	Glass Jar, 2 oz.
BG2 - 1'	E303125-10A	Soil	03/28/23	03/30/23	Glass Jar, 2 oz.
BG2 - 3'	E303125-11A	Soil	03/28/23	03/30/23	Glass Jar, 2 oz.
BG2 - 4'	E303125-12A	Soil	03/28/23	03/30/23	Glass Jar, 2 oz.



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/5/2023 8:49:14AM

P1 - 1'

E303125-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2313052	
Benzene	ND	0.0250	1	03/30/23	03/30/23	
Ethylbenzene	ND	0.0250	1	03/30/23	03/30/23	
Toluene	ND	0.0250	1	03/30/23	03/30/23	
o-Xylene	ND	0.0250	1	03/30/23	03/30/23	
p,m-Xylene	ND	0.0500	1	03/30/23	03/30/23	
Total Xylenes	ND	0.0250	1	03/30/23	03/30/23	
Surrogate: Bromofluorobenzene	93.4 %	70-130		03/30/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		03/30/23	03/30/23	
Surrogate: Toluene-d8	103 %	70-130		03/30/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2313052	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/23	03/30/23	
Surrogate: Bromofluorobenzene	93.4 %	70-130		03/30/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		03/30/23	03/30/23	
Surrogate: Toluene-d8	103 %	70-130		03/30/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2313085	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/23	03/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/23	03/31/23	
Surrogate: n-Nonane	90.7 %	50-200		03/31/23	03/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2313058	
Chloride	8670	1000	50	03/30/23	03/30/23	



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/5/2023 8:49:14AM

P1 - 3'

E303125-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313052
Benzene	ND	0.0250	1	03/30/23	03/30/23	
Ethylbenzene	ND	0.0250	1	03/30/23	03/30/23	
Toluene	ND	0.0250	1	03/30/23	03/30/23	
o-Xylene	ND	0.0250	1	03/30/23	03/30/23	
p,m-Xylene	ND	0.0500	1	03/30/23	03/30/23	
Total Xylenes	ND	0.0250	1	03/30/23	03/30/23	
Surrogate: Bromofluorobenzene	95.0 %	70-130		03/30/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		03/30/23	03/30/23	
Surrogate: Toluene-d8	103 %	70-130		03/30/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313052
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/23	03/30/23	
Surrogate: Bromofluorobenzene	95.0 %	70-130		03/30/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		03/30/23	03/30/23	
Surrogate: Toluene-d8	103 %	70-130		03/30/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2313085
Diesel Range Organics (C10-C28)	33.0	25.0	1	03/31/23	04/03/23	
Oil Range Organics (C28-C36)	76.1	50.0	1	03/31/23	04/03/23	
Surrogate: n-Nonane	94.7 %	50-200		03/31/23	04/03/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313058
Chloride	12200	1000	50	03/30/23	03/30/23	



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/5/2023 8:49:14AM

P1 - 4'

E303125-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313052
Benzene	ND	0.0250	1	03/30/23	03/30/23	
Ethylbenzene	ND	0.0250	1	03/30/23	03/30/23	
Toluene	ND	0.0250	1	03/30/23	03/30/23	
o-Xylene	ND	0.0250	1	03/30/23	03/30/23	
p,m-Xylene	ND	0.0500	1	03/30/23	03/30/23	
Total Xylenes	ND	0.0250	1	03/30/23	03/30/23	
Surrogate: Bromofluorobenzene	93.3 %	70-130		03/30/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		03/30/23	03/30/23	
Surrogate: Toluene-d8	102 %	70-130		03/30/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313052
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/23	03/30/23	
Surrogate: Bromofluorobenzene	93.3 %	70-130		03/30/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		03/30/23	03/30/23	
Surrogate: Toluene-d8	102 %	70-130		03/30/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2313085
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/23	03/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/23	03/31/23	
Surrogate: n-Nonane	107 %	50-200		03/31/23	03/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313058
Chloride	10400	1000	50	03/30/23	03/30/23	



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/5/2023 8:49:14AM

P2 - 1'

E303125-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313052
Benzene	ND	0.0250	1	03/30/23	03/30/23	
Ethylbenzene	ND	0.0250	1	03/30/23	03/30/23	
Toluene	ND	0.0250	1	03/30/23	03/30/23	
o-Xylene	ND	0.0250	1	03/30/23	03/30/23	
p,m-Xylene	ND	0.0500	1	03/30/23	03/30/23	
Total Xylenes	ND	0.0250	1	03/30/23	03/30/23	
Surrogate: Bromofluorobenzene	93.3 %	70-130		03/30/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		03/30/23	03/30/23	
Surrogate: Toluene-d8	103 %	70-130		03/30/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313052
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/23	03/30/23	
Surrogate: Bromofluorobenzene	93.3 %	70-130		03/30/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		03/30/23	03/30/23	
Surrogate: Toluene-d8	103 %	70-130		03/30/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2313085
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/23	03/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/23	03/31/23	
Surrogate: n-Nonane	106 %	50-200		03/31/23	03/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313058
Chloride	10900	1000	50	03/30/23	03/30/23	



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/5/2023 8:49:14AM

P2 - 3'

E303125-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313052
Benzene	ND	0.0250	1	03/30/23	03/30/23	
Ethylbenzene	ND	0.0250	1	03/30/23	03/30/23	
Toluene	ND	0.0250	1	03/30/23	03/30/23	
o-Xylene	ND	0.0250	1	03/30/23	03/30/23	
p,m-Xylene	ND	0.0500	1	03/30/23	03/30/23	
Total Xylenes	ND	0.0250	1	03/30/23	03/30/23	
Surrogate: Bromofluorobenzene	93.9 %	70-130		03/30/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		03/30/23	03/30/23	
Surrogate: Toluene-d8	101 %	70-130		03/30/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313052
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/23	03/30/23	
Surrogate: Bromofluorobenzene	93.9 %	70-130		03/30/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		03/30/23	03/30/23	
Surrogate: Toluene-d8	101 %	70-130		03/30/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2313085
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/23	03/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/23	03/31/23	
Surrogate: n-Nonane	105 %	50-200		03/31/23	03/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313058
Chloride	9360	1000	50	03/30/23	03/30/23	



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/5/2023 8:49:14AM

P2 - 4'

E303125-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313052
Benzene	ND	0.0250	1	03/30/23	03/30/23	
Ethylbenzene	ND	0.0250	1	03/30/23	03/30/23	
Toluene	ND	0.0250	1	03/30/23	03/30/23	
o-Xylene	ND	0.0250	1	03/30/23	03/30/23	
p,m-Xylene	ND	0.0500	1	03/30/23	03/30/23	
Total Xylenes	ND	0.0250	1	03/30/23	03/30/23	
Surrogate: Bromofluorobenzene	94.7 %	70-130		03/30/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		03/30/23	03/30/23	
Surrogate: Toluene-d8	102 %	70-130		03/30/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313052
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/23	03/30/23	
Surrogate: Bromofluorobenzene	94.7 %	70-130		03/30/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		03/30/23	03/30/23	
Surrogate: Toluene-d8	102 %	70-130		03/30/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2313085
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/23	03/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/23	03/31/23	
Surrogate: n-Nonane	86.7 %	50-200		03/31/23	03/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313058
Chloride	9880	1000	50	03/30/23	03/30/23	



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/5/2023 8:49:14AM

P3 - 1'

E303125-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313052
Benzene	ND	0.0250	1	03/30/23	03/30/23	
Ethylbenzene	ND	0.0250	1	03/30/23	03/30/23	
Toluene	ND	0.0250	1	03/30/23	03/30/23	
o-Xylene	ND	0.0250	1	03/30/23	03/30/23	
p,m-Xylene	ND	0.0500	1	03/30/23	03/30/23	
Total Xylenes	ND	0.0250	1	03/30/23	03/30/23	
Surrogate: Bromofluorobenzene	94.9 %	70-130		03/30/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		03/30/23	03/30/23	
Surrogate: Toluene-d8	102 %	70-130		03/30/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313052
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/23	03/30/23	
Surrogate: Bromofluorobenzene	94.9 %	70-130		03/30/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		03/30/23	03/30/23	
Surrogate: Toluene-d8	102 %	70-130		03/30/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2313085
Diesel Range Organics (C10-C28)	ND	50.0	2	03/31/23	04/01/23	
Oil Range Organics (C28-C36)	ND	100	2	03/31/23	04/01/23	
Surrogate: n-Nonane	108 %	50-200		03/31/23	04/01/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313058
Chloride	9230	1000	50	03/30/23	03/30/23	



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/5/2023 8:49:14AM

P3 - 3'

E303125-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313052
Benzene	ND	0.0250	1	03/30/23	03/30/23	
Ethylbenzene	ND	0.0250	1	03/30/23	03/30/23	
Toluene	ND	0.0250	1	03/30/23	03/30/23	
o-Xylene	ND	0.0250	1	03/30/23	03/30/23	
p,m-Xylene	ND	0.0500	1	03/30/23	03/30/23	
Total Xylenes	ND	0.0250	1	03/30/23	03/30/23	
Surrogate: Bromofluorobenzene	93.9 %	70-130		03/30/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	99.5 %	70-130		03/30/23	03/30/23	
Surrogate: Toluene-d8	102 %	70-130		03/30/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313052
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/23	03/30/23	
Surrogate: Bromofluorobenzene	93.9 %	70-130		03/30/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	99.5 %	70-130		03/30/23	03/30/23	
Surrogate: Toluene-d8	102 %	70-130		03/30/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2313085
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/23	03/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/23	03/31/23	
Surrogate: n-Nonane	95.2 %	50-200		03/31/23	03/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313058
Chloride	7930	1000	50	03/30/23	03/30/23	



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/5/2023 8:49:14AM

P3 - 4'

E303125-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313052
Benzene	ND	0.0250	1	03/30/23	03/30/23	
Ethylbenzene	ND	0.0250	1	03/30/23	03/30/23	
Toluene	ND	0.0250	1	03/30/23	03/30/23	
o-Xylene	ND	0.0250	1	03/30/23	03/30/23	
p,m-Xylene	ND	0.0500	1	03/30/23	03/30/23	
Total Xylenes	ND	0.0250	1	03/30/23	03/30/23	
Surrogate: Bromofluorobenzene	92.9 %	70-130		03/30/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		03/30/23	03/30/23	
Surrogate: Toluene-d8	103 %	70-130		03/30/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313052
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/23	03/30/23	
Surrogate: Bromofluorobenzene	92.9 %	70-130		03/30/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		03/30/23	03/30/23	
Surrogate: Toluene-d8	103 %	70-130		03/30/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2313085
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/23	03/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/23	03/31/23	
Surrogate: n-Nonane	93.6 %	50-200		03/31/23	03/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313058
Chloride	13800	2000	100	03/30/23	03/30/23	



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/5/2023 8:49:14AM

BG2 - 1'

E303125-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313052
Benzene	ND	0.0250	1	03/30/23	03/30/23	
Ethylbenzene	ND	0.0250	1	03/30/23	03/30/23	
Toluene	ND	0.0250	1	03/30/23	03/30/23	
o-Xylene	ND	0.0250	1	03/30/23	03/30/23	
p,m-Xylene	ND	0.0500	1	03/30/23	03/30/23	
Total Xylenes	ND	0.0250	1	03/30/23	03/30/23	
Surrogate: Bromofluorobenzene	92.9 %	70-130		03/30/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	99.6 %	70-130		03/30/23	03/30/23	
Surrogate: Toluene-d8	103 %	70-130		03/30/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313052
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/23	03/30/23	
Surrogate: Bromofluorobenzene	92.9 %	70-130		03/30/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	99.6 %	70-130		03/30/23	03/30/23	
Surrogate: Toluene-d8	103 %	70-130		03/30/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2313085
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/23	03/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/23	03/31/23	
Surrogate: n-Nonane	107 %	50-200		03/31/23	03/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313058
Chloride	8800	1000	50	03/30/23	03/30/23	



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/5/2023 8:49:14AM

BG2 - 3'

E303125-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313052
Benzene	ND	0.0250	1	03/30/23	03/30/23	
Ethylbenzene	ND	0.0250	1	03/30/23	03/30/23	
Toluene	ND	0.0250	1	03/30/23	03/30/23	
o-Xylene	ND	0.0250	1	03/30/23	03/30/23	
p,m-Xylene	ND	0.0500	1	03/30/23	03/30/23	
Total Xylenes	ND	0.0250	1	03/30/23	03/30/23	
Surrogate: Bromofluorobenzene	91.6 %	70-130		03/30/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	97.3 %	70-130		03/30/23	03/30/23	
Surrogate: Toluene-d8	103 %	70-130		03/30/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313052
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/23	03/30/23	
Surrogate: Bromofluorobenzene	91.6 %	70-130		03/30/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	97.3 %	70-130		03/30/23	03/30/23	
Surrogate: Toluene-d8	103 %	70-130		03/30/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2313085
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/23	03/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/23	03/31/23	
Surrogate: n-Nonane	102 %	50-200		03/31/23	03/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313058
Chloride	7160	1000	50	03/30/23	03/30/23	



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/5/2023 8:49:14AM

BG2 - 4'

E303125-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313052
Benzene	ND	0.0250	1	03/30/23	03/30/23	
Ethylbenzene	ND	0.0250	1	03/30/23	03/30/23	
Toluene	ND	0.0250	1	03/30/23	03/30/23	
o-Xylene	ND	0.0250	1	03/30/23	03/30/23	
p,m-Xylene	ND	0.0500	1	03/30/23	03/30/23	
Total Xylenes	ND	0.0250	1	03/30/23	03/30/23	
Surrogate: Bromofluorobenzene	92.1 %	70-130		03/30/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	99.4 %	70-130		03/30/23	03/30/23	
Surrogate: Toluene-d8	102 %	70-130		03/30/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313052
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/23	03/30/23	
Surrogate: Bromofluorobenzene	92.1 %	70-130		03/30/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4	99.4 %	70-130		03/30/23	03/30/23	
Surrogate: Toluene-d8	102 %	70-130		03/30/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2313085
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/23	04/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/23	04/01/23	
Surrogate: n-Nonane	106 %	50-200		03/31/23	04/01/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313058
Chloride	8600	400	20	03/30/23	03/30/23	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/5/2023 8:49:14AM

Volatile Organic Compounds by EPA 8260B

Analyst: SL

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

Blank (2313052-BLK1)

Prepared: 03/30/23 Analyzed: 03/31/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.461		0.500		92.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.473		0.500		94.5	70-130			
Surrogate: Toluene-d8	0.521		0.500		104	70-130			

LCS (2313052-BS1)

Prepared: 03/30/23 Analyzed: 03/31/23

Benzene	2.18	0.0250	2.50		87.4	70-130			
Ethylbenzene	2.25	0.0250	2.50		90.2	70-130			
Toluene	2.32	0.0250	2.50		92.8	70-130			
o-Xylene	2.29	0.0250	2.50		91.6	70-130			
p,m-Xylene	4.58	0.0500	5.00		91.6	70-130			
Total Xylenes	6.87	0.0250	7.50		91.6	70-130			
Surrogate: Bromofluorobenzene	0.503		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.479		0.500		95.8	70-130			
Surrogate: Toluene-d8	0.520		0.500		104	70-130			

Matrix Spike (2313052-MS1)

Source: E303125-01

Prepared: 03/30/23 Analyzed: 03/31/23

Benzene	2.23	0.0250	2.50	ND	89.3	48-131			
Ethylbenzene	2.28	0.0250	2.50	ND	91.3	45-135			
Toluene	2.28	0.0250	2.50	ND	91.2	48-130			
o-Xylene	2.30	0.0250	2.50	ND	91.9	43-135			
p,m-Xylene	4.56	0.0500	5.00	ND	91.2	43-135			
Total Xylenes	6.86	0.0250	7.50	ND	91.4	43-135			
Surrogate: Bromofluorobenzene	0.490		0.500		97.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.480		0.500		95.9	70-130			
Surrogate: Toluene-d8	0.516		0.500		103	70-130			

Matrix Spike Dup (2313052-MSD1)

Source: E303125-01

Prepared: 03/30/23 Analyzed: 03/31/23

Benzene	2.14	0.0250	2.50	ND	85.4	48-131	4.42	23	
Ethylbenzene	2.19	0.0250	2.50	ND	87.7	45-135	4.00	27	
Toluene	2.20	0.0250	2.50	ND	87.8	48-130	3.71	24	
o-Xylene	2.19	0.0250	2.50	ND	87.7	43-135	4.65	27	
p,m-Xylene	4.38	0.0500	5.00	ND	87.6	43-135	4.04	27	
Total Xylenes	6.57	0.0250	7.50	ND	87.6	43-135	4.24	27	
Surrogate: Bromofluorobenzene	0.491		0.500		98.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.6	70-130			
Surrogate: Toluene-d8	0.515		0.500		103	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Laguna Salado South #1 Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 4/5/2023 8:49:14AM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2313052-BLK1)

Prepared: 03/30/23 Analyzed: 03/31/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.461		0.500		92.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.473		0.500		94.5	70-130			
Surrogate: Toluene-d8	0.521		0.500		104	70-130			

LCS (2313052-BS2)

Prepared: 03/30/23 Analyzed: 03/31/23

Gasoline Range Organics (C6-C10)	51.4	20.0	50.0		103	70-130			
Surrogate: Bromofluorobenzene	0.484		0.500		96.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.477		0.500		95.3	70-130			
Surrogate: Toluene-d8	0.523		0.500		105	70-130			

Matrix Spike (2313052-MS2)

Source: E303125-01

Prepared: 03/30/23 Analyzed: 03/31/23

Gasoline Range Organics (C6-C10)	54.1	20.0	50.0	ND	108	70-130			
Surrogate: Bromofluorobenzene	0.485		0.500		96.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.479		0.500		95.7	70-130			
Surrogate: Toluene-d8	0.523		0.500		105	70-130			

Matrix Spike Dup (2313052-MSD2)

Source: E303125-01

Prepared: 03/30/23 Analyzed: 03/31/23

Gasoline Range Organics (C6-C10)	48.4	20.0	50.0	ND	96.8	70-130	11.1	20	
Surrogate: Bromofluorobenzene	0.479		0.500		95.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.462		0.500		92.4	70-130			
Surrogate: Toluene-d8	0.521		0.500		104	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/5/2023 8:49:14AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2313085-BLK1)					Prepared: 03/31/23 Analyzed: 03/31/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.7		50.0		109	50-200			

LCS (2313085-BS1)					Prepared: 03/31/23 Analyzed: 03/31/23				
Diesel Range Organics (C10-C28)	284	25.0	250		114	38-132			
Surrogate: n-Nonane	53.7		50.0		107	50-200			

Matrix Spike (2313085-MS1)					Source: E303125-03		Prepared: 03/31/23 Analyzed: 03/31/23		
Diesel Range Organics (C10-C28)	281	25.0	250	ND	112	38-132			
Surrogate: n-Nonane	50.8		50.0		102	50-200			

Matrix Spike Dup (2313085-MSD1)					Source: E303125-03		Prepared: 03/31/23 Analyzed: 03/31/23		
Diesel Range Organics (C10-C28)	283	25.0	250	ND	113	38-132	0.763	20	
Surrogate: n-Nonane	50.9		50.0		102	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/5/2023 8:49:14AM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2313058-BLK1)					Prepared: 03/30/23 Analyzed: 03/30/23				
Chloride	ND	20.0							
LCS (2313058-BS1)					Prepared: 03/30/23 Analyzed: 03/30/23				
Chloride	251	20.0	250		101	90-110			
Matrix Spike (2313058-MS1)					Source: E303125-01		Prepared: 03/30/23 Analyzed: 03/30/23		
Chloride	7690	1000	250	8670	NR	80-120			M5, R3
Matrix Spike Dup (2313058-MSD1)					Source: E303125-01		Prepared: 03/30/23 Analyzed: 03/30/23		
Chloride	10700	1000	250	8670	801	80-120	32.5	20	M5, R3

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	04/05/23 08:49

- M5 The analysis of the MS sample required a dilution such that the spike recovery calculation does not provide useful information. The accociated LCS spike recovery was acceptable.
- R3 The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

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

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







Envirotech Analytical Laboratory

Printed: 3/30/2023 10:24:12AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	03/30/23 07:00	Work Order ID:	E303125
Phone:	(575) 631-6977	Date Logged In:	03/29/23 15:06	Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	04/05/23 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
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:
Tom Bynum



5796 U.S. Hwy 64
Farmington, NM 87401

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



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Laguna Salado South #1

Work Order: E303133

Job Number: 01058-0007

Received: 3/30/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/5/23

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

Date Reported: 4/5/23



Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Laguna Salado South #1
Workorder: E303133
Date Received: 3/30/2023 7:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/30/2023 7:00:00AM, under the Project Name: Laguna Salado South #1.

The analytical test results summarized in this report with the Project Name: Laguna Salado South #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,

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

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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	04/05/23 08:56

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
N1 - 1'	E303133-01A	Soil	03/28/23	03/30/23	Glass Jar, 2 oz.
N1 - 3'	E303133-02A	Soil	03/28/23	03/30/23	Glass Jar, 2 oz.
N1 - 4'	E303133-03A	Soil	03/28/23	03/30/23	Glass Jar, 2 oz.
N2 - 1'	E303133-04A	Soil	03/28/23	03/30/23	Glass Jar, 2 oz.
N2 - 3'	E303133-05A	Soil	03/28/23	03/30/23	Glass Jar, 2 oz.
N2 - 4'	E303133-06A	Soil	03/28/23	03/30/23	Glass Jar, 2 oz.
N3 - 1'	E303133-07A	Soil	03/28/23	03/30/23	Glass Jar, 2 oz.
N3 - 3'	E303133-08A	Soil	03/28/23	03/30/23	Glass Jar, 2 oz.
N3 - 4'	E303133-09A	Soil	03/28/23	03/30/23	Glass Jar, 2 oz.
BG1 - 1'	E303133-10A	Soil	03/28/23	03/30/23	Glass Jar, 2 oz.
BG1 - 3'	E303133-11A	Soil	03/28/23	03/30/23	Glass Jar, 2 oz.
BG1 - 4'	E303133-12A	Soil	03/28/23	03/30/23	Glass Jar, 2 oz.



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/5/2023 8:56:20AM

N1 - 1'

E303133-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313054
Benzene	ND	0.0250	1	03/30/23	03/31/23	
Ethylbenzene	ND	0.0250	1	03/30/23	03/31/23	
Toluene	ND	0.0250	1	03/30/23	03/31/23	
o-Xylene	ND	0.0250	1	03/30/23	03/31/23	
p,m-Xylene	ND	0.0500	1	03/30/23	03/31/23	
Total Xylenes	ND	0.0250	1	03/30/23	03/31/23	
Surrogate: Bromofluorobenzene	92.9 %	70-130		03/30/23	03/31/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		03/30/23	03/31/23	
Surrogate: Toluene-d8	103 %	70-130		03/30/23	03/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313054
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/23	03/31/23	
Surrogate: Bromofluorobenzene	92.9 %	70-130		03/30/23	03/31/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		03/30/23	03/31/23	
Surrogate: Toluene-d8	103 %	70-130		03/30/23	03/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2313070
Diesel Range Organics (C10-C28)	ND	25.0	1	03/30/23	03/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/30/23	03/31/23	
Surrogate: n-Nonane	93.0 %	50-200		03/30/23	03/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313092
Chloride	9720	400	20	03/31/23	04/01/23	



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/5/2023 8:56:20AM

N1 - 3'

E303133-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313054
Benzene	ND	0.0250	1	03/30/23	03/31/23	
Ethylbenzene	ND	0.0250	1	03/30/23	03/31/23	
Toluene	ND	0.0250	1	03/30/23	03/31/23	
o-Xylene	ND	0.0250	1	03/30/23	03/31/23	
p,m-Xylene	ND	0.0500	1	03/30/23	03/31/23	
Total Xylenes	ND	0.0250	1	03/30/23	03/31/23	
Surrogate: Bromofluorobenzene	91.7 %	70-130		03/30/23	03/31/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		03/30/23	03/31/23	
Surrogate: Toluene-d8	103 %	70-130		03/30/23	03/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313054
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/23	03/31/23	
Surrogate: Bromofluorobenzene	91.7 %	70-130		03/30/23	03/31/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		03/30/23	03/31/23	
Surrogate: Toluene-d8	103 %	70-130		03/30/23	03/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2313070
Diesel Range Organics (C10-C28)	ND	50.0	2	03/30/23	03/31/23	
Oil Range Organics (C28-C36)	ND	100	2	03/30/23	03/31/23	
Surrogate: n-Nonane	119 %	50-200		03/30/23	03/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313092
Chloride	13400	400	20	03/31/23	04/01/23	



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/5/2023 8:56:20AM

N1 - 4'

E303133-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313054
Benzene	ND	0.0250	1	03/30/23	03/31/23	
Ethylbenzene	ND	0.0250	1	03/30/23	03/31/23	
Toluene	ND	0.0250	1	03/30/23	03/31/23	
o-Xylene	ND	0.0250	1	03/30/23	03/31/23	
p,m-Xylene	ND	0.0500	1	03/30/23	03/31/23	
Total Xylenes	ND	0.0250	1	03/30/23	03/31/23	
Surrogate: Bromofluorobenzene	93.3 %	70-130		03/30/23	03/31/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		03/30/23	03/31/23	
Surrogate: Toluene-d8	103 %	70-130		03/30/23	03/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313054
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/23	03/31/23	
Surrogate: Bromofluorobenzene	93.3 %	70-130		03/30/23	03/31/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		03/30/23	03/31/23	
Surrogate: Toluene-d8	103 %	70-130		03/30/23	03/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2313070
Diesel Range Organics (C10-C28)	ND	25.0	1	03/30/23	03/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/30/23	03/31/23	
Surrogate: n-Nonane	91.6 %	50-200		03/30/23	03/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313092
Chloride	12200	400	20	03/31/23	04/01/23	



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/5/2023 8:56:20AM

N2 - 1'

E303133-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313054
Benzene	ND	0.0250	1	03/30/23	03/31/23	
Ethylbenzene	ND	0.0250	1	03/30/23	03/31/23	
Toluene	ND	0.0250	1	03/30/23	03/31/23	
o-Xylene	ND	0.0250	1	03/30/23	03/31/23	
p,m-Xylene	ND	0.0500	1	03/30/23	03/31/23	
Total Xylenes	ND	0.0250	1	03/30/23	03/31/23	
Surrogate: Bromofluorobenzene	93.2 %	70-130		03/30/23	03/31/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		03/30/23	03/31/23	
Surrogate: Toluene-d8	104 %	70-130		03/30/23	03/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313054
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/23	03/31/23	
Surrogate: Bromofluorobenzene	93.2 %	70-130		03/30/23	03/31/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		03/30/23	03/31/23	
Surrogate: Toluene-d8	104 %	70-130		03/30/23	03/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2313070
Diesel Range Organics (C10-C28)	ND	25.0	1	03/30/23	03/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/30/23	03/31/23	
Surrogate: n-Nonane	94.0 %	50-200		03/30/23	03/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313092
Chloride	10800	400	20	03/31/23	04/01/23	



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/5/2023 8:56:20AM

N2 - 3'

E303133-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313054
Benzene	ND	0.0250	1	03/30/23	03/31/23	
Ethylbenzene	ND	0.0250	1	03/30/23	03/31/23	
Toluene	ND	0.0250	1	03/30/23	03/31/23	
o-Xylene	ND	0.0250	1	03/30/23	03/31/23	
p,m-Xylene	ND	0.0500	1	03/30/23	03/31/23	
Total Xylenes	ND	0.0250	1	03/30/23	03/31/23	
Surrogate: Bromofluorobenzene	92.0 %	70-130		03/30/23	03/31/23	
Surrogate: 1,2-Dichloroethane-d4	98.8 %	70-130		03/30/23	03/31/23	
Surrogate: Toluene-d8	105 %	70-130		03/30/23	03/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313054
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/23	03/31/23	
Surrogate: Bromofluorobenzene	92.0 %	70-130		03/30/23	03/31/23	
Surrogate: 1,2-Dichloroethane-d4	98.8 %	70-130		03/30/23	03/31/23	
Surrogate: Toluene-d8	105 %	70-130		03/30/23	03/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2313070
Diesel Range Organics (C10-C28)	38.4	25.0	1	03/30/23	04/03/23	
Oil Range Organics (C28-C36)	108	50.0	1	03/30/23	04/03/23	
Surrogate: n-Nonane	96.7 %	50-200		03/30/23	04/03/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313092
Chloride	10900	400	20	03/31/23	04/01/23	



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/5/2023 8:56:20AM

N2 - 4'

E303133-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313054
Benzene	ND	0.0250	1	03/30/23	03/31/23	
Ethylbenzene	ND	0.0250	1	03/30/23	03/31/23	
Toluene	ND	0.0250	1	03/30/23	03/31/23	
o-Xylene	ND	0.0250	1	03/30/23	03/31/23	
p,m-Xylene	ND	0.0500	1	03/30/23	03/31/23	
Total Xylenes	ND	0.0250	1	03/30/23	03/31/23	
Surrogate: Bromofluorobenzene	91.7 %	70-130		03/30/23	03/31/23	
Surrogate: 1,2-Dichloroethane-d4	98.9 %	70-130		03/30/23	03/31/23	
Surrogate: Toluene-d8	104 %	70-130		03/30/23	03/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313054
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/23	03/31/23	
Surrogate: Bromofluorobenzene	91.7 %	70-130		03/30/23	03/31/23	
Surrogate: 1,2-Dichloroethane-d4	98.9 %	70-130		03/30/23	03/31/23	
Surrogate: Toluene-d8	104 %	70-130		03/30/23	03/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2313070
Diesel Range Organics (C10-C28)	ND	25.0	1	03/30/23	04/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/30/23	04/01/23	
Surrogate: n-Nonane	99.3 %	50-200		03/30/23	04/01/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313092
Chloride	10000	400	20	03/31/23	04/01/23	



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/5/2023 8:56:20AM

N3 - 1'

E303133-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313054
Benzene	ND	0.0250	1	03/30/23	03/31/23	
Ethylbenzene	ND	0.0250	1	03/30/23	03/31/23	
Toluene	ND	0.0250	1	03/30/23	03/31/23	
o-Xylene	ND	0.0250	1	03/30/23	03/31/23	
p,m-Xylene	ND	0.0500	1	03/30/23	03/31/23	
Total Xylenes	ND	0.0250	1	03/30/23	03/31/23	
Surrogate: Bromofluorobenzene	92.6 %	70-130		03/30/23	03/31/23	
Surrogate: 1,2-Dichloroethane-d4	98.9 %	70-130		03/30/23	03/31/23	
Surrogate: Toluene-d8	104 %	70-130		03/30/23	03/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313054
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/23	03/31/23	
Surrogate: Bromofluorobenzene	92.6 %	70-130		03/30/23	03/31/23	
Surrogate: 1,2-Dichloroethane-d4	98.9 %	70-130		03/30/23	03/31/23	
Surrogate: Toluene-d8	104 %	70-130		03/30/23	03/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2313070
Diesel Range Organics (C10-C28)	ND	25.0	1	03/30/23	04/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/30/23	04/01/23	
Surrogate: n-Nonane	98.8 %	50-200		03/30/23	04/01/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313092
Chloride	9150	400	20	03/31/23	04/01/23	



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/5/2023 8:56:20AM

N3 - 3'

E303133-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313054
Benzene	ND	0.0250	1	03/30/23	03/31/23	
Ethylbenzene	ND	0.0250	1	03/30/23	03/31/23	
Toluene	ND	0.0250	1	03/30/23	03/31/23	
o-Xylene	ND	0.0250	1	03/30/23	03/31/23	
p,m-Xylene	ND	0.0500	1	03/30/23	03/31/23	
Total Xylenes	ND	0.0250	1	03/30/23	03/31/23	
Surrogate: Bromofluorobenzene	91.3 %	70-130		03/30/23	03/31/23	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		03/30/23	03/31/23	
Surrogate: Toluene-d8	103 %	70-130		03/30/23	03/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313054
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/23	03/31/23	
Surrogate: Bromofluorobenzene	91.3 %	70-130		03/30/23	03/31/23	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		03/30/23	03/31/23	
Surrogate: Toluene-d8	103 %	70-130		03/30/23	03/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2313070
Diesel Range Organics (C10-C28)	ND	25.0	1	03/30/23	04/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/30/23	04/03/23	
Surrogate: n-Nonane	93.7 %	50-200		03/30/23	04/03/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313092
Chloride	17700	400	20	03/31/23	04/01/23	



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/5/2023 8:56:20AM

N3 - 4'

E303133-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313054
Benzene	ND	0.0250	1	03/30/23	03/31/23	
Ethylbenzene	ND	0.0250	1	03/30/23	03/31/23	
Toluene	ND	0.0250	1	03/30/23	03/31/23	
o-Xylene	ND	0.0250	1	03/30/23	03/31/23	
p,m-Xylene	ND	0.0500	1	03/30/23	03/31/23	
Total Xylenes	ND	0.0250	1	03/30/23	03/31/23	
Surrogate: Bromofluorobenzene	91.9 %	70-130		03/30/23	03/31/23	
Surrogate: 1,2-Dichloroethane-d4	99.7 %	70-130		03/30/23	03/31/23	
Surrogate: Toluene-d8	104 %	70-130		03/30/23	03/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313054
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/23	03/31/23	
Surrogate: Bromofluorobenzene	91.9 %	70-130		03/30/23	03/31/23	
Surrogate: 1,2-Dichloroethane-d4	99.7 %	70-130		03/30/23	03/31/23	
Surrogate: Toluene-d8	104 %	70-130		03/30/23	03/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2313070
Diesel Range Organics (C10-C28)	ND	25.0	1	03/30/23	04/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/30/23	04/01/23	
Surrogate: n-Nonane	99.0 %	50-200		03/30/23	04/01/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313092
Chloride	10600	400	20	03/31/23	04/01/23	



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/5/2023 8:56:20AM

BG1 - 1'

E303133-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313054
Benzene	ND	0.0250	1	03/30/23	04/01/23	
Ethylbenzene	ND	0.0250	1	03/30/23	04/01/23	
Toluene	ND	0.0250	1	03/30/23	04/01/23	
o-Xylene	ND	0.0250	1	03/30/23	04/01/23	
p,m-Xylene	ND	0.0500	1	03/30/23	04/01/23	
Total Xylenes	ND	0.0250	1	03/30/23	04/01/23	
Surrogate: Bromofluorobenzene	91.7 %	70-130		03/30/23	04/01/23	
Surrogate: 1,2-Dichloroethane-d4	99.8 %	70-130		03/30/23	04/01/23	
Surrogate: Toluene-d8	103 %	70-130		03/30/23	04/01/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313054
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/23	04/01/23	
Surrogate: Bromofluorobenzene	91.7 %	70-130		03/30/23	04/01/23	
Surrogate: 1,2-Dichloroethane-d4	99.8 %	70-130		03/30/23	04/01/23	
Surrogate: Toluene-d8	103 %	70-130		03/30/23	04/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2313070
Diesel Range Organics (C10-C28)	ND	25.0	1	03/30/23	04/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/30/23	04/01/23	
Surrogate: n-Nonane	99.1 %	50-200		03/30/23	04/01/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313092
Chloride	9260	400	20	03/31/23	04/01/23	



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/5/2023 8:56:20AM

BG1 - 3'

E303133-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313054
Benzene	ND	0.0250	1	03/30/23	04/01/23	
Ethylbenzene	ND	0.0250	1	03/30/23	04/01/23	
Toluene	ND	0.0250	1	03/30/23	04/01/23	
o-Xylene	ND	0.0250	1	03/30/23	04/01/23	
p,m-Xylene	ND	0.0500	1	03/30/23	04/01/23	
Total Xylenes	ND	0.0250	1	03/30/23	04/01/23	
Surrogate: Bromofluorobenzene	90.1 %	70-130		03/30/23	04/01/23	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		03/30/23	04/01/23	
Surrogate: Toluene-d8	103 %	70-130		03/30/23	04/01/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313054
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/23	04/01/23	
Surrogate: Bromofluorobenzene	90.1 %	70-130		03/30/23	04/01/23	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		03/30/23	04/01/23	
Surrogate: Toluene-d8	103 %	70-130		03/30/23	04/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2313070
Diesel Range Organics (C10-C28)	ND	25.0	1	03/30/23	04/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/30/23	04/03/23	
Surrogate: n-Nonane	96.4 %	50-200		03/30/23	04/03/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313092
Chloride	10600	400	20	03/31/23	04/01/23	



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/5/2023 8:56:20AM

BG1 - 4'

E303133-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313054
Benzene	ND	0.0250	1	03/30/23	04/01/23	
Ethylbenzene	ND	0.0250	1	03/30/23	04/01/23	
Toluene	ND	0.0250	1	03/30/23	04/01/23	
o-Xylene	ND	0.0250	1	03/30/23	04/01/23	
p,m-Xylene	ND	0.0500	1	03/30/23	04/01/23	
Total Xylenes	ND	0.0250	1	03/30/23	04/01/23	
Surrogate: Bromofluorobenzene	92.1 %	70-130		03/30/23	04/01/23	
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130		03/30/23	04/01/23	
Surrogate: Toluene-d8	104 %	70-130		03/30/23	04/01/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313054
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/23	04/01/23	
Surrogate: Bromofluorobenzene	92.1 %	70-130		03/30/23	04/01/23	
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130		03/30/23	04/01/23	
Surrogate: Toluene-d8	104 %	70-130		03/30/23	04/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2313070
Diesel Range Organics (C10-C28)	ND	25.0	1	03/30/23	04/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/30/23	04/01/23	
Surrogate: n-Nonane	93.4 %	50-200		03/30/23	04/01/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313092
Chloride	9840	400	20	03/31/23	04/01/23	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/5/2023 8:56:20AM

Volatile Organic Compounds by EPA 8260B

Analyst: SL

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

Blank (2313054-BLK1) Prepared: 03/30/23 Analyzed: 03/31/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.459		0.500		91.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.469		0.500		93.8	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			

LCS (2313054-BS1) Prepared: 03/30/23 Analyzed: 03/31/23

Benzene	2.24	0.0250	2.50		89.6	70-130			
Ethylbenzene	2.29	0.0250	2.50		91.7	70-130			
Toluene	2.29	0.0250	2.50		91.6	70-130			
o-Xylene	2.31	0.0250	2.50		92.5	70-130			
p,m-Xylene	4.62	0.0500	5.00		92.4	70-130			
Total Xylenes	6.93	0.0250	7.50		92.4	70-130			
Surrogate: Bromofluorobenzene	0.500		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.471		0.500		94.2	70-130			
Surrogate: Toluene-d8	0.518		0.500		104	70-130			

Matrix Spike (2313054-MS1) Source: E303132-22 Prepared: 03/30/23 Analyzed: 03/31/23

Benzene	2.28	0.0250	2.50	ND	91.1	48-131			
Ethylbenzene	2.33	0.0250	2.50	ND	93.0	45-135			
Toluene	2.33	0.0250	2.50	ND	93.2	48-130			
o-Xylene	2.34	0.0250	2.50	ND	93.7	43-135			
p,m-Xylene	4.67	0.0500	5.00	ND	93.4	43-135			
Total Xylenes	7.01	0.0250	7.50	ND	93.5	43-135			
Surrogate: Bromofluorobenzene	0.494		0.500		98.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.456		0.500		91.1	70-130			
Surrogate: Toluene-d8	0.521		0.500		104	70-130			

Matrix Spike Dup (2313054-MSD1) Source: E303132-22 Prepared: 03/30/23 Analyzed: 03/31/23

Benzene	2.25	0.0250	2.50	ND	90.2	48-131	0.993	23	
Ethylbenzene	2.31	0.0250	2.50	ND	92.2	45-135	0.842	27	
Toluene	2.28	0.0250	2.50	ND	91.2	48-130	2.15	24	
o-Xylene	2.32	0.0250	2.50	ND	92.7	43-135	1.07	27	
p,m-Xylene	4.61	0.0500	5.00	ND	92.1	43-135	1.34	27	
Total Xylenes	6.92	0.0250	7.50	ND	92.3	43-135	1.25	27	
Surrogate: Bromofluorobenzene	0.487		0.500		97.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.475		0.500		94.9	70-130			
Surrogate: Toluene-d8	0.512		0.500		102	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/5/2023 8:56:20AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2313054-BLK1)

Prepared: 03/30/23 Analyzed: 03/31/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.459		0.500		91.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.469		0.500		93.8	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			

LCS (2313054-BS2)

Prepared: 03/30/23 Analyzed: 03/31/23

Gasoline Range Organics (C6-C10)	51.7	20.0	50.0		103	70-130			
Surrogate: Bromofluorobenzene	0.477		0.500		95.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.471		0.500		94.2	70-130			
Surrogate: Toluene-d8	0.519		0.500		104	70-130			

Matrix Spike (2313054-MS2)

Source: E303132-22

Prepared: 03/30/23 Analyzed: 03/31/23

Gasoline Range Organics (C6-C10)	51.6	20.0	50.0	ND	103	70-130			
Surrogate: Bromofluorobenzene	0.486		0.500		97.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.472		0.500		94.3	70-130			
Surrogate: Toluene-d8	0.520		0.500		104	70-130			

Matrix Spike Dup (2313054-MSD2)

Source: E303132-22

Prepared: 03/30/23 Analyzed: 03/31/23

Gasoline Range Organics (C6-C10)	53.2	20.0	50.0	ND	106	70-130	3.08	20	
Surrogate: Bromofluorobenzene	0.482		0.500		96.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.472		0.500		94.3	70-130			
Surrogate: Toluene-d8	0.522		0.500		104	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/5/2023 8:56:20AM

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 (2313070-BLK1)					Prepared: 03/30/23 Analyzed: 03/31/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.6		50.0		103	50-200			

LCS (2313070-BS1)					Prepared: 03/30/23 Analyzed: 03/31/23				
Diesel Range Organics (C10-C28)	268	25.0	250		107	38-132			
Surrogate: n-Nonane	49.2		50.0		98.4	50-200			

Matrix Spike (2313070-MS1)					Source: E303150-03		Prepared: 03/30/23 Analyzed: 03/31/23		
Diesel Range Organics (C10-C28)	712	25.0	250	430	113	38-132			
Surrogate: n-Nonane	50.2		50.0		100	50-200			

Matrix Spike Dup (2313070-MSD1)					Source: E303150-03		Prepared: 03/30/23 Analyzed: 03/31/23		
Diesel Range Organics (C10-C28)	750	25.0	250	430	128	38-132	5.10	20	
Surrogate: n-Nonane	50.2		50.0		100	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/5/2023 8:56:20AM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2313092-BLK1)					Prepared: 03/31/23 Analyzed: 04/01/23				
Chloride	ND	20.0							
LCS (2313092-BS1)					Prepared: 03/31/23 Analyzed: 04/01/23				
Chloride	266	20.0	250		107	90-110			
Matrix Spike (2313092-MS1)					Source: E303132-21		Prepared: 03/31/23 Analyzed: 04/01/23		
Chloride	574	20.0	250	289	114	80-120			
Matrix Spike Dup (2313092-MSD1)					Source: E303132-21		Prepared: 03/31/23 Analyzed: 04/01/23		
Chloride	574	20.0	250	289	114	80-120	0.127	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:	Laguna Salado South #1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	04/05/23 08:56

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

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

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



Project Information

Chain of Custody

Page 1 of 2

Client: Pima Environmental Services Project: <u>Laguna Salado South #1</u> Project Manager: Tom Bynum Address: 5614 N. Lovington Hwy. City, State, Zip: Hobbs, NM, 88240 Phone: 580-748-1613 Email: tom@pimaoil.com Report due by:					Bill To Attention: <u>Devon</u> Address: City, State, Zip Phone: Email: Pima Project # <u>1-275</u>					Lab Use Only Lab WO# <u>E303133</u> Job Number <u>0058-0007</u> Analysis and Method					TAT 1D 2D 3D Standard <u>X</u>				EPA Program CWA SDWA RCRA	
										State NM CO UT AZ TX <u>X</u>										
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks						
8:00	3/28/23	S	1	N1-1'	1							X								
8:05				N1-3'	2															
8:10				N1-4'	3															
8:15				N2-1'	4															
8:20				N2-3'	5															
8:25				N2-4'	6															
8:30				N3-1'	7															
8:35				N3-3'	8															
8:40				N3-4'	9															
8:45				BG1-1'	10															
Additional Instructions: <u>Billing #: 21136158</u>																				
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																				
Relinquished by: (Signature) <u>AB</u> Date <u>3-29-23</u> Time <u>2:00</u> Received by: (Signature) <u>Michelle Kemp</u> Date <u>3-29-23</u> Time <u>1400</u>																				
Relinquished by: (Signature) <u>Michelle Kemp</u> Date <u>3-29-23</u> Time <u>1715</u> Received by: (Signature) <u>Lorena Lee</u> Date <u>3-29-23</u> Time <u>1730</u>																				
Relinquished by: (Signature) <u>Lorena Lee</u> Date <u>3-29-23</u> Time <u>2315</u> Received by: (Signature) <u>Jene Ziff</u> Date <u>03/30/23</u> Time <u>7:00</u>																				
Sample Matrix: <u>S</u> - Soil, <u>Sd</u> - Solid, <u>Sg</u> - Sludge, <u>A</u> - Aqueous, <u>O</u> - Other																				
Container Type: <u>g</u> - glass, <u>p</u> - poly/plastic, <u>ag</u> - amber glass, <u>v</u> - 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 2

Client: Pima Environmental Services Project: <u>Laguna Sagado South #1</u> Project Manager: Tom Bynum Address: 5614 N. Lovington Hwy. City, State, Zip: Hobbs, NM, 88240 Phone: 580-748-1613 Email: tom@pimaoil.com Report due by:					Bill To Attention: <u>Devon</u> Address: City, State, Zip: Phone: Email: Pima Project #					Lab Use Only Lab WO# <u>E303133</u> Job Number <u>01058-0007</u> Analysis and Method					TAT 1D 2D 3D Standard <u>X</u>				EPA Program CWA SDWA RCRA	
														State NM CO UT AZ TX <u>X</u>						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks						
8:50	3/28/23	S	1	BG1-3'	11							X								
8:55	↓	↓	↓	BG1-4'	12							↓								

Additional Instructions:

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

Relinquished by: (Signature) AB Date 3-29-23 Time 2:00 Received by: (Signature) Audriana Benardiz Date 3-29-23 Time 1400

Relinquished by: (Signature) Michelle Cuyler Date 3-29-23 Time 1715 Received by: (Signature) Lorena Fer Date 3-29-23 Time 1730

Relinquished by: (Signature) Lorena Fer Date 3-29-23 Time 2315 Received by: (Signature) Ornela Zozzi Date 03/30/23 Time 7:00

Sample Matrix: S - Soil/Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

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


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

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

Received on ice: Y / N

T1: T2: T3:

AVG Temp °C 4.0


envirotech

Envirotech Analytical Laboratory

Printed: 3/30/2023 10:57:48AM

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:	03/30/23 07:00	Work Order ID:	E303133
Phone:	(575) 631-6977	Date Logged In:	03/29/23 16:15	Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	04/05/23 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
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:
Tom Bynum



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Laguna Salado South #1

Work Order: E407125

Job Number: 01058-0007

Received: 7/17/2024

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/17/24

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: 7/17/24

Tom Bynum
PO Box 247
Plains, TX 79355-0247



Project Name: Laguna Salado South #1
Workorder: E407125
Date Received: 7/17/2024 6:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/17/2024 6:00:00AM, under the Project Name: Laguna Salado South #1.

The analytical test results summarized in this report with the Project Name: Laguna Salado South #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,

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

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Laboratory Administrator
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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	07/17/24 16:52

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CP1-3.5'	E407125-01A	Soil	07/15/24	07/17/24	Glass Jar, 2 oz.
CP2 3.5'	E407125-02A	Soil	07/15/24	07/17/24	Glass Jar, 2 oz.
CP3-3.5'	E407125-03A	Soil	07/15/24	07/17/24	Glass Jar, 2 oz.
CPW1-3.5'	E407125-04A	Soil	07/15/24	07/17/24	Glass Jar, 2 oz.



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
7/17/2024 4:52:49PM

CPI-3.5'

E407125-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2429045	
Benzene	ND	0.0250	1	07/16/24	07/17/24	
Ethylbenzene	ND	0.0250	1	07/16/24	07/17/24	
Toluene	ND	0.0250	1	07/16/24	07/17/24	
o-Xylene	ND	0.0250	1	07/16/24	07/17/24	
p,m-Xylene	ND	0.0500	1	07/16/24	07/17/24	
Total Xylenes	ND	0.0250	1	07/16/24	07/17/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.4 %	70-130	07/16/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2429045	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/16/24	07/17/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		107 %	70-130	07/16/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2429036	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/17/24	07/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/17/24	07/17/24	
<i>Surrogate: n-Nonane</i>		81.6 %	50-200	07/17/24	07/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2429038	
Chloride	276	20.0	1	07/17/24	07/17/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Reported: 7/17/2024 4:52:49PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CP2 3.5'

E407125-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2429045	
Benzene	ND	0.0250	1	07/16/24	07/17/24	
Ethylbenzene	ND	0.0250	1	07/16/24	07/17/24	
Toluene	ND	0.0250	1	07/16/24	07/17/24	
o-Xylene	ND	0.0250	1	07/16/24	07/17/24	
p,m-Xylene	ND	0.0500	1	07/16/24	07/17/24	
Total Xylenes	ND	0.0250	1	07/16/24	07/17/24	
Surrogate: 4-Bromochlorobenzene-PID	91.6 %	70-130		07/16/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2429045	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/16/24	07/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	107 %	70-130		07/16/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2429036	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/17/24	07/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/17/24	07/17/24	
Surrogate: n-Nonane	83.0 %	50-200		07/17/24	07/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2429038	
Chloride	916	20.0	1	07/17/24	07/17/24	



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
7/17/2024 4:52:49PM

CP3-3.5'

E407125-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2429045
Benzene	ND	0.0250	1	07/16/24	07/17/24	
Ethylbenzene	ND	0.0250	1	07/16/24	07/17/24	
Toluene	ND	0.0250	1	07/16/24	07/17/24	
o-Xylene	ND	0.0250	1	07/16/24	07/17/24	
p,m-Xylene	ND	0.0500	1	07/16/24	07/17/24	
Total Xylenes	ND	0.0250	1	07/16/24	07/17/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		91.6 %	70-130	07/16/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2429045
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/16/24	07/17/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		106 %	70-130	07/16/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2429036
Diesel Range Organics (C10-C28)	ND	25.0	1	07/17/24	07/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/17/24	07/17/24	
<i>Surrogate: n-Nonane</i>						
		105 %	50-200	07/17/24	07/17/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2429038
Chloride	717	40.0	2	07/17/24	07/17/24	



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
7/17/2024 4:52:49PM

CPW1-3.5'

E407125-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2429045
Benzene	ND	0.0250	1	07/16/24	07/17/24	
Ethylbenzene	ND	0.0250	1	07/16/24	07/17/24	
Toluene	ND	0.0250	1	07/16/24	07/17/24	
o-Xylene	ND	0.0250	1	07/16/24	07/17/24	
p,m-Xylene	ND	0.0500	1	07/16/24	07/17/24	
Total Xylenes	ND	0.0250	1	07/16/24	07/17/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		91.4 %	70-130	07/16/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2429045
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/16/24	07/17/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		105 %	70-130	07/16/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2429036
Diesel Range Organics (C10-C28)	ND	25.0	1	07/17/24	07/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/17/24	07/17/24	
<i>Surrogate: n-Nonane</i>						
		96.1 %	50-200	07/17/24	07/17/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2429038
Chloride	495	20.0	1	07/17/24	07/17/24	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/17/2024 4:52:49PM

Volatile Organics by EPA 8021B

Analyst: BA

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

Blank (2429045-BLK1)

Prepared: 07/16/24 Analyzed: 07/17/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.29		8.00		91.1	70-130			

LCS (2429045-BS1)

Prepared: 07/16/24 Analyzed: 07/17/24

Benzene	4.94	0.0250	5.00		98.7	70-130			
Ethylbenzene	4.76	0.0250	5.00		95.3	70-130			
Toluene	4.88	0.0250	5.00		97.7	70-130			
o-Xylene	4.77	0.0250	5.00		95.4	70-130			
p,m-Xylene	9.65	0.0500	10.0		96.5	70-130			
Total Xylenes	14.4	0.0250	15.0		96.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.38		8.00		92.2	70-130			

LCS Dup (2429045-BS1)

Prepared: 07/16/24 Analyzed: 07/17/24

Benzene	4.88	0.0250	5.00		97.5	70-130	1.23	20	
Ethylbenzene	4.70	0.0250	5.00		94.0	70-130	1.40	20	
Toluene	4.82	0.0250	5.00		96.4	70-130	1.27	20	
o-Xylene	4.70	0.0250	5.00		93.9	70-130	1.49	20	
p,m-Xylene	9.51	0.0500	10.0		95.1	70-130	1.48	20	
Total Xylenes	14.2	0.0250	15.0		94.7	70-130	1.48	20	
Surrogate: 4-Bromochlorobenzene-PID	7.28		8.00		91.1	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/17/2024 4:52:49PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2429045-BLK1) Prepared: 07/16/24 Analyzed: 07/17/24

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

LCS (2429045-BS2) Prepared: 07/16/24 Analyzed: 07/17/24

Gasoline Range Organics (C6-C10)	48.1	20.0	50.0		96.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.73		8.00		96.6	70-130			

LCS Dup (2429045-BSD2) Prepared: 07/16/24 Analyzed: 07/17/24

Gasoline Range Organics (C6-C10)	45.3	20.0	50.0		90.5	70-130	6.08	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.65		8.00		95.7	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/17/2024 4:52:49PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

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

Blank (2429036-BLK1)					Prepared: 07/16/24 Analyzed: 07/17/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	57.5		50.0		115	50-200			

LCS (2429036-BS1)					Prepared: 07/16/24 Analyzed: 07/17/24				
Diesel Range Organics (C10-C28)	249	25.0	250		99.6	38-132			
Surrogate: n-Nonane	60.4		50.0		121	50-200			

LCS Dup (2429036-BSD1)					Prepared: 07/16/24 Analyzed: 07/17/24				
Diesel Range Organics (C10-C28)	239	25.0	250		95.4	38-132	4.22	20	
Surrogate: n-Nonane	57.6		50.0		115	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/17/2024 4:52:49PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2429038-BLK1)					Prepared: 07/16/24 Analyzed: 07/16/24				
Chloride	ND	20.0							
LCS (2429038-BS1)					Prepared: 07/16/24 Analyzed: 07/16/24				
Chloride	254	20.0	250		102	90-110			
LCS Dup (2429038-BSD1)					Prepared: 07/16/24 Analyzed: 07/16/24				
Chloride	254	20.0	250		102	90-110	0.0354	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:	Laguna Salado South #1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	07/17/24 16:52

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

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

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



Project Information

Chain of Custody

Page 1 of 1

Client: Pima Environmental Services					Bill To					Lab Use Only					TAT				EPA Program																																			
Project: Laguna Salado South #1					Attention: Devon Energy					Lab WO# E407125					Job Number 01058-0007					1D 2D 3D Standard				CWA SDWA																														
Project Manager: Tom Bynum					Address:					Analysis and Method									RCRA																																			
Address: 5614 N. Lovington Hwy.					City, State, Zip																																																	
City, State, Zip Hobbs, NM. 88240					Phone:					DRO/ORO by 8015					GRO/DRO by 8015					BTEX by 8021					VOC by 8260					Metals 6010					Chloride 300.0					BGDOC NM					BGDOC TX					State				
Phone: 806-782-1151					Email:																																																	
Email: tom@pimaoil.com					Pima Project # 1-275-3 (nLLB0631140464)					Remarks					NM CO UT AZ TX																																							
Report due by:																																																						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number																																																	
11:34	7/15/2024	S	1	CP1-3.5'	1																																																	
11:46	7/15/2024	S	1	CP2-3.5'	2																																																	
11:54	7/15/2024	S	1	CP3-3.5'	3																																																	
12:00	7/15/2024	S	1	CPW1-3.5'	4																																																	
Additional Instructions: Work Order/Billing: 21136158																																																						
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:																																																						
Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.																																																						
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Lab Use Only																																										
Kerrine Adams		7/16/24		1:25		Michelle Gonzales		7.16.24		1325		Received on ice: Y / N																																										
Michelle Gonzales		7.16.24		1545		J.M.		7.16.24		1645		T1 T2 T3																																										
J.M.		7.16.24		2230		Kyrish A Hall		7-17-24		0600		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: 7/17/2024 12:53:12PM

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:	07/17/24 06:00	Work Order ID:	E407125
Phone:	(575) 631-6977	Date Logged In:	07/16/24 15:23	Logged In By:	Alexa Michaels
Email:	tom@pimaoil.com	Due Date:	07/17/24 17:00 (0 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CouierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Tom Bynum



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Laguna Salado South #1

Work Order: E407126

Job Number: 01058-0007

Received: 7/17/2024

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/17/24

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: 7/17/24



Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Laguna Salado South #1
Workorder: E407126
Date Received: 7/17/2024 6:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/17/2024 6:00:00AM, under the Project Name: Laguna Salado South #1.

The analytical test results summarized in this report with the Project Name: Laguna Salado South #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,

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

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	07/17/24 16:50

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CN1-3.5'	E407126-01A	Soil	07/15/24	07/17/24	Glass Jar, 2 oz.
CN2-3.5'	E407126-02A	Soil	07/15/24	07/17/24	Glass Jar, 2 oz.
CNW1-3.5'	E407126-03A	Soil	07/15/24	07/17/24	Glass Jar, 2 oz.



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
7/17/2024 4:50:37PM

CN1-3.5'

E407126-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2429048	
Benzene	ND	0.0250	1	07/16/24	07/17/24	
Ethylbenzene	ND	0.0250	1	07/16/24	07/17/24	
Toluene	ND	0.0250	1	07/16/24	07/17/24	
o-Xylene	ND	0.0250	1	07/16/24	07/17/24	
p,m-Xylene	ND	0.0500	1	07/16/24	07/17/24	
Total Xylenes	ND	0.0250	1	07/16/24	07/17/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	88.2 %	70-130		07/16/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2429048	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/16/24	07/17/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	96.7 %	70-130		07/16/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2429036	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/17/24	07/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/17/24	07/17/24	
<i>Surrogate: n-Nonane</i>	102 %	50-200		07/17/24	07/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2429039	
Chloride	6980	400	20	07/17/24	07/17/24	



Sample Data

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

Project Name: Laguna Salado South #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
7/17/2024 4:50:37PM

CN2-3.5'

E407126-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2429048
Benzene	ND	0.0250	1	07/16/24	07/17/24	
Ethylbenzene	ND	0.0250	1	07/16/24	07/17/24	
Toluene	ND	0.0250	1	07/16/24	07/17/24	
o-Xylene	ND	0.0250	1	07/16/24	07/17/24	
p,m-Xylene	ND	0.0500	1	07/16/24	07/17/24	
Total Xylenes	ND	0.0250	1	07/16/24	07/17/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.8 %	70-130		07/16/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2429048
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/16/24	07/17/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.6 %	70-130		07/16/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2429036
Diesel Range Organics (C10-C28)	ND	25.0	1	07/17/24	07/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/17/24	07/17/24	
<i>Surrogate: n-Nonane</i>						
	82.4 %	50-200		07/17/24	07/17/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2429039
Chloride	3740	200	10	07/17/24	07/17/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Reported: 7/17/2024 4:50:37PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CNW1-3.5'
E407126-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2429048	
Benzene	ND	0.0250	1	07/16/24	07/17/24	
Ethylbenzene	ND	0.0250	1	07/16/24	07/17/24	
Toluene	ND	0.0250	1	07/16/24	07/17/24	
o-Xylene	ND	0.0250	1	07/16/24	07/17/24	
p,m-Xylene	ND	0.0500	1	07/16/24	07/17/24	
Total Xylenes	ND	0.0250	1	07/16/24	07/17/24	
Surrogate: 4-Bromochlorobenzene-PID	88.9 %	70-130		07/16/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2429048	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/16/24	07/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.7 %	70-130		07/16/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2429036	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/17/24	07/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/17/24	07/17/24	
Surrogate: n-Nonane	111 %	50-200		07/17/24	07/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2429039	
Chloride	4770	100	5	07/17/24	07/17/24	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/17/2024 4:50:37PM

Volatile Organics by EPA 8021B

Analyst: BA

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

Blank (2429048-BLK1)

Prepared: 07/16/24 Analyzed: 07/17/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.48		8.00		93.4	70-130			

LCS (2429048-BS1)

Prepared: 07/16/24 Analyzed: 07/17/24

Benzene	5.32	0.0250	5.00		106	70-130			
Ethylbenzene	4.97	0.0250	5.00		99.4	70-130			
Toluene	5.24	0.0250	5.00		105	70-130			
o-Xylene	5.11	0.0250	5.00		102	70-130			
p,m-Xylene	10.2	0.0500	10.0		102	70-130			
Total Xylenes	15.3	0.0250	15.0		102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.53		8.00		94.1	70-130			

LCS Dup (2429048-BSD1)

Prepared: 07/16/24 Analyzed: 07/17/24

Benzene	5.25	0.0250	5.00		105	70-130	1.38	20	
Ethylbenzene	4.91	0.0250	5.00		98.3	70-130	1.18	20	
Toluene	5.18	0.0250	5.00		104	70-130	1.25	20	
o-Xylene	5.06	0.0250	5.00		101	70-130	1.08	20	
p,m-Xylene	10.1	0.0500	10.0		101	70-130	1.10	20	
Total Xylenes	15.1	0.0250	15.0		101	70-130	1.09	20	
Surrogate: 4-Bromochlorobenzene-PID	7.53		8.00		94.1	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Reported: 7/17/2024 4:50:37PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2429048-BLK1)					Prepared: 07/16/24 Analyzed: 07/17/24				
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.49		8.00		106	70-130			

LCS (2429048-BS2)					Prepared: 07/16/24 Analyzed: 07/17/24				
Gasoline Range Organics (C6-C10)	50.8	20.0	50.0		102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.64		8.00		108	70-130			

LCS Dup (2429048-BSD2)					Prepared: 07/16/24 Analyzed: 07/17/24				
Gasoline Range Organics (C6-C10)	51.6	20.0	50.0		103	70-130	1.48	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.64		8.00		108	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/17/2024 4:50:37PM

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 (2429036-BLK1)					Prepared: 07/16/24 Analyzed: 07/17/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	57.5		50.0		115	50-200			

LCS (2429036-BS1)					Prepared: 07/16/24 Analyzed: 07/17/24				
Diesel Range Organics (C10-C28)	249	25.0	250		99.6	38-132			
Surrogate: n-Nonane	60.4		50.0		121	50-200			

LCS Dup (2429036-BSD1)					Prepared: 07/16/24 Analyzed: 07/17/24				
Diesel Range Organics (C10-C28)	239	25.0	250		95.4	38-132	4.22	20	
Surrogate: n-Nonane	57.6		50.0		115	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/17/2024 4:50:37PM

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 (2429039-BLK1)					Prepared: 07/16/24 Analyzed: 07/16/24				
Chloride	ND	20.0							
LCS (2429039-BS1)					Prepared: 07/16/24 Analyzed: 07/16/24				
Chloride	252	20.0	250		101	90-110			
LCS Dup (2429039-BSD1)					Prepared: 07/16/24 Analyzed: 07/16/24				
Chloride	251	20.0	250		100	90-110	0.685	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:	Laguna Salado South #1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	07/17/24 16:50

- 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.





Envirotech Analytical Laboratory

Printed: 7/17/2024 12:56:06PM

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:	07/17/24 06:00	Work Order ID:	E407126
Phone:	(575) 631-6977	Date Logged In:	07/16/24 15:24	Logged In By:	Alexa Michaels
Email:	tom@pimaoil.com	Due Date:	07/17/24 17:00 (0 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CouierComments/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.

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QUESTIONS

Action 395935

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	395935
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nLLB0631140464
Incident Name	NLLB0631140464 LAGUNA SALADO SOUTH #001 @ 30-015-26407
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-015-26407] LAGUNA SALADO SOUTH #001

Location of Release Source	
Please answer all the questions in this group.	
Site Name	LAGUNA SALADO SOUTH #001
Date Release Discovered	03/10/2006
Surface Owner	Private

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Pump Produced Water Released: 62 BBL Recovered: 50 BBL Lost: 12 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 395935

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	395935
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dmv.com Date: 10/25/2024
----------------------------------------------------	----------------------------------------------------------------------------------------------

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QUESTIONS, Page 3

Action 395935

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 395935
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 26 and 50 (ft.)
What method was used to determine the depth to ground water	U.S. Geological Survey
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 300 and 500 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 300 and 500 (ft.)
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 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	16500
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	46.2
GRO+DRO (EPA SW-846 Method 8015M)	46.2
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	10/07/2024
On what date will (or did) the final sampling or liner inspection occur	10/09/2024
On what date will (or was) the remediation complete(d)	10/24/2024
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	2502
What is the estimated volume (in cubic yards) that will be remediated	23
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 395935

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	395935
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS**Remediation Plan (continued)**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	HALFWAY DISPOSAL AND LANDFILL [fEEM0112334510]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvsn.com Date: 10/25/2024
----------------------------------------------------	-----------------------------------------------------------------------------------------------

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

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QUESTIONS, Page 5

Action 395935

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:
	6137
	Action Number:
	395935
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 395935

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	395935
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	390403
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/09/2024
What was the (estimated) number of samples that were to be gathered	10
What was the sampling surface area in square feet	200

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	2502
What was the total volume (cubic yards) remediated	23
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	Groundwater not protectable in this area

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

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dmn.com Date: 10/25/2024
----------------------------------------------------	----------------------------------------------------------------------------------------------

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QUESTIONS, Page 7

Action 395935

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	395935
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 395935

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:
	6137
	Action Number:
	395935
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

CONDITIONS

Created By	Condition	Condition Date
scwells	Remediation closure approved. Note that for future submittals for this site, the Site Characterization distance to a 100-year floodplain should be updated to 60 feet.	10/29/2024