

PREPARED BY: PIMA ENVIRONMENTAL SERVICES, LLC

PREPARED FOR: DEVON ENERGY PRODUCTION CO, LP

LAGUNA SALADO SOUTH #1
Incident ID nLLB0631140464

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 playalake 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

<u>nLLB0631140464:</u> 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 $25' \times 100'$ 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@dvn.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

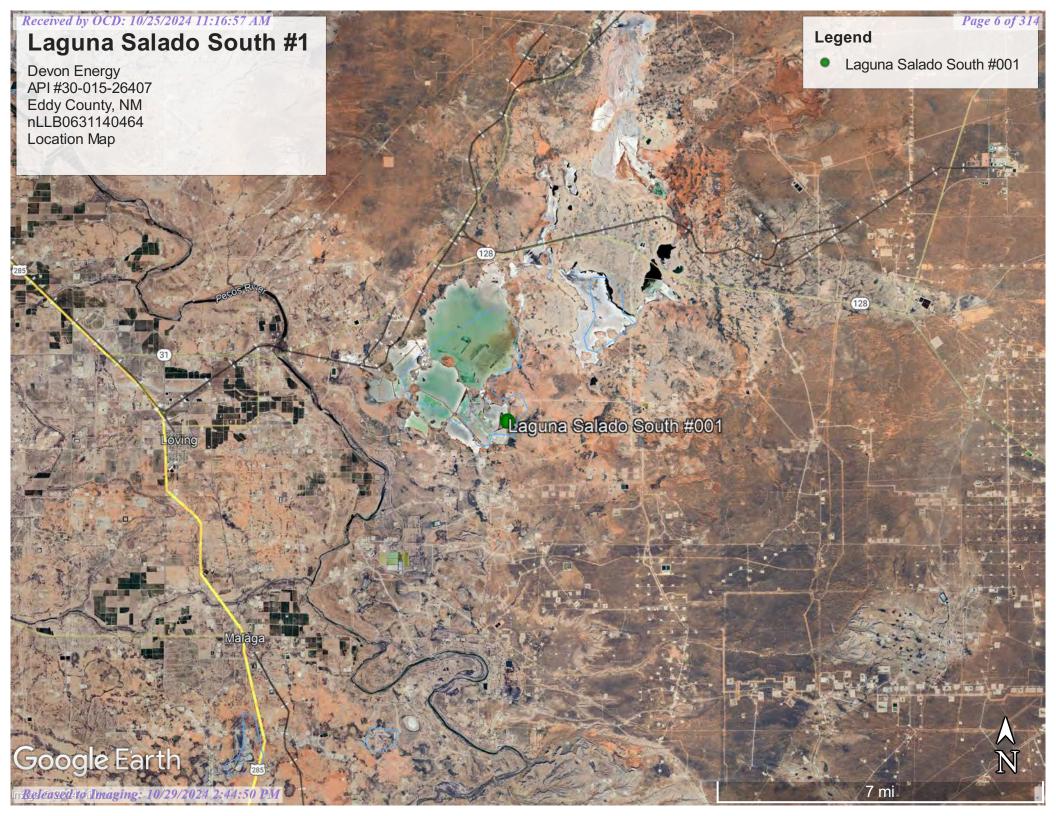
Topographic Map

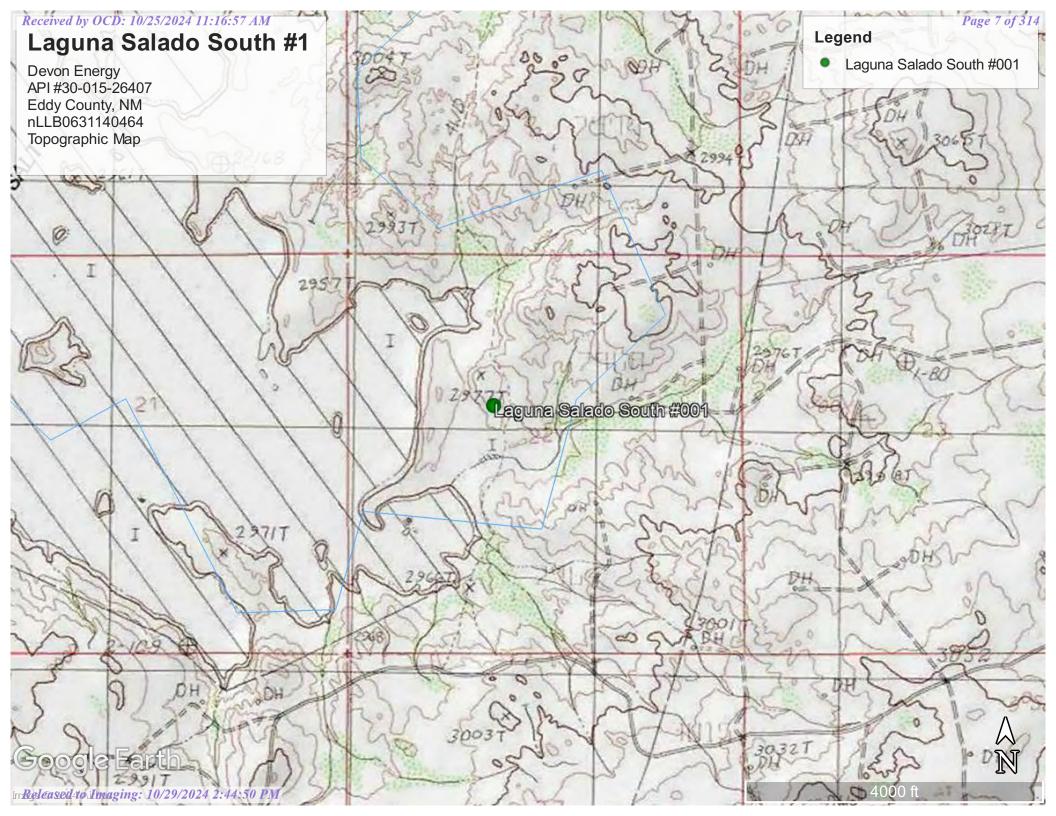
Karst Map

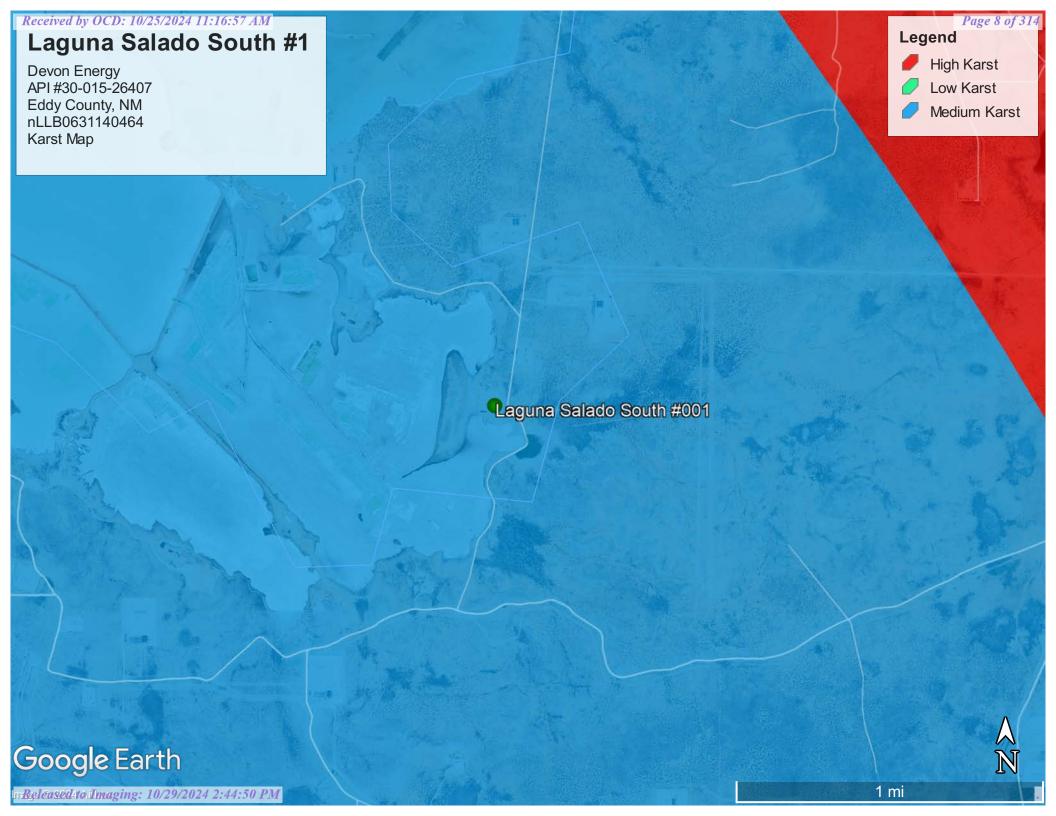
Background Sample Map

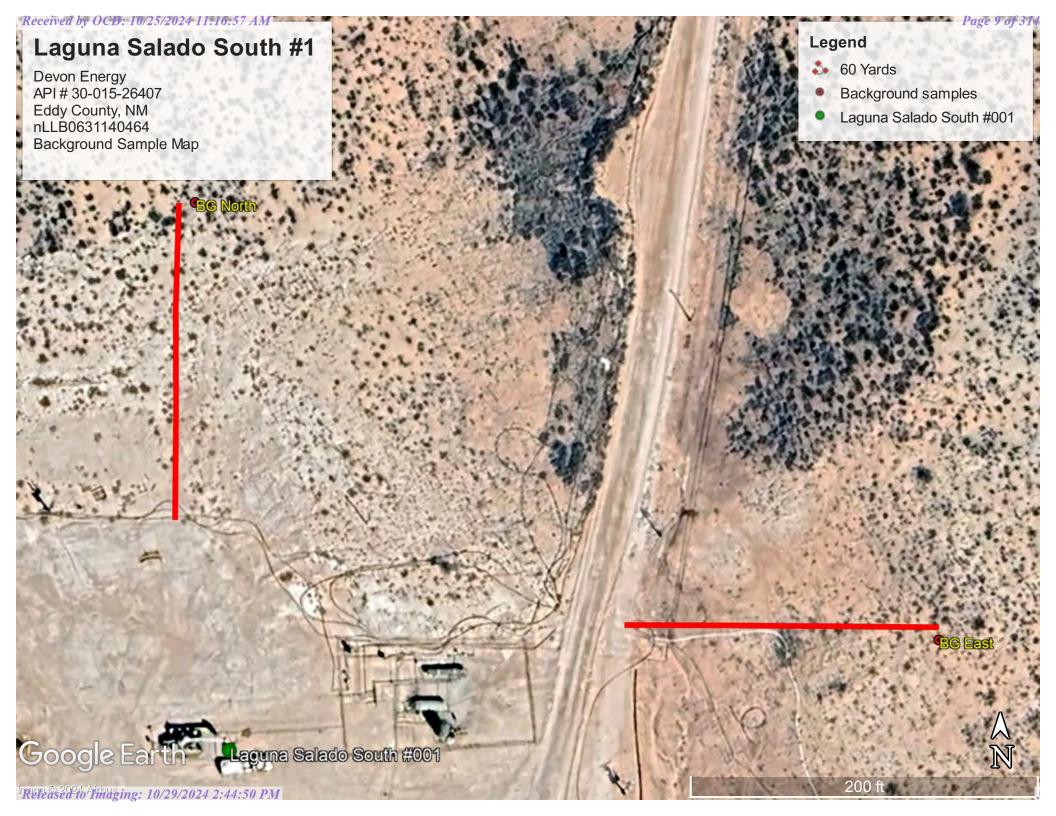
Data Tables

Liner Inspection Map









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 Appro	ved Labora	tory Resu	lts			
Sample ID	Depth	BTEX	Benzene	GRO	DRO	MRO	Total TPH	Cl		
Sample 1D	(BGS)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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		

NM	NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
	DEVON ENERGY - Laguna Salado South #1 - nLLB0631140464								
Date: 10/9/2	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	Cl 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	

Received by OCD: 10/25/2024 11:16:57.4M #001 **Devon Energy**

API#30-015-26407 Eddy County, NM nLLB0631140464 Liner Inspection Map Laguna Salado South #001 32.292193, -103.974305

C1

C₂

Legend

SWD Transfer Pump

Page 11 of 314

<--SWD Transfer Pump

nLLB0631140464 Release area - 2,502 sqft

Samples under liner



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

100 ft





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		_	_	_									
POD Number	Code	Sub-	County	_	Q 16	_	Sec	Twe	Rng	X	Y	DistanceDent	hWellDepthW		iter umn
C 02797	Couc	CUB	ED	דט		3	22	23S	29E	596540	3572895*	396	200	ater cor	umm
<u>C 02716</u>		CUB	ED	4	4	4	16	23S	29E	595818	3574002*	1007	400		
<u>C 02715</u>		CUB	ED	4	1	3	15	23S	29E	596221	3574411*	1162	400		
<u>C 02717</u>		CUB	ED	4	2	4	16	23S	29E	595817	3574407*	1325	400		
<u>C 01217 S</u>		CUB	ED	4	1	4	16	23S	29E	595413	3574403*	1577	350		
<u>C 02721</u>		CUB	ED		2	3	21	23S	29E	594915	3572879*	1669	150		
<u>C 02720</u>		CUB	ED		2	1	21	23S	29E	594911	3573690*	1670	150		
<u>C 02718</u>		CUB	ED	4	4	2	16	23S	29E	595816	3574812*	1680	400		
<u>C 02707</u>		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		
<u>C 02808</u>		CUB	ED		2	3	16	23S	29E	594909	3574501*	2024	100		
<u>C 02809</u>		CUB	ED		2	3	16	23S	29E	594909	3574501*	2024	100		
<u>C 02613</u>		CUB	ED	4	4	2	20	23S	29E	594203	3573176*	2332	400		
<u>C 02794</u>		CUB	ED		4	3	10	23S	29E	596518	3575731*	2439	100		
<u>C 02795</u>		CUB	ED		4	3	10	23S	29E	596518	3575731*	2439	200		
<u>C 01627</u>		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

UTMNAD83 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

Status From/
Trn# Doc File/Act 1 2 Transaction Desc. To Acres Diversion Consumptive

<u>206342 EXPL 2001-02-02</u> PMT APR C 02797 T 0 0

Current Points of Diversion

(NAD83 UTM in meters)

 POD Number
 Well Tag
 Source
 64Q16Q4Sec Tws Rng
 X
 Y
 Other Location Desc

 C 02797
 2
 3
 22
 23S
 29E
 596540
 3572895*

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

Q

-

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

DateTypeDescriptionCommentProcessed By02/02/2001APPApplication 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



GIS WATERS PODs Pending

Water Right Regulations Artesian Planning Area

NHD Flowlines Artificial Path

Connector

Stream River

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

OSE District Boundary New Mexico State Trust Lands

Released to Imaging: 10/29/2024 2:44:50 P Subsurface Estate

0.4 km



USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources

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

Click to hideNews Bulletins

• Explore the NEW <u>USGS National Water Dashboard</u> interactive map to access realtime water data from over 13,500 stations nationwide.

Groundwater levels for the Nation

Important: <u>Next Generation Monitoring Location Page</u>

Search Results -- 1 sites found

site no list =

• 321717103561001

Minimum number of levels = 1

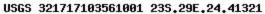
Save file of selected sites to local disk for future upload

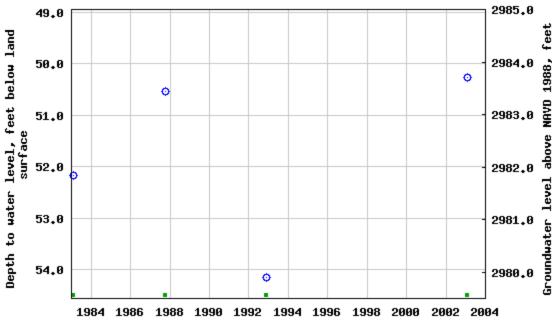
USGS 321717103561001 23S.29E.24.41321

Available data for this site	Groundwater:	Field measurements	→ GO	
Eddy County, New Mexico				
Hydrologic Unit Code 1306	0011			
Latitude 32°17'17", Longit	tude 103°5	6'10" NAD27		
Land-surface elevation 3,0	34 feet abo	ve NAVD88		
This well is completed in th	ne Other aq	uifers (N9999OTI	HER) natio	nal aquifer.
This well is completed in th	ne Rustler F	ormation (312RS	SLR) local a	iquifer.

Output formats

Table of data	
<u>Tab-separated data</u>	
Graph of data	
Reselect period	





Period of approved data

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

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

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: <u>USGS Water Data Support Team</u>

Page Last Modified: 2024-07-18 09:50:34 EDT

0.55 0.5 nadww01





National Water Information System: Mapper







Wetlands Map



July 18, 2024

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond

Lake

Lake

Riverine

Other

— Othe

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.

OReleas 20 To Imaging: 10/29/2024 29:44:50 PM

National Flood Hazard Layer FIRMette





SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT Without Base Flood Elevation (BFE) With BFE or Depth Zone AE, AO, AH, VE, AR SPECIAL FLOOD **HAZARD AREAS** Regulatory Floodway 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 OTHER AREAS OF FLOOD HAZARD Area with Flood Risk due to Levee Zone D NO SCREEN Area of Minimal Flood Hazard Zone X Effective LOMRs OTHER AREAS Area of Undetermined Flood Hazard Zone D - - - Channel, Culvert, or Storm Sewer **GENERAL** STRUCTURES | LILLIL Levee, Dike, or Floodwall 20.2 Cross Sections with 1% Annual Chance Water Surface Elevation **Coastal Transect** Base Flood Elevation Line (BFE) Limit of Study Jurisdiction Boundary **Coastal Transect Baseline** OTHER **Profile Baseline FEATURES** Hydrographic Feature Digital Data Available No Digital Data Available MAP PANELS Unmapped The pin displayed on the map is an approximate

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

point selected by the user and does not represent

an authoritative property location.

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.



2,000



Appendix B

Soil Survey

Soil Map

Geologic Unit Map

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

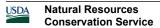
Ecological site: R070BB006NM - Gyp Upland

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



MAP LEGEND

â

00

Δ

Water Features

Transportation

Background

Spoil Area

Stony Spot

Wet Spot

Other

Rails

US Routes

Major Roads

Local Roads

Very Stony Spot

Special Line Features

Streams and Canals

Interstate Highways

Aerial Photography

Area of Interest (AOI)

Area of Interest (AOI)

Soils

Soil Map Unit Polygons



Soil Map Unit Points

Special Point Features

Blowout

Borrow Pit

Clay Spot

Closed Depression

Gravel Pit

Gravelly Spot

Candfill

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

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

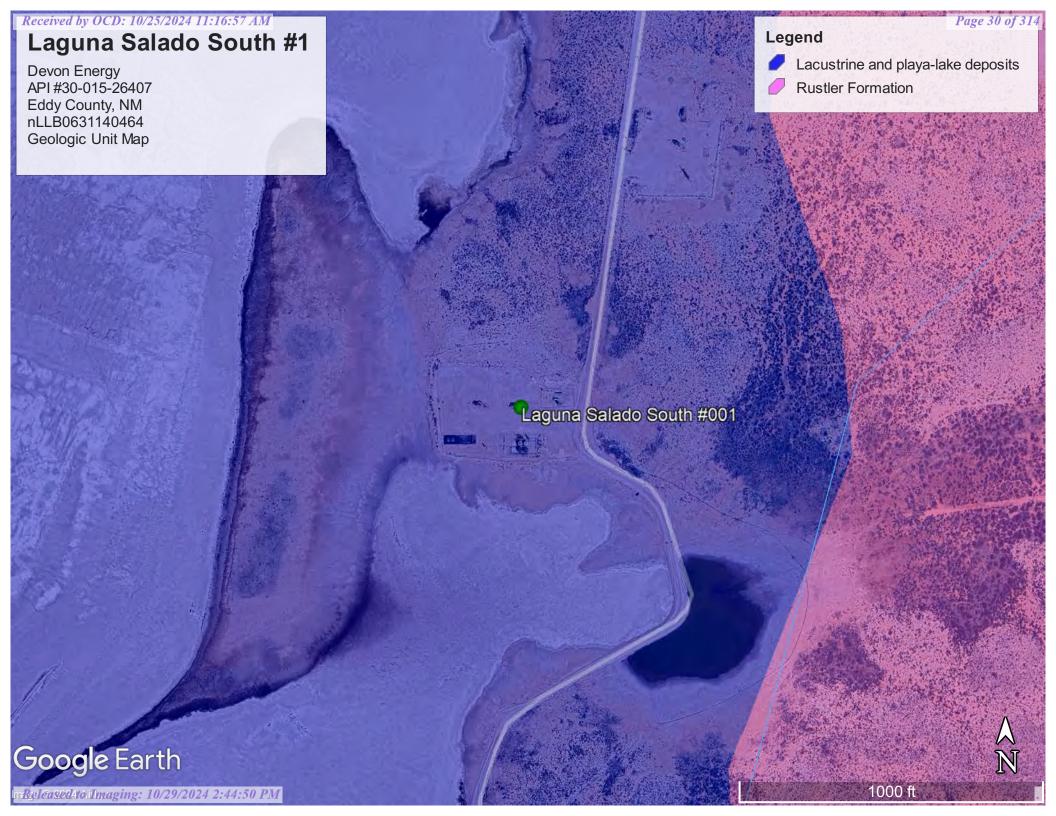
Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

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%





Appendix C

Initial C-141 Form

48-Hour Notifications

NMOCD Correspondence

<u>District I</u> 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

30.015.2			Rel	ease Notific	cation	and Co	rrective A	ction		
LB063114						OPERA			al Report	Final Repo
		evon Energy					nnifer Van Cure			
		; Artesia, N					No. 505-748-010	50		
Facility Nar	ne Laguna	Salado Fed	1			Facility Typ	e Well			
Surface Ow	ner	- W W		Mineral C	wner			Lease 1	No.	
				LOCA	ATION	N OF REI	LEASE			
Unit Letter	Section	Township	Range	Feet from the		South Line	Feet from the	East/West Line	T	County
F	22	238	29E	2030	1	North	1980	West	1	Eddy
		L	La	titude		Longitud	e			
				NAT	URE	OF RELI	EASE			
Type of Rele	ase: Water					· · · · · · · · · · · · · · · · · · ·	Release: 62 bbls		Recovered: 50	
Source of Re	lease: Seal l	broke				Date and H 3-10-06: 10	our of Occurrence):30 AM		Hour of Disco 10:30 AM	very:
Was Immedia	ate Notice (Yes [No □ Not Re	equired	If YES, To Mike Brate				
By Whom? N	1erle Lewis	: Lease Opera	tor				our: 3-10-06; 1:3			
Was a Watero	course Reac		Yes 🗵	No		If YES, Volume Impacting the Watercourse.				
If a Watercou	rse was Im	pacted, Descri	be Fully.*	•		1				
pump and dis	cussed inci	dent at safety	meeting. \	Will continue to m				s of produced wate	т. тиск. керга	
Describe Arealsolated pump				en.* 100° area affecte	d.		APR 1	9 2006	N631144-	noo
						OCD-AHIESIV 3006 E APA				qA
regulations al public health should their o	l operators or the envir perations had ment. In ac	are required to onment. The ave failed to a ddition, NMO	report an acceptanc dequately CD accep	d/or file certain re e of a C-141 repo investigate and re	elease no rt by the emediate	otifications an NMOCD ma contamination	d perform correct rked as "Final Re on that pose a thre the operator of r	nderstand that purs tive actions for rele port" does not reli at to ground water esponsibility for co	eases which ma leve the operator, surface water compliance with	ny endanger or of liability , human health any other
^	•	, /	<i>~</i>				OIL CONS	<u>SERVATION</u>	DIVISION	•
Signature: 1	Mily	ullin	Liell	n			District Superviso	TIM GUM	1./ 1	
Printed Name	: Jennifer V	an Curen				Approved by I	District Superviso	by MB	UK BA	ww
Title: Product	ion Field Te	ech			A	pproval Date	:: 4/9/01	Expiration 1	Date:	
E-mail Addres	ss: jennifer.	vancuren@dv	n.com		c	Conditions of	onditions of Approval:		1	
Date: 3/20/06				Phone: 748-0160						
ttach Addit	Chan	ta If NIcacaa								

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

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

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

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

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

CONDITIONS

Action 390404

CONDITIONS

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

CONDITIONS

Created	Condition	Condition
Ву		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

<u>District I</u> 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

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

District I
1625 N. French Dr., Hobbs, NM 88240
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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 390403

CONDITIONS

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

CONDITIONS

Created	Condition	Condition
Ву		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@dvn.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@dvn.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@dvn.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

Page 43 of 314

Site Assessment



+32,291967,-103,974408 255* W Devon Laguna Salada 22 Fad GTB

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

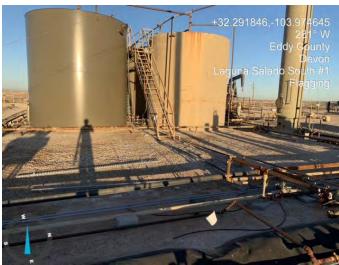






South side of battery

Gravel Removal East





Gravel removal East

Gravel removal middle





Gravel removal West

Gravel removal Southwest









Gravel removal Southwest



Liner inspection 1



Liner inspection 2



Liner inspection 3



Liner inspection 4







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





+32.291838,-103.974905
56° NE
Eddy County
Devon
Laguna Salado South #1
Post-a voavation

Backfill containment 1

Backfill containment 2





Backfill containment 3

Backfill containment 4





Backfill containment 5

Backfill containment 6







Backfill containment 7

Backfill containment 8





Backfill containment 9

Backfill containment 10



Backfill containment 11



Liner Inspection Form

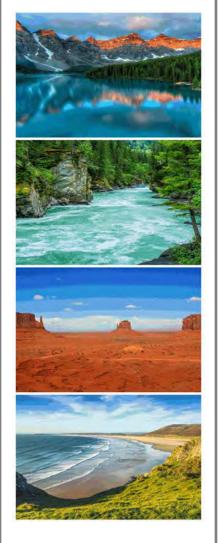
Company Name:	Devon Energy								
Site:	Laguna Salado South #001								
Lat/Long:	32.2922554, -103.9748001								
NMOCD Incident ID & Incident Date:									
2-Day Notification Sent:	•								
Inspection Date:	Inspection Date: <u>10/9/2024</u> @8:00 a.m.								
Liner Type:	Earthen	w/line	Earthen no liner	Polystar					
Į	Earth w/	<mark>poly li</mark>	ner 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 sample each tear from $0-4$ feet.	oles underneath					
Are there holes in the liner?		X							
Is the liner retaining any fluids?		X							
Does the liner have integrity to contain a leak?		X							
			pair after samples are collected from under						
Inspector Name:	Andrew	France	Inspector Signature:	ew 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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Alexa Michaels

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Lynn Jarbuc

Technical Representative/Client Services

Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan

Technical Representative Office: 505-421-LABS(5227)

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Donoutoda
PO Box 247	Project Number:	01058-0007	Reported:
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.

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	4/5/2023 8:49:14AM

P1 - 1' E303125-01

	2000120 01				
D. Iv		Dil d			N. A
Result	Limit	Dilut	ion Prepared	Analyzed	Notes
mg/kg	mg/kg	А	Analyst: SL		Batch: 2313052
ND	0.0250	1	03/30/23	03/30/23	
ND	0.0250	1	03/30/23	03/30/23	
ND	0.0250	1	03/30/23	03/30/23	
ND	0.0250	1	03/30/23	03/30/23	
ND	0.0500	1	03/30/23	03/30/23	
ND	0.0250	1	03/30/23	03/30/23	
	93.4 %	70-130	03/30/23	03/30/23	
	100 %	70-130	03/30/23	03/30/23	
	103 %	70-130	03/30/23	03/30/23	
mg/kg	mg/kg	Α	Analyst: SL		Batch: 2313052
ND	20.0	1	03/30/23	03/30/23	
	93.4 %	70-130	03/30/23	03/30/23	
	100 %	70-130	03/30/23	03/30/23	
	103 %	70-130	03/30/23	03/30/23	
mg/kg	mg/kg	Α	Analyst: JL		Batch: 2313085
ND	25.0	1	03/31/23	03/31/23	
ND	50.0	1	03/31/23	03/31/23	
				02/21/22	
	90.7 %	50-200	03/31/23	03/31/23	
mg/kg	90.7 % mg/kg		03/31/23 Analyst: BA	03/31/23	Batch: 2313058
	ND ND ND ND ND ND ND ND ND Mg/kg ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 MD 0.0250 mg/kg mg/kg Mg/kg mg/kg MD 20.0 93.4 % 100 % 100 % 103 % mg/kg mg/kg mg/kg mg/kg ND 25.0	Result Limit Dilut mg/kg mg/kg A ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 93.4 % 70-130 100 % 70-130 mg/kg mg/kg A ND 20.0 1 93.4 % 70-130 1 100 % 70-130 1 103 % 70-130 1 mg/kg mg/kg A ND 25.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 03/30/23 ND 0.0250 1 03/30/23 ND 0.0250 1 03/30/23 ND 0.0250 1 03/30/23 ND 0.0500 1 03/30/23 ND 0.0250 1 03/30/23 ND 70-130 03/30/23 100 % 70-130 03/30/23 103 % 70-130 03/30/23 mg/kg mg/kg Analyst: SL 100 % 70-130 03/30/23 100 % 70-130 03/30/23 100 % 70-130 03/30/23 103 % 70-130 03/30/23 103 % 70-130 03/30/23 100 % 70-130 03/30/23 100 % 70-130 03/30/23 100 % 70-130 03/30/23 100 % 70-130 03/30/23 <td>Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 03/30/23 03/30/23 ND 0.0250 1 03/30/23 03/30/23 ND 0.0250 1 03/30/23 03/30/23 ND 0.0500 1 03/30/23 03/30/23 ND 0.0500 1 03/30/23 03/30/23 ND 0.0250 1 03/30/23 03/30/23 ND 0.0250 1 03/30/23 03/30/23 100 % 70-130 03/30/23 03/30/23 100 % 70-130 03/30/23 03/30/23 100 % 70-130 03/30/23 03/30/23 100 % 70-130 03/30/23 03/30/23 100 % 70-130 03/30/23 03/30/23 100 % 70-130 03/30/23 03/30/23 100 % 70-130 03/30/23 03/30/23 100 % <t< td=""></t<></td>	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 03/30/23 03/30/23 ND 0.0250 1 03/30/23 03/30/23 ND 0.0250 1 03/30/23 03/30/23 ND 0.0500 1 03/30/23 03/30/23 ND 0.0500 1 03/30/23 03/30/23 ND 0.0250 1 03/30/23 03/30/23 ND 0.0250 1 03/30/23 03/30/23 100 % 70-130 03/30/23 03/30/23 100 % 70-130 03/30/23 03/30/23 100 % 70-130 03/30/23 03/30/23 100 % 70-130 03/30/23 03/30/23 100 % 70-130 03/30/23 03/30/23 100 % 70-130 03/30/23 03/30/23 100 % 70-130 03/30/23 03/30/23 100 % <t< td=""></t<>



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	4/5/2023 8:49:14AM

P1 - 3' E303125-02

		Reporting					
Analyte	Result	Limit	Diluti	ion Prep	ared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	analyst: SL			Batch: 2313052
Benzene	ND	0.0250	1	03/3	0/23	03/30/23	
Ethylbenzene	ND	0.0250	1	03/3	0/23	03/30/23	
Toluene	ND	0.0250	1	03/3	0/23	03/30/23	
o-Xylene	ND	0.0250	1	03/3	0/23	03/30/23	
p,m-Xylene	ND	0.0500	1	03/3	0/23	03/30/23	
Total Xylenes	ND	0.0250	1	03/3	0/23	03/30/23	
Surrogate: Bromofluorobenzene		95.0 %	70-130	03/3	0/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	03/3	0/23	03/30/23	
Surrogate: Toluene-d8		103 %	70-130	03/3	0/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	analyst: SL			Batch: 2313052
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/3	0/23	03/30/23	
Surrogate: Bromofluorobenzene		95.0 %	70-130	03/3	0/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	03/3	0/23	03/30/23	
Surrogate: Toluene-d8		103 %	70-130	03/3	0/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	analyst: JL			Batch: 2313085
Diesel Range Organics (C10-C28)	33.0	25.0	1	03/3	1/23	04/03/23	
Oil Range Organics (C28-C36)	76.1	50.0	1	03/3	1/23	04/03/23	
Surrogate: n-Nonane		94.7 %	50-200	03/3	1/23	04/03/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: BA			Batch: 2313058
Chloride	12200	1000	50	03/3	0/22	03/30/23	

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	4/5/2023 8:49:14AM

P1 - 4' E303125-03

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	An	nalyst: 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	An	nalyst: 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	An	nalyst: 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	An	nalyst: BA		Batch: 2313058
Chloride	10400		50	03/30/23	03/30/23	

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	4/5/2023 8:49:14AM

P2 - 1'

		E303125-04				
		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: 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	A	nalyst: 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	A	nalyst: 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	A	nalyst: BA		Batch: 2313058
Chloride	10900	1000	50	03/30/23	03/30/23	



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	4/5/2023 8:49:14AM

P2 - 3' E303125-05

		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	А	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	А	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	A	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	A	analyst: BA		Batch: 2313058



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	4/5/2023 8:49:14AM

P2 - 4' E303125-06

		E505125-00				
Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
Maryte				1	Milaryzea	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Ai	nalyst: 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	A	nalyst: 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	A	nalyst: 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	Ai	nalyst: BA		Batch: 2313058
Chloride	9880	1000	50	03/30/23	03/30/23	

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	4/5/2023 8:49:14AM

P3 - 1' E303125-07

		2000120 07					
Analyte	Result	Reporting Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Allalyte						Allalyzed	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2313052
Benzene	ND	0.0250	1	1	03/30/23	03/30/23	
Ethylbenzene	ND	0.0250	1	1	03/30/23	03/30/23	
Toluene	ND	0.0250	1	1	03/30/23	03/30/23	
o-Xylene	ND	0.0250	1	1	03/30/23	03/30/23	
p,m-Xylene	ND	0.0500	1	1	03/30/23	03/30/23	
Total Xylenes	ND	0.0250	1	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	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	2	03/31/23	04/01/23	
Oil Range Organics (C28-C36)	ND	100	2	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	5	0	03/30/23	03/30/23	

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	4/5/2023 8:49:14AM

P3 - 3' E303125-08

Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		nalyst: SL	<i>ny 200</i>	Batch: 2313052
Benzene	ND	0.0250	1	03/30/23	03/30/23	Batch: 2313032
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	A	nalyst: 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	A	nalyst: 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	A	nalyst: BA		Batch: 2313058
Chloride	7930	1000	50	03/30/23	03/30/23	

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	4/5/2023 8:49:14AM

P3 - 4' E303125-09

Analyte	Result	Reporting Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	•		Batch: 2313052
Benzene	ND	0.0250	1		03/30/23	03/30/23	
Ethylbenzene	ND	0.0250	1	l	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	Į.	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	10	00	03/30/23	03/30/23	

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	4/5/2023 8:49:14AM

BG2 - 1' E303125-10

Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
				Analyst	•	7 Hary Zea	Batch: 2313052
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		1	03/30/23	03/30/23	Batch. 2313032
Benzene	ND	0.0250		1	03/30/23	03/30/23	
Ethylbenzene	ND	0.0250		1			
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	: Л		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	

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	4/5/2023 8:49:14AM

BG2 - 3' E303125-11

		E505125-11				
Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
Analyte	Result	Limit	Dilutio	on Prepared	Anaiyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	An	nalyst: 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	An	nalyst: 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	An	aalyst: 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	An	nalyst: BA		Batch: 2313058
Chloride	7160	1000	50	03/30/23	03/30/23	



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	4/5/2023 8:49:14AM

BG2 - 4'

		E303125-12					
		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	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	1	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	1	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	1	Analyst:	BA		Batch: 2313058
Chloride	8600	400	20)	03/30/23	03/30/23	



QC Summary Data

Laguna Salado South #1 Pima Environmental Services-Carlsbad Project Name: 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 Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2313052-BLK1) Prepared: 03/30/23 Analyzed: 03/31/23 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: Bromofluorobenzene 0.461 0.500 92.2 70-130 Surrogate: 1,2-Dichloroethane-d4 0.473 0.500 94.5 70-130 0.500 104 70-130 Surrogate: Toluene-d8 0.521 LCS (2313052-BS1) Prepared: 03/30/23 Analyzed: 03/31/23 2.18 0.0250 2.50 87.4 70-130 Benzene 2.25 2.50 90.2 70-130 Ethylbenzene 0.0250 2.32 0.0250 2.50 92.8 70-130 2.29 70-130 0.0250 2.50 91.6 o-Xylene 4.58 5.00 91.6 70-130 p,m-Xylene 0.0500 6.87 0.0250 7.50 91.6 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.503 0.500 101 70-130 0.500 95.8 70-130 Surrogate: 1,2-Dichloroethane-d4 0.479 70-130 Surrogate: Toluene-d8 0.500 0.520 Matrix Spike (2313052-MS1) Source: E303125-01 Prepared: 03/30/23 Analyzed: 03/31/23 2.23 0.0250 2.50 ND 89.3 48-131 45-135 Ethylbenzene 2.28 0.0250 2.50 ND 91.3 48-130 Toluene 2.28 0.0250 2.50 ND 91.2 2.30 0.0250 2.50 ND 91.9 43-135 o-Xylene 4.56 ND 91.2 43-135 p,m-Xylene 0.0500 5.00 Total Xylenes 6.86 0.0250 7.50 ND 91.4 43-135 97.9 Surrogate: Bromofluorobenzene 0.490 0.500 70-130 0.500 95.9 70-130 Surrogate: 1,2-Dichloroethane-d4 0.480 0.500 70-130 0.516 Surrogate: Toluene-d8 Matrix Spike Dup (2313052-MSD1) Source: E303125-01 Prepared: 03/30/23 Analyzed: 03/31/23 2.14 0.0250 2.50 ND 85.4 48-131 4.42 23 2.19 0.0250 2.50 ND 87.7 45-135 4.00 27 Ethylbenzene ND 87.8 48-130 3.71 24 2.20 2.50 Toluene 0.0250 o-Xylene 2.19 0.0250 2.50 ND 87.7 43-135 4.65 27 5.00 ND 43-135 4.04 27 4.38 87.6 p,m-Xylene 0.0500 27 6.57 0.0250 7.50 ND 87.6 43-135 4.24 Total Xylenes Surrogate: Bromofluorobenzene 0.491 0.500 98.1 70-130



0.500

0.500

0.483

0.515

96.6

70-130

70-130

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

QC Summary Data

Pima Environmental Services-CarlsbadProject Name:Laguna Salado South #1Reported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Tom Bynum4/5/20238:49:14AM

		Analyst: SL							
Resul	Reporting t Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2313052-BLK1)							Prepared: 0	3/30/23 Analy	zed: 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	3/30/23 Analy	zed: 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: 02	3/30/23 Analy	zed: 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: 0.	3/30/23 Analy	zed: 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			



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

RPD Limit %	Analyst: JL
Limit	
%	
	Notes
/31/23 Analyz	zed: 03/31/23
/31/23 Analyz	zed: 03/31/23
/31/23 Analyz	zed: 03/31/23
/31/23 Analyz	zed: 03/31/23
20	
/3	31/23 Analy 31/23 Analy 31/23 Analy 31/23 Analy



QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		aguna Salado 1058-0007	South #1				Reported:
Plains TX, 79355-0247		Project Manager:		om Bynum					4/5/2023 8:49:14AM
		Anions	by EPA	300.0/9056	1				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2313058-BLK1)							Prepared: 0	3/30/23	Analyzed: 03/30/23
Chloride	ND	20.0							
LCS (2313058-BS1)							Prepared: 0	3/30/23	Analyzed: 03/30/23
Chloride	251	20.0	250		101	90-110			
Matrix Spike (2313058-MS1)				Source:	E303125-0)1	Prepared: 0	3/30/23	Analyzed: 03/30/23
Chloride	7690	1000	250	8670	NR	80-120			M5, R3
Matrix Spike Dup (2313058-MSD1)				Source:	E303125-0)1	Prepared: 0	3/30/23	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

ſ	Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	
ı	PO Box 247	Project Number:	01058-0007	Reported:
l	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.



in the second second	- Programme				r		1.	b Use	and.		1		TAT	-	EPA P	ogran
ient: Pima Environme roject://a/una Sali roject Mariager: Tomi ddress: 5614 N. Lovir	ado Sou Bynum	h#/	Attention: Bill To Address: City, State, Zip		Lab V E 3	NO#) Jo	b Nur	nber - 0007 and Metho		2D		Standard	CWA	SDW
ity, State, Zip Hobbs, hone: 580-748-1613 mail: tom@pimaoil.o eport due by:	VM, 88240		Phone: Email: Pima Project # /- 275		DRO/ORO by 8015	GRO/DRO by 8015	y 8021	8260	e 300.0		NN C	첫		NM CO	State UT AZ	TX
Time Date Matri	No. of Containers	Sample ID		Lab Number	DRO/O	GRO/D	втех by 8021	VOC by 8260	Chloride 300		BGDOC	BGDOC			Remarks	
1:00 3/28/23 S		P1-11		1							X					_
1:05 1 1		P1-3'		2							1					
1:10		P1.4'		3												
1:15		P2-1'		4											,,,,,	
1:20		P2-3'		5											ì	
1:25		P2-4'		6												
30		P3-1'		7												
7:35		P3-31		8	N											
7:40		D3-4		9												
1:45	4	BG2-1)	10							4	+				
Additional Instructions:		Bi	11ing#: 211361	58	- ا											
(field sampler), attest to the val	dity and auther	ticity of this sample. I a	m aware that tampering with or intentionally mi	slabelling the sampl	le locațio	on, or	37	Sa	mples re	quiring therma ce at an avg ter	l presen np abov	vation m	ust be red ess than (ceived on ice the da 6°C on subsequent	y they are sam days.	pled or r
Relinquished by (Signature)	Dat	29-23 Z=0	Received by: (Signature) Auxille Curyle	_ Pate 729-	23	Time 14	100	R	eceiv	ed on ice:	1.1.	Lab L	Jse On V	llý		
Relinquished by: (Signature) Mchille (Mychile) Relinquished by: (Signature)	Dat 3	29.23 17	Received by: (Signature) Received by: (Signature)	Date 325	23	Time Time	30	Ì	1		<u>T2</u>			<u>T3</u>		
hovens le	2	29-23 231		03/30		3	:00	1	VG T	emp °C tic, ag - am	4.0	in i			10 10 10 10 10 10 10 10 10 10 10 10 10 1	5

2024 2:44:50 PM

City, State, Zip Hobbs, NM, 88240

Phone: 580-748-1613

Report due by:

Email: tom@pimaoil.com

by OCD: 10/25/2024 11:16:57 AM

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number	DRO/O	GRO/D	втех ь	VOC by	Chlorid		BGDO	верос		F	Remarks	
7:50	3/28/23	S	1	BG2:3'		11							X					
7:55	A	A	+	BG2-4'		12							4					
												WE.						
MIC.																		
	· ·		, a															
				1														
				7	-													
-																		
Addition	al Instruc	tions:	il.	Billing	#0													
				icity of this sample. I am aware may be grounds for legal action.	that tampering with or intentionally mislab	elling the sample	NO.	ion,	2	Sa pa	nples requi cked in ice	ing thermal t an avg tem	preserva p above	ation mu 0 but les	st be received ss than 6 °C or	I on ice the day the n subsequent day	ney are sampled or rece s.	eived
	ed by (Signa		Date		Received by: (Signature) Nacull Ellayla	3-29	23	Time	100	R	eceived	on ice:		ab Us	se Only			, ,
Mich	ed by: (Sign;	enzall	Date	29-23 1715	Received by: (Signature)	3-29-	23	Time	30	Ī	L		<u>T2</u>			<u>T3</u>		
Relinguish	ed by: (Sign:	Lei,	Date		Received by: (Signature)	03/30	23	Time	7:00	A		p°C_		34 • (1)			**************************************	e Doda
T		1 C Pd C	Cl. de a	Iqueous, O - Other		Containe	r Typ	e:/g-	glass,	p - poly	/plastic	ag - amb	er gla	ass, v -	The repo	rt for the anal	lysis of the above	
Note: Sam	ples are disc	carded 30 d	lays after re	sults are reported unless oth	er arrangements are made. Hazardo	us samples wil	be re	turne	d to cli	for on t	sposed o	at the cli	ent ex	pense.	тие теро	i cioi the ana	1313 01 010 03000	
samples is	applicable of	only to thos	se samples	eceived by the laboratory wi	th this COC. The liability of the laborat	ory is infliced t	o the	amou	nt palu	101 011	ic repor			_	ATS.	TSI		331

Attention:

City, State, Zip

Pima Project #

Address:

Phone:

Email:

envirotech Inc.

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

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

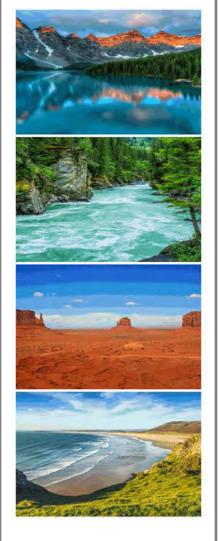
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

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)			
	Custody (COC)						
	ne sample ID match the COC?		Yes				
	ne number of samples per sampling site location ma	tch the COC	Yes				
	amples dropped off by client or carrier?		Yes	Carrier: <u>C</u>	Courier		
	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes				
5. Were al	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi	•	Yes			<u>Comment</u>	s/Resolution
Sample T	urn Around Time (TAT)						
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C	<u>Cooler</u>						
7. Was a s	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was the	e 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	e sample received on ice? If yes, the recorded temp is 4°C. Note: Thermal preservation is not required, if samples ar minutes of sampling		Yes				
13. If no v	visible ice, record the temperature. Actual sample	temperature: 4°0	<u>C</u>				
Sample C	<u>Container</u>						
14. Are ac	queous VOC samples present?		No				
15. Are V	OC 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 no	on-VOC samples collected in the correct containers	?	Yes				
19. Is the a	appropriate volume/weight or number of sample contain	ners collected?	Yes				
Field Lab	<u>oel</u>						
	field sample labels filled out with the minimum info	ormation:					
	ample ID?		Yes				
	ate/Time Collected? ollectors name?		Yes	'			
	reservation		No				
-	the COC or field labels indicate the samples were p	reserved?	No				
	ample(s) correctly preserved?	reserved:	NA				
	filteration required and/or requested for dissolved n	netals?	No				
	<u>.</u>		110				
	se Sample Matrix	9	3.7				
	the sample have more than one phase, i.e., multipha		No				
	does the COC specify which phase(s) is to be analy	yzeu?	NA				
	act Laboratory						
	imples required to get sent to a subcontract laborato	-	No				
29. Was a	subcontract laboratory specified by the client and i	f so who?	NA	Subcontract Lab	: NA		
Client In	<u>struction</u>						

Date

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

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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Alexa Michaels

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Technical Representative/Client Services

Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@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	Donoutoda
PO Box 247	Project Number:	01058-0007	Reported:
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.

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	4/5/2023 8:56:20AM

N1 - 1' E303133-01

Dl4		Dile	D	A 1	Notes
Result	Limit	Dilutio	n Prepared	Anaiyzed	Notes
mg/kg	mg/kg	An	alyst: SL		Batch: 2313054
ND	0.0250	1	03/30/23	03/31/23	
ND	0.0250	1	03/30/23	03/31/23	
ND	0.0250	1	03/30/23	03/31/23	
ND	0.0250	1	03/30/23	03/31/23	
ND	0.0500	1	03/30/23	03/31/23	
ND	0.0250	1	03/30/23	03/31/23	
	92.9 %	70-130	03/30/23	03/31/23	
	101 %	70-130	03/30/23	03/31/23	
	103 %	70-130	03/30/23	03/31/23	
mg/kg	mg/kg	An	alyst: SL		Batch: 2313054
ND	20.0	1	03/30/23	03/31/23	
	92.9 %	70-130	03/30/23	03/31/23	
	101 %	70-130	03/30/23	03/31/23	
	103 %	70-130	03/30/23	03/31/23	
mg/kg	mg/kg	An	alyst: KM		Batch: 2313070
ND	25.0	1	03/30/23	03/31/23	<u> </u>
ND	50.0	1	03/30/23	03/31/23	
	93.0 %	50-200	03/30/23	03/31/23	
mg/kg	mg/kg	An	alyst: BA		Batch: 2313092
9720	400	20	03/31/23	04/01/23	
	ND ND ND ND ND ND ND ND ND Mg/kg ND Mg/kg	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 MD 0.0250 92.9 % 101 % 103 % mg/kg ND 20.0 92.9 % 101 % 103 % mg/kg ND 25.0 ND 50.0 93.0 % mg/kg mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg An ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 70-130 101% 101% 70-130 101% ND 20.0 1 92.9% 70-130 101% 101% 70-130 101% 103% 70-130 101% 103% 70-130 101% 103% 70-130 101% ND 25.0 1 ND 50.0 1 93.0% 50-200 mg/kg mg/kg An	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 03/30/23 ND 0.0250 1 03/30/23 ND 0.0250 1 03/30/23 ND 0.0250 1 03/30/23 ND 0.0500 1 03/30/23 ND 0.0250 1 03/30/23 ND 0.0250 1 03/30/23 101 % 70-130 03/30/23 101 % 70-130 03/30/23 103 % 70-130 03/30/23 101 % 70-130 03/30/23 101 % 70-130 03/30/23 103 % 70-130 03/30/23 103 % 70-130 03/30/23 103 % 70-130 03/30/23 103 % 70-130 03/30/23 103 % 70-130 03/30/23 103 % 70-130 03/30/23 103 % 70-130	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 03/30/23 03/31/23 ND 0.0500 1 03/30/23 03/31/23 ND 0.0250 1 03/30/23 03/31/23 ND 0.0250 1 03/30/23 03/31/23 101 % 70-130 03/30/23 03/31/23 103 % 70-130 03/30/23 03/31/23 mg/kg mg/kg Analyst: SL ND 20.0 1 03/30/23 03/31/23 103 % 70-130 03/30/23 03/31/23 mg/kg mg/kg Analyst: KM ND 25.0 1 03/30/23 03/31/23 ND 50.0 <td< td=""></td<>



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	4/5/2023 8:56:20AM

N1 - 3' E303133-02

		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	A	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	A	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	A	analyst: BA		Batch: 2313092
Chloride	13400	400	20	03/31/23	04/01/23	·

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	4/5/2023 8:56:20AM

N1 - 4' E303133-03

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	А	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	А	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	Α	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	Α	Analyst: BA		Batch: 2313092
Chloride	12200	400	20	03/31/23	04/01/23	

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	4/5/2023 8:56:20AM

N2 - 1' E303133-04

Analyte	Result	Reporting Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: SL		Batch: 2313054
Renzene	ND	0.0250	1	1	03/30/23	03/31/23	
Ethylbenzene	ND	0.0250	1	1	03/30/23	03/31/23	
Toluene	ND	0.0250	1	1	03/30/23	03/31/23	
o-Xylene	ND	0.0250	1	1	03/30/23	03/31/23	
p,m-Xylene	ND	0.0500	1	1	03/30/23	03/31/23	
Total Xylenes	ND	0.0250	1	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	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	1	03/30/23	03/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	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	2	.0	03/31/23	04/01/23	

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	4/5/2023 8:56:20AM

N2 - 3' E303133-05

		Reporting					
Analyte	Result	Limit	Dilut	ion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	А	Analyst: S	L		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	А	Analyst: S	L		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	Α	Analyst: K	М		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	Α	Analyst: B	A		Batch: 2313092
Chloride	10900	400	20	·	03/31/23	04/01/23	



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	4/5/2023 8:56:20AM

N2 - 4' E303133-06

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	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	Α	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	Α	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	A	Analyst: BA		Batch: 2313092
Chloride	10000	400	20	03/31/23	04/01/23	

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	4/5/2023 8:56:20AM

N3 - 1' E303133-07

		Reporting					
Analyte	Result	Limit	Dilut	ion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: S	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	Α	Analyst: S	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	Α	Analyst: I	ζM		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	Α	Analyst: I	ВА		Batch: 2313092
Chloride	9150	400	20	`	03/31/23	04/01/23	· · · · · · · · · · · · · · · · · · ·

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	4/5/2023 8:56:20AM

N3 - 3' E303133-08

		Reporting					
Analyte	Result	Limit	Diluti	ion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	analyst: Sl	L		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	A	analyst: Sl	L		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	A	analyst: K	M		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	A	analyst: B	A		Batch: 2313092
Chloride	17700	400	20		03/31/23	04/01/23	

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	4/5/2023 8:56:20AM

N3 - 4' E303133-09

		Reporting					
Analyte	Result	Limit	Diluti	ion I	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	А	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	А	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	А	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	A	Analyst: BA			Batch: 2313092
Chloride	10600	400	20		03/31/23	04/01/23	



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	4/5/2023 8:56:20AM

BG1 - 1' E303133-10

Analyte	Result	Reporting Limit	Dilu	tion	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	l	03/30/23	04/01/23	
o-Xylene	ND	0.0250	1	l	03/30/23	04/01/23	
p,m-Xylene	ND	0.0500	1	Į.	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	0	03/31/23	04/01/23	

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	4/5/2023 8:56:20AM

BG1 - 3' E303133-11

Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
			Dil	Analyst		7 mary zea	Batch: 2313054
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Allaryst		0.4/0.1/0.2	Batch: 2313034
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	

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	4/5/2023 8:56:20AM

BG1 - 4' E303133-12

		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	A	nalyst: 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	A	nalyst: 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	A	nalyst: 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	A	nalyst: BA		Batch: 2313092
Chloride	9840	400	20	03/31/23	04/01/23	•

QC Summary Data

Laguna Salado South #1 Pima Environmental Services-Carlsbad Project Name: 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 Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2313054-BLK1) Prepared: 03/30/23 Analyzed: 03/31/23 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: Bromofluorobenzene 0.459 0.500 91.7 70-130 Surrogate: 1,2-Dichloroethane-d4 0.469 0.500 93.8 70-130 0.500 103 70-130 Surrogate: Toluene-d8 0.514 LCS (2313054-BS1) Prepared: 03/30/23 Analyzed: 03/31/23 2.24 0.0250 2.50 89.6 70-130 Benzene 2.29 2.50 70-130 91.7 Ethylbenzene 0.0250 2.29 0.0250 2.50 91.6 70-130 92.5 70-130 2.31 0.0250 2.50 o-Xylene 4.62 5.00 92.4 70-130 p,m-Xylene 0.0500 6.93 0.0250 7.50 92.4 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.500 0.500 100 70-130 0.500 94.2 70-130 Surrogate: 1,2-Dichloroethane-d4 0.471 70-130 Surrogate: Toluene-d8 0.500 0.518 Matrix Spike (2313054-MS1) Source: E303132-22 Prepared: 03/30/23 Analyzed: 03/31/23 2.28 0.0250 2.50 ND 48-131 45-135 Ethylbenzene 2.33 0.0250 2.50 ND 93.0 93.2 48-130 Toluene 2.33 0.0250 2.50 ND 2.34 0.0250 2.50 ND 93.7 43-135 o-Xylene 4.67 ND 93.4 43-135 p,m-Xylene 0.0500 5.00 Total Xylenes 7.01 0.0250 7.50 ND 93.5 43-135 Surrogate: Bromofluorobenzene 0.494 0.500 98.8 70-130 0.500 91.1 70-130 Surrogate: 1,2-Dichloroethane-d4 0.456 0.500 70-130 0.521 Surrogate: Toluene-d8 Matrix Spike Dup (2313054-MSD1) Source: E303132-22 Prepared: 03/30/23 Analyzed: 03/31/23 2.25 0.0250 2.50 ND 90.2 48-131 0.993 23 2.31 0.0250 2.50 ND 92.2 45-135 0.842 27 Ethylbenzene ND 48-130 24 2.28 2.50 91.2 2.15 Toluene 0.0250 o-Xylene 2.32 0.0250 2.50 ND 92.7 43-135 1.07 27 5.00 ND 92.1 43-135 27 4.61 1.34 p,m-Xylene 0.0500 27 6.92 0.0250 7.50 ND 92.3 43-135 1.25 Total Xylenes Surrogate: Bromofluorobenzene 0.487 0.500 973 70-130 0.500 94.9 70-130 Surrogate: 1,2-Dichloroethane-d4 0.475



0.500

102

70-130

0.512

Surrogate: Toluene-d8

Analyst: SL

QC Summary Data

Laguna Salado South #1 Pima Environmental Services-Carlsbad Project Name: 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	

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

Timily to	Result	Limit	Level	Result	Rec	Limits	RPD	Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2313054-BLK1)							Prepared: 03	3/30/23 Anal	yzed: 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	3/30/23 Anal	yzed: 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:	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:	E303132-2	22	Prepared: 03	3/30/23 Anal	yzed: 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

Plains TX, 79355-0247		Project Manage	r: To	m Bynum					4/5/2023 8:56:20AN
	Nonha	logenated Or	ganics by	EPA 8015I	D - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2313070-BLK1)							Prepared: 0	3/30/23 A	nalyzed: 03/31/23
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	51.6		50.0		103	50-200			
LCS (2313070-BS1)							Prepared: 0	3/30/23 A	nalyzed: 03/31/23
Diesel Range Organics (C10-C28)	268	25.0	250		107	38-132			
urrogate: n-Nonane	49.2		50.0		98.4	50-200			
Matrix Spike (2313070-MS1)				Source:	E303150-	03	Prepared: 0	3/30/23 A	nalyzed: 03/31/23
Diesel Range Organics (C10-C28)	712	25.0	250	430	113	38-132			
urrogate: n-Nonane	50.2		50.0		100	50-200			
Matrix Spike Dup (2313070-MSD1)				Source:	E303150-	03	Prepared: 0	3/30/23 A	nalyzed: 03/31/23
Diesel Range Organics (C10-C28)	750	25.0	250	430	128	38-132	5.10	20	
urrogate: n-Nonane	50.2		50.0		100	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		aguna Salado (1058-0007	South #1				Reported:
Plains TX, 79355-0247		Project Manager:	: Т	om Bynum					4/5/2023 8:56:20AM
		Anions	by EPA	300.0/9056 <i>A</i>	1				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
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:	E303132-2	21	Prepared: (03/31/23	Analyzed: 04/01/23
Chloride	574	20.0	250	289	114	80-120			
Matrix Spike Dup (2313092-MSD1)				Source:	E303132-2	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

ſ	Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	
١	PO Box 247	Project Number:	01058-0007	Reported:
١	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

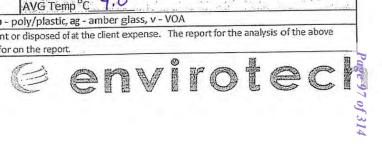
Note (1): Methods marked with ** are non-accredited methods.

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



Additional Instructions:		P	illing # 21130	6158		
I, (field sampler), attest to the validity and a date or time of collection is considered frau				ling the sample locati	on,	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 3:29-23	Time 2:00	Received by: (Signature) McCulle Guy &	3.1923	1400	Lab Use Only Received on ice: N
Relinquished by: (Signature)	Date 3-29-23	Time 1715	Received by: (Signature)	3-27-23	Time (730	<u>T1: </u>
Relinquished by: (Signature)	Date 3-25-23	Time 23/5	Received by: (Signature)	03/30/23	7:60	AVG Temp °C 4,0
Sample Matrix; S - Soil, Sd - Solid, Sg - Sludg	e, A - Aqueous, O - C	ther	007	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 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.



oject into	rmation						Chain of Custody											Page _Z	
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oject: La	guna	sagad	D SOW	n#I		125.1		Lab	WO#			Job I	Number	1D	2D	3D	Standard	CWA	SDWA
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Time	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	втех by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC	верос			Remark	S
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elinguished			Date 3		00	Received by: (Signature) Received by: (Signature) Received by: (Signature)	10-4-	23	Time	10		Rec	eived on ic	e: (Lab L	Jse On N	ly		
elinguished Micha	10	ture)	Date	Time	15	Received by: (Signature)	Date 3-29.	23	lime			T1.					<u>T3.</u>		
elinguished	by: (Signa		Date	Time	515	Received by: (Signature)	Date 03/30	23	Time	7:00		1	Temp°C_	4.0		3		Angle of the second	1 1

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

Envirotech Analytical Laboratory

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)						
	ne sample ID match the COC?		Yes				
	ne number of samples per sampling site location mate	ch the COC	Yes				
	amples dropped off by client or carrier?		Yes	Carrier: C	Courier		
	e COC complete, i.e., signatures, dates/times, reques	ted analyses?	Yes	Carrier. <u>C</u>	<u>Jourici</u>		
	Il samples received within holding time?	iou umurjaes.	Yes				
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssio					Comment	s/Resolution
Sample 7	Turn Around Time (TAT)						
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample (<u>Cooler</u>						
7. Was a	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was th	e 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				
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	received w/i 15	Yes				
	, ,	temperature. 4	<u>c</u>				
	<u>Container</u> queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers?		Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field Lal	· · · · · · · · · · · · · · · · · · ·	ers conected?	165				
	field sample labels filled out with the minimum infor	rmation:					
	ample ID?	mation.	Yes				
	pate/Time Collected?		Yes	l			
C	ollectors name?		No				
Sample I	Preservation_						
21. Does	the COC or field labels indicate the samples were pro-	eserved?	No				
22. Are s	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved m	etals?	No				
Multipha	se Sample Matrix						
26. Does	the sample have more than one phase, i.e., multiphas	e?	No				
27. If yes	, does the COC specify which phase(s) is to be analy	zed?	NA				
Subconti	act Laboratory						
	amples required to get sent to a subcontract laborator	v?	No				
	subcontract laboratory specified by the client and if	-	NA	Subcontract Lab	· NA		
				Succentract East			
Chent II	<u>nstruction</u>						

Date

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

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: E407125

Job Number: 01058-0007

Received: 7/17/2024

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 7/17/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

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

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

Date Reported: 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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Laboratory Technical Representative Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com



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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Donoutoda
PO Box 247	Project Number:	01058-0007	Reported:
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.



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	7/17/2024 4:52:49PM

CP1-3.5' E407125-01

	E40/125-01				
	1 0				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2429045
ND	0.0250	1	07/16/24	07/17/24	
ND	0.0250	1	07/16/24	07/17/24	
ND	0.0250	1	07/16/24	07/17/24	
ND	0.0250	1	07/16/24	07/17/24	
ND	0.0500	1	07/16/24	07/17/24	
ND	0.0250	1	07/16/24	07/17/24	
	91.4 %	70-130	07/16/24	07/17/24	
mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2429045
ND	20.0	1	07/16/24	07/17/24	
	107 %	70-130	07/16/24	07/17/24	
mg/kg	mg/kg	Ana	ılyst: KM		Batch: 2429036
ND	25.0	1	07/17/24	07/17/24	
ND	50.0	1	07/17/24	07/17/24	
	81.6 %	50-200	07/17/24	07/17/24	
mg/kg	mg/kg	Ana	ılyst: DT		Batch: 2429038
276	20.0	1	07/17/24	07/17/24	
	ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result Reporting mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 20.0250 MD 20.0 107 % mg/kg mg/kg mg/kg ND 25.0 ND 50.0 81.6 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 0.0250 1 MD 20.0250 1 Mg/kg mg/kg Ana ND 20.0 1 Mg/kg mg/kg Ana ND 25.0 1 ND 50.0 1 81.6 % 50-200 mg/kg Mg/kg Ana	Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 07/16/24 ND 0.0250 1 07/16/24 ND 0.0250 1 07/16/24 ND 0.0250 1 07/16/24 ND 0.0500 1 07/16/24 ND 0.0250 1 07/16/24 mg/kg mg/kg Analyst: BA ND 20.0 1 07/16/24 mg/kg mg/kg Analyst: KM ND 25.0 1 07/17/24 ND 50.0 1 07/17/24 ND 50.0 1 07/17/24 ND 50.0 1 07/17/24 ND 50.0 0 07/17/24 ND 50.0 0 07/17/24 ND 50.0 0 07/17/24 ND 50.0 0 07/17/2	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 07/16/24 07/17/24 ND 0.0500 1 07/16/24 07/17/24 ND 0.0250 1 07/16/24 07/17/24 mg/kg mg/kg Analyst: BA ND 20.0 1 07/16/24 07/17/24 mg/kg mg/kg Analyst: BA ND 20.0 1 07/16/24 07/17/24 mg/kg mg/kg Analyst: KM ND 25.0 1 07/17/24 07/17/24 ND 50.0 1 07/17/24 07/17/24 ND 50.0 1 07/17/24 07/17/24



Chloride

Sample Data

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	7/17/2024 4:52:49PM

CP2 3.5'

		E407125-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	Ana	lyst: 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	Ana	lyst: 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	Ana	lyst: DT		Batch: 2429038

20.0

916

07/17/24

07/17/24



Sample Data

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	7/17/2024 4:52:49PM

CP3-3.5'

		E407125-03				
		Reporting				
Analyte	Result	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	Ana	lyst: DT		Batch: 2429038
Chloride	717	40.0	2	07/17/24	07/17/24	



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	7/17/2024 4:52:49PM

CPW1-3.5'

		E407125-04				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	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	Aı	nalyst: DT		Batch: 2429038
Chloride	495	20.0	1	07/17/24	07/17/24	



Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

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

Plains TX, 79355-0247		Project Number: Project Manager:		m 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		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2429045-BLK1)							Prepared: 0	7/16/24 Ana	alyzed: 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: 0	7/16/24 Ana	alyzed: 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: 0	7/16/24 Ana	alyzed: 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		



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

Plains TX, 79355-0247		Project Manage	r: To	m Bynum				7/1	7/2024 4:52:49PM
	Non	Nonhalogenated Organics by EPA 8015D - GRO							
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
									11000
Blank (2429045-BLK1)							Prepared: 0	7/16/24 Anal	yzed: 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: 0	7/16/24 Anal	yzed: 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: 0	7/16/24 Anal	yzed: 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			

Pima Environmental Services-Carlsbad	urlsbad 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

Plains TX, 79355-0247		Project Manage	r: To	m Bynum				7.	/17/2024 4:52:49PM
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2429036-BLK1)							Prepared: 0	7/16/24 Ana	alyzed: 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: 0	7/16/24 Ana	alyzed: 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: 0	7/16/24 Ana	alyzed: 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 PO Box 247	Project Name: Project Number:		Laguna Salado S	South #1				Reported:				
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				
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes			
Blank (2429038-BLK1)							Prepared: 07	7/16/24 A	nalyzed: 07/16/24			
Chloride	ND	20.0										
LCS (2429038-BS1)							Prepared: 07	7/16/24 A	nalyzed: 07/16/24			
Chloride	254	20.0	250		102	90-110						
LCS Dup (2429038-BSD1)							Prepared: 07	7/16/24 A	nalyzed: 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

ſ	Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	
l	PO Box 247	Project Number:	01058-0007	Reported:
1	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	
Client: Pima Envir	

Chain	of	Custody

Page	1	of	1	

Client: P	ima Envi	ironmen	tal Servi	ces	Bill To				L	ab U	se On	ly			0.30	TA	T	EPA P	rogram
	Laguna			1	Attention: Devon Energy	_		WO			Job I				2D	3D	Standard	CWA	SDWA
Project Manager: Tom Bynum Address: 5614 N. Lovington Hwy. Address: 5614 N. Lovington Hwy. Address: City, State, Zip				LU	LOI	12	5	100000000000000000000000000000000000000	- 4	0007	X					D 05 A			
					City, State, Zip			_		1	Analy	sis ar	nd Metho	d	1	_	_		RCRA
	e, Zip Ho		M. 88240		Phone:	+		62										Chaha	
	306-782- tom@pin		m		Email:	-	8015	3015				0		8			NINAL CO	State UT AZ	TX
Report d		iaon.coi			Pima Project # 1-275-3 (nLLB063	1140464)	10 by 1	O by 8	8021	8260	5010	300.0		Σ×	¥		X	UT AZ	1.
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number	DRO/ORO by	GRO/DRO by	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 3		ВСБОС	BGDOC			Remarks	
11:34	7/15/2024	S	1	CP1-3.5'		1								X					
11:46	7/15/2024	S	1	CP2-3.5'		2								X					
11:54	7/15/2024	S	1	CP3-3.5'		3								X					
12:00	7/15/2024	S	1	CPW1-3.5'		4								X					
														H					
Addition	al Instruc	tions:	Work	Order/Billing:	21136158														
				icity of this sample. Ta	om aware that tampering with or intentionally mislabelli al action. <u>Sampled by:</u>						100000000000000000000000000000000000000						eived on ice the day °C on subsequent da	2 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	ed or receiv
Lerri	ed by: (Signa M A	Ja nu	Date	1624 Time	25 Rederved by: (stenature) orgalis	Date 7.161	14	Time	325	5	Rece	eived	on ice:		ab U	se Onl I	У		
Relinquished by: (Signature) Date Time Received by: (Signature)				7.16.		Time			T1 T2 T3										
Relinquishe	ed by: (Signa	iture)	Date 7		30 Received by: (Signature) Hell	Date 7-17-2	24	Time		00	AVG	Tem	ip °C_	4					
Sample Mati	rix: S - Soil, Se	d - Solid, Sg -		Aqueous, O - Other		Container	_					_		_	iss, v	- VOA			
					nless other arrangements are made. Hazardous									ent ex	pense.	. The re	eport for the an	alysis of the	above



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

Envirotech Analytical Laboratory

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)						
	e sample ID match the COC?		Yes				
2. Does th	e number of samples per sampling site location ma	tch the COC	Yes				
3. Were sa	imples dropped off by client or carrier?		Yes	Carrier: <u>C</u>	<u>ouier</u>		
4. Was the	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes				
5. Were al	I samples received within holding time? Note: Analysis, such as pH which should be conducted i i.e, 15 minute hold time, are not included in this disucssi		Yes	_		Comment	s/Resolution
Sample T	urn Around Time (TAT)						
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C	<u>ooler</u>						
7. Was a s	ample cooler received?		Yes				
8. If yes, v	was cooler received in good condition?		Yes				
9. Was the	e 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	e sample received on ice? If yes, the recorded temp is 4°C Note: Thermal preservation is not required, if samples ar minutes of sampling		Yes				
13. If no v	visible ice, record the temperature. Actual sample	e temperature: 4°0	<u>C</u>				
Sample C	<u>ontainer</u>						
14. Are ac	queous VOC samples present?		No				
15. Are V	OC 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 no	on-VOC samples collected in the correct containers	?	Yes				
19. Is the a	ppropriate volume/weight or number of sample contain	ners collected?	Yes				
Field Lab	e <u>l</u> field sample labels filled out with the minimum info	ormation:					
	imple ID?	ormation.	Yes				
	ate/Time Collected?		Yes	L			
Co	ollectors name?		No				
Sample P	<u>reservation</u>						
	the COC or field labels indicate the samples were p	reserved?	No				
	mple(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved r	netals?	No				
<u>Multipha</u>	se Sample Matrix						
26. Does t	he sample have more than one phase, i.e., multipha	ise?	No				
27. If yes,	does the COC specify which phase(s) is to be anal	yzed?	NA				
Subcontra	act Laboratory						
	mples required to get sent to a subcontract laborate	orv?	No				
	subcontract laboratory specified by the client and i	-	NA	Subcontract Lab	: NA		
Chent in	<u>struction</u>						
<u> </u>							

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: E407126

Job Number: 01058-0007

Received: 7/17/2024

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 7/17/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

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

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

Date Reported: 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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Laboratory Technical Representative

Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com



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Sample Summary

Γ	Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	D (1
ı	PO Box 247	Project Number:	01058-0007	Reported:
l	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.



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	7/17/2024 4:50:37PM

CN1-3.5' E407126-01

		E40/120-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Thinkly to	resur	2	Bilation	Trepared	7 11141 / 1244	110005
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: 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		88.2 %	70-130	07/16/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	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		96.7 %	70-130	07/16/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: 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		102 %	50-200	07/17/24	07/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: DT		Batch: 2429039
Chloride	6980	400	20	07/17/24	07/17/24	

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	7/17/2024 4:50:37PM

CN2-3.5'

		E407126-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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		89.8 %	70-130	07/16/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2429048
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/16/24	07/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.6 %	70-130	07/16/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: 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		82.4 %	50-200	07/17/24	07/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2429039
Chloride	3740	200	10	07/17/24	07/17/24	



Surrogate: n-Nonane

Chloride

Anions by EPA 300.0/9056A

Sample Data

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	7/17/2024 4:50:37PM

CNW1-3.5' E407126-03

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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	Analys	st: 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	Analys	st: 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	

111 %

100

mg/kg

4770

50-200

07/17/24

07/17/24

Analyst: DT

5

07/17/24

07/17/24

Batch: 2429039



Surrogate: 4-Bromochlorobenzene-PID

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

PO Box 247 Plains TX, 79355-0247		Project Number: Project Manager		om Bynum					7/17/2024 4:50:37PM
		Volatile C	Organics b	y EPA 802	21B				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2429048-BLK1)							Prepared: 0	7/16/24 Aı	nalyzed: 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: 0	7/16/24 Aı	nalyzed: 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: 0	7/16/24 Aı	nalyzed: 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	

70-130



Pima Environmental Services-CarlsbadProject Name:Laguna Salado South #1Reported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Tom Bynum7/17/2024 4:50:37PM

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
Blank (2429048-BLK1) Gasoline Range Organics (C6-C10)	ND	20.0				I	Prepared: 0	7/16/24 Ana	lyzed: 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)					F	repared: 0'	7/16/24 Analyz	zed: 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)					F	repared: 0'	7/16/24 Analyz	zed: 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			

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

Plains TX, 79355-0247		Project Manager	r: To	m Bynum					7/17/2024 4:50:37PM		
	Nonha	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO		Analyst: KM			
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes		
Blank (2429036-BLK1)							Prepared: 0	7/16/24 Aı	nalyzed: 07/17/24		
riesel Range Organics (C10-C28)	ND	25.0									
ril Range Organics (C28-C36)	ND	50.0									
urrogate: n-Nonane	57.5		50.0		115	50-200					
.CS (2429036-BS1)							Prepared: 0	7/16/24 Aı	nalyzed: 07/17/24		
riesel Range Organics (C10-C28)	249	25.0	250		99.6	38-132					
urrogate: n-Nonane	60.4		50.0		121	50-200					
.CS Dup (2429036-BSD1)							Prepared: 0	7/16/24 Aı	nalyzed: 07/17/24		
iesel Range Organics (C10-C28)	239	25.0	250		95.4	38-132	4.22	20			
urrogate: n-Nonane	57.6		50.0		115	50-200					



Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager	:	Laguna Salado 01058-0007 Tom Bynum	South #1				Reported: 7/17/2024 4:50:37PM
		Anions	by EPA	300.0/9056	\				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
Blank (2429039-BLK1)							Prepared: 07	7/16/24 A	nalyzed: 07/16/24
Chloride	ND	20.0							
LCS (2429039-BS1)							Prepared: 07	7/16/24 A	nalyzed: 07/16/24
Chloride	252	20.0	250		101	90-110			
LCS Dup (2429039-BSD1)							Prepared: 07	7/16/24 A	nalyzed: 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

ſ	Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	
١	PO Box 247	Project Number:	01058-0007	Reported:
١	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

Client: P	ima Envi	ironmen	tal Servi	ces		Bill To				La	ab Us	se On	ly					TA	Г	EPA P	rogram
			South #	1	Attention	: Devon Energy		Lab	WO#	†		Job			1	D 2	2D	3D	Standard	CWA	SDWA
	lanager:				Address:			EL	107	12	6	010	58-0	F 000	Ī	X					
Address:	5614 N.	Lovingt	on Hwy.		City, State	e, Zip						Analy	sis ar	nd Meth	od						RCRA
City, Stat	e, Zip Ho	obbs, NI	M. 88240)	Phone:																
	306-782-		·		Email:			115	15											State	
Email:	om@pin	naoil.cor	n		Direct De	oject # 1-275-1 (nAB1506	157520\	1 8C	y 80	17	0	0	300.0			5			NM CO	UT AZ	TX
Report d	ue by:				Pima Pi	oject # 1-275-1 (IIAB 1500	13/320)	RO	ROF	y 80	826	601	e 30	1			¥		X		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 3			BGDOC	BGDOC			Remarks	
12:06	7/15/2024	S	1	CN1-3.5'			1)	×					
12:17	7/15/2024	S	1	CN2-3.5'			2									X					
12:25	7/15/2024	S	1	CNW1-3.5'			3								,	×					
							A.														
															+						
Addition	al Instruc	tions:	Work	Order/Billing:	21136158		1)								1		!				
			and authent	icity of this sample. I a	m aware that tam	pering with or intentionally mislabelli	ng the sample	locatio	on,										ived on ice the day		ed or received
	Party R Williams	THE PARTY OF THE PARTY OF	d fraud and n	may be grounds for lega	al action.	Sampled by:	Thate	_	Timo	_											
Kerp	ne f	Herw		1624 T.	25	red by: (Signature)	7-lei	14		325	5	Rece	eived	on ice		Y		e Only	y		17
Redinquished by: (Signature) Date Time 1545 Received by: (Signature)			7-16	24	Time //	64.	5	<u>T1</u>				2			<u>T3</u>						
Relinquishe	ed by: (Signa	ature)	Date 7.		30 Recei	ved by: (Signature)	7-17-2		Time			AVG	Tem	np °C	4						
~	ix: S - Soil, So	d - Solid, Sg -		queous, O - Other	/	1	Container								ber	glass	, v - '	VOA			
					nless other arrar	ngements are made. Hazardous													port for the an	alysis of the	above
						OC. The liability of the laborator														D. Salar S. B. S.	



Printed: 7/17/2024 12:56:06PM

Envirotech Analytical Laboratory

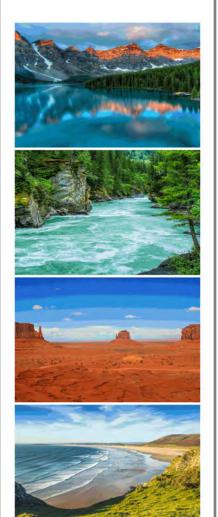
Sample Receipt Checklist (SRC)

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)		<i>cc</i> ,	
Chain of	Custody (COC)						
1. Does th	ne sample ID match the COC?		Yes				
2. Does th	ne number of samples per sampling site location ma	tch the COC	Yes				
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: C	Couier		
4. Was the	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes	_			
5. Were al	Il samples received within holding time?		Yes				
	Note: Analysis, such as pH which should be conducted in					Comments	s/Resolution
С1- Л	i.e, 15 minute hold time, are not included in this disucssi	on.		1		<u>comment.</u>	7/XCSOIUTION
	COC indicate standard TAT or Expedited TAT?		Yes				
	COC indicate standard TAT, or Expedited TAT?		ies				
Sample C			Vac				
	sample cooler received? was cooler received in good condition?		Yes				
•	· ·		Yes				
	e sample(s) received intact, i.e., not broken?		Yes				
	custody/security seals present?		No				
11. If yes,	were custody/security seals intact?		NA				
12. Was the	e sample received on ice? If yes, the recorded temp is 4°C. Note: Thermal preservation is not required, if samples ar minutes of sampling		Yes				
13. If no v	visible ice, record the temperature. Actual sample	temperature: 4°0	<u>C</u>				
Sample C	Container						
	queous VOC samples present?		No				
15. Are V	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
17. Was a	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers	?	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field Lab	pel						
20. Were	— field sample labels filled out with the minimum info	ormation:					
	ample ID?		Yes				
	ate/Time Collected?		Yes	'			
	ollectors name?		No				
-	reservation		NT.				
	the COC or field labels indicate the samples were p	reservea?	No				
	ample(s) correctly preserved? filteration required and/or requested for dissolved n	antolo?	NA				
	1	iletais?	No				
	se Sample Matrix	-					
	the sample have more than one phase, i.e., multipha		No				
27. If yes,	does the COC specify which phase(s) is to be analy	yzed?	NA				
Subcontr	act Laboratory						
28. Are sa	amples required to get sent to a subcontract laborato	ry?	No				
29. Was a	subcontract laboratory specified by the client and i	f so who?	NA	Subcontract Lab	: NA		
Client In	<u>istruction</u>						

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 #001

Work Order: E409125

Job Number: 01058-0007

Received: 9/17/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/19/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

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

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

Date Reported: 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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Laboratory Technical Representative Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #001	Donoutoda
PO Box 247	Project Number:	01058-0007	Reported:
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.



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	9/19/2024 4:40:07PM

BG North - Surface E409125-01

		Reporting					
Analyte	Result	Limit	Dilut	ion Prep	ared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: IY			Batch: 2438028
Benzene	ND	0.0250	1	09/1	7/24	09/17/24	
Ethylbenzene	ND	0.0250	1	09/1	7/24	09/17/24	
Toluene	ND	0.0250	1	09/1	7/24	09/17/24	
o-Xylene	ND	0.0250	1	09/1	7/24	09/17/24	
p,m-Xylene	ND	0.0500	1	09/1	7/24	09/17/24	
Total Xylenes	ND	0.0250	1	09/1	7/24	09/17/24	
Surrogate: Bromofluorobenzene		88.4 %	70-130	09/1	7/24	09/17/24	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130	09/1	7/24	09/17/24	
Surrogate: Toluene-d8		98.2 %	70-130	09/1	7/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: IY			Batch: 2438028
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/1	7/24	09/17/24	
Surrogate: Bromofluorobenzene		88.4 %	70-130	09/1	7/24	09/17/24	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130	09/1	7/24	09/17/24	
Surrogate: Toluene-d8		98.2 %	70-130	09/1	7/24	09/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: NV			Batch: 2438023
Diesel Range Organics (C10-C28)	46.2	25.0	1	09/1	7/24	09/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/1	7/24	09/18/24	
Surrogate: n-Nonane		90.2 %	50-200	09/1	7/24	09/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT			Batch: 2438031
Chloride	16500	400	20	09/1	7/24	09/17/24	



Pima Environmental Services-CarlsbadProject Name:Laguna Salado South #001PO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Tom Bynum9/19/2024 4:40:07PM

BG North - 1' E409125-02

		E407125-02				
Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Allaryte	Result	Liiiit		1	Anaryzeu	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: 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	A	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	A	nalyst: 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	A	analyst: DT		Batch: 2438031
Chloride	14100	400	20	09/17/24	09/17/24	



Pima Environmental Services-CarlsbadProject Name:Laguna Salado South #001PO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Tom Bynum9/19/2024 4:40:07PM

BG North - 2' E409125-03

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	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	1	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	1	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	1	Analyst:	DT		Batch: 2438031
Chloride	13200	400	20)	09/17/24	09/17/24	



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	9/19/2024 4:40:07PM

BG North - 3' E409125-04

		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: 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	А	nalyst: 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	A	nalyst: 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	A	nalyst: DT		Batch: 2438031
Chloride	13100	400	20	09/17/24	09/17/24	

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	9/19/2024 4:40:07PM

BG North - 4' E409125-05

		E407123-03					
Analyte	Result	Reporting Limit	Dilut	tion 1	Prepared	Analyzed	Notes
Analyte	Resuit	Limit	Dilui	11011	rrepared	Ananyzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	Α	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	A	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	A	Analyst: DT			Batch: 2438031
Chloride	12700	400	20) (09/17/24	09/17/24	



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	9/19/2024 4:40:07PM

BG East - Surface E409125-06

		Reporting					
Analyte	Result	Limit	Dilut	ion 1	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	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	Α	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	Α	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	Α	Analyst: DT			Batch: 2438031
Chloride	16300	400	20) (09/17/24	09/17/24	

Pima Environmental Services-CarlsbadProject Name:Laguna Salado South #001PO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Tom Bynum9/19/2024 4:40:07PM

BG East - 1' E409125-07

Analyte	Result	Reporting Limit	Diluti	on Prepared	Analyzed	Notes
Analyte	Resuit	Limit	Diluti	on Prepared	Allalyzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: 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	A	.nalyst: 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	A	.nalyst: 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	A	.nalyst: DT		Batch: 2438031
Chloride	9850	200	10	09/17/24	09/17/24	



Pima Environmental Services-CarlsbadProject Name:Laguna Salado South #001PO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Tom Bynum9/19/2024 4:40:07PM

BG East - 2' E409125-08

	E-10/123-00				
Dagult	Reporting		ion Du	ad Amalyses I	Notes
Result	Limit	Diluti	ion Prepar	ed Analyzed	Notes
mg/kg	mg/kg	A	analyst: IY		Batch: 2438028
ND	0.0250	1	09/17/2	24 09/18/24	
ND	0.0250	1	09/17/2	24 09/18/24	
ND	0.0250	1	09/17/2	24 09/18/24	
ND	0.0250	1	09/17/2	24 09/18/24	
ND	0.0500	1	09/17/2	24 09/18/24	
ND	0.0250	1	09/17/2	24 09/18/24	
	87.0 %	70-130	09/17/2	24 09/18/24	
	97.4 %	70-130	09/17/2	24 09/18/24	
	100 %	70-130	09/17/2	24 09/18/24	
mg/kg	mg/kg	A	analyst: IY		Batch: 2438028
ND	20.0	1	09/17/2	24 09/18/24	
	87.0 %	70-130	09/17/2	24 09/18/24	
	97.4 %	70-130	09/17/2	24 09/18/24	
	100 %	70-130	09/17/2	24 09/18/24	
mg/kg	mg/kg	A	analyst: NV		Batch: 2438023
ND	25.0	1	09/17/2	24 09/18/24	
ND	50.0	1	09/17/2	24 09/18/24	
	89.5 %	50-200	09/17/2	24 09/18/24	
mg/kg	mg/kg	A	analyst: DT		Batch: 2438031
	ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 87.0 % 97.4 % 100 % 100 % mg/kg mg/kg ND 20.0 87.0 % 97.4 % 100 % 100 % mg/kg mg/kg ND 25.0 ND 50.0 89.5 %	Reporting Result Limit Dilut mg/kg mg/kg A ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 87.0 % 70-130 97.4 % 70-130 mg/kg mg/kg A ND 20.0 1 87.0 % 70-130 70-130 97.4 % 70-130 70-130 mg/kg mg/kg A ND 25.0 1 ND 50.0 1 89.5 % 50-200	Result Limit Dilution Preparation	Reporting Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 09/17/24 09/18/24 ND 0.0500 1 09/17/24 09/18/24 ND 0.0250 1 09/17/24 09/18/24 ND 0.0250 1 09/17/24 09/18/24 97.4 % 70-130 09/17/24 09/18/24 97.4 % 70-130 09/17/24 09/18/24 mg/kg mg/kg Analyst: IY 09/18/24 ND 20.0 1 09/17/24 09/18/24 97.4 % 70-130 09/17/24 09/18/24 97.4 % 70-130 09/17/24 09/18/24 mg/kg mg/kg Analyst: NV



Pima Environmental Services-CarlsbadProject Name:Laguna Salado South #001PO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Tom Bynum9/19/2024 4:40:07PM

BG East - 3' E409125-09

		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: 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	A	nalyst: 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	A	.nalyst: 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	A	.nalyst: DT		Batch: 2438031
Chloride	12900	400	20	09/17/24	09/17/24	



Pima Environmental Services-CarlsbadProject Name:Laguna Salado South #001PO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Tom Bynum9/19/2024 4:40:07PM

BG East - 4' E409125-10

Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
Amaryce				1	Allatyzed	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Aı	nalyst: 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	Aı	nalyst: 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	Aı	nalyst: 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	Aı	nalyst: DT		Batch: 2438031
Chloride	12500	400	20	09/17/24	09/17/24	



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	9/19/2024 4:40:07PM

1-Surface E409125-11

		Reporting				
Analyte	Result	Limit	Diluti	on 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	A	nalyst: 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	A	nalyst: DT		Batch: 2438031
Chloride	13600	400	20	09/17/24	09/17/24	



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	9/19/2024 4:40:07PM

1-1'

		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2438028
Benzene	ND	0.0250	1	l	09/17/24	09/18/24	
Ethylbenzene	ND	0.0250	1	l	09/17/24	09/18/24	
Toluene	ND	0.0250	1	l	09/17/24	09/18/24	
o-Xylene	ND	0.0250	1	l	09/17/24	09/18/24	
p,m-Xylene	ND	0.0500	1	l	09/17/24	09/18/24	
Total Xylenes	ND	0.0250	1	l	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	Į.	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	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
				5	09/17/24	09/17/24	



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	9/19/2024 4:40:07PM

1-2'

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2438028
Benzene	ND	0.0250	1	1	09/17/24	09/18/24	
Ethylbenzene	ND	0.0250	1	1	09/17/24	09/18/24	
Toluene	ND	0.0250	1	1	09/17/24	09/18/24	
o-Xylene	ND	0.0250	1	1	09/17/24	09/18/24	
p,m-Xylene	ND	0.0500	1	1	09/17/24	09/18/24	
Total Xylenes	ND	0.0250	1	l	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	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	1	09/17/24	09/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	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	2	0	09/17/24	09/17/24	

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	9/19/2024 4:40:07PM

1-3'

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	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	į	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	2	20	09/17/24	09/17/24	

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	9/19/2024 4:40:07PM

1-4'

E409125-15								
Reporting								
Analyte	Result	Limit	Dilı	ution	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 Bate							Batch: 2438031	

400

20

09/17/24

09/17/24

12100



Chloride

Pima Environmental Services-CarlsbadProject Name:Laguna Salado South #001PO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Tom Bynum9/19/2024 4:40:07PM

2-Surface E409125-16

Result	Reporting Limit		on Prepared	Analyzed	Notes
mg/kg	mg/kg	A	nalyst: IY		Batch: 2438028
ND	0.0250	1	09/17/24	09/18/24	
ND	0.0250	1	09/17/24	09/18/24	
ND	0.0250	1	09/17/24	09/18/24	
0.0825	0.0250	1	09/17/24	09/18/24	
0.133	0.0500	1	09/17/24	09/18/24	
0.216	0.0250	1	09/17/24	09/18/24	
	91.4 %	70-130	09/17/24	09/18/24	
	97.3 %	70-130	09/17/24	09/18/24	
	98.3 %	70-130	09/17/24	09/18/24	
mg/kg	mg/kg	A	nalyst: IY		Batch: 2438028
ND	20.0	1	09/17/24	09/18/24	
	91.4 %	70-130	09/17/24	09/18/24	
	97.3 %	70-130	09/17/24	09/18/24	
	98.3 %	70-130	09/17/24	09/18/24	
mg/kg	mg/kg	A	nalyst: NV		Batch: 2438023
109	25.0	1	09/17/24	09/18/24	
163	50.0	1	09/17/24	09/18/24	
	81.3 %	50-200	09/17/24	09/18/24	
mg/kg	mg/kg	A	nalyst: DT		Batch: 2438031
15400	1000	50	09/17/24	09/17/24	
	mg/kg ND ND ND 0.0825 0.133 0.216 mg/kg ND mg/kg 109 163	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 0.0825 0.0250 0.133 0.0500 0.216 0.0250 91.4 % 97.3 % 98.3 % mg/kg ND 20.0 91.4 % 97.3 % 98.3 % mg/kg mg/kg mg/kg 109 25.0 163 50.0 81.3 % mg/kg	mg/kg mg/kg A ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 0.0825 0.0250 1 0.133 0.0500 1 0.216 0.0250 1 97.3 % 70-130 98.3 % 70-130 98.3 % 70-130 97.3 % 70-130 97.3 % 70-130 98.3 % 70-130 98.3 % 70-130 98.3 % 70-130 98.3 % 70-130 109 25.0 1 163 50.0 1 81.3 % 50-200	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IV ND 0.0250 1 09/17/24 ND 0.0250 1 09/17/24 ND 0.0250 1 09/17/24 0.0825 0.0250 1 09/17/24 0.133 0.0500 1 09/17/24 0.216 0.0250 1 09/17/24 97.3 % 70-130 09/17/24 98.3 % 70-130 09/17/24 98.3 % 70-130 09/17/24 97.3 % 70-130 09/17/24 98.3 % 70-130 09/17/24 98.3 % 70-130 09/17/24 98.3 % 70-130 09/17/24 98.3 % 70-130 09/17/24 98.3 % 70-130 09/17/24 mg/kg mg/kg Analyst: NV 109 25.0 1 09/17/24 81.3 % 50-200 09/17/24 mg/kg <t< td=""><td>Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY 09/17/24 09/18/24 ND 0.0250 1 09/17/24 09/18/24 ND 0.0250 1 09/17/24 09/18/24 ND 0.0250 1 09/17/24 09/18/24 0.0825 0.0250 1 09/17/24 09/18/24 0.133 0.0500 1 09/17/24 09/18/24 0.216 0.0250 1 09/17/24 09/18/24 97.3 % 70-130 09/17/24 09/18/24 98.3 % 70-130 09/17/24 09/18/24 mg/kg mg/kg Analyst: IY 09/18/24 97.3 % 70-130 09/17/24 09/18/24 97.3 % 70-130 09/17/24 09/18/24 98.3 % 70-130 09/17/24 09/18/24 mg/kg mg/kg Analyst: NV 109 25.0 1 09/17/24 09/18/24 </td></t<>	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY 09/17/24 09/18/24 ND 0.0250 1 09/17/24 09/18/24 ND 0.0250 1 09/17/24 09/18/24 ND 0.0250 1 09/17/24 09/18/24 0.0825 0.0250 1 09/17/24 09/18/24 0.133 0.0500 1 09/17/24 09/18/24 0.216 0.0250 1 09/17/24 09/18/24 97.3 % 70-130 09/17/24 09/18/24 98.3 % 70-130 09/17/24 09/18/24 mg/kg mg/kg Analyst: IY 09/18/24 97.3 % 70-130 09/17/24 09/18/24 97.3 % 70-130 09/17/24 09/18/24 98.3 % 70-130 09/17/24 09/18/24 mg/kg mg/kg Analyst: NV 109 25.0 1 09/17/24 09/18/24



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	9/19/2024 4:40:07PM

2-1'

		E409125-17					
Reporting							
Analyte	Result	Limit	Dilı	ution	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

400

8640

20

09/17/24

09/17/24



Chloride

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	9/19/2024 4:40:07PM

2-2'

		Reporting					
Analyte	Result	Limit	Dilut	ion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY	7		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	A	Analyst: IY	7		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	A	Analyst: N	V		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	A	Analyst: D	Т		Batch: 2438031
	11600	400	20		09/17/24	09/17/24	



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	9/19/2024 4:40:07PM

2-3'

		Reporting					
Analyte	Result	Limit	Dilut	ion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	A	Analyst: I	Y		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	A	Analyst: N	IV		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	A	Analyst: D	Т		Batch: 2438031
· · · · · · · · · · · · · · · · · · ·	8740	200	10		09/17/24	09/17/24	



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	9/19/2024 4:40:07PM

2-4' E409125-20

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	A	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	A	Analyst: DT		Batch: 2438031
Chloride	11100	400	20	09/17/24	09/17/24	

Ethylbenzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: Bromofluorobenzene

Surrogate: Toluene-d8

Surrogate: 1,2-Dichloroethane-d4

QC Summary Data

Laguna Salado South #001 Pima Environmental Services-Carlsbad Project Name: 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 Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2438028-BLK1) Prepared: 09/17/24 Analyzed: 09/18/24 ND 0.0250 ND 0.0250 Ethylbenzene Toluene ND 0.0250 ND 0.0250 o-Xylene ND p,m-Xylene 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 0.500 99.0 70-130 Surrogate: Toluene-d8 0.495 LCS (2438028-BS1) Prepared: 09/17/24 Analyzed: 09/18/24 2.07 0.0250 2.50 82.9 70-130 Benzene 2.07 2.50 82.7 70-130 Ethylbenzene 0.0250 2.21 0.0250 2.50 88.4 70-130 2.23 2.50 89.1 70-130 o-Xylene 0.0250 4.46 5.00 89.2 70-130 p,m-Xylene 0.0500 6.69 0.0250 7.50 89.2 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.434 0.500 86.8 70-130 0.500 96.6 70-130 Surrogate: 1,2-Dichloroethane-d4 0.483 Surrogate: Toluene-d8 0.500 70-130 0.489 Matrix Spike (2438028-MS1) Source: E409125-11 Prepared: 09/17/24 Analyzed: 09/18/24 2.11 48-131 0.0250 2.50 ND 84.3 ND 45-135

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			

2.50

2.50

2.50

5.00

7.50

0.500

0.500

0.500

85.2

90.8

92.9

92.2

92.4

88.1

99.0

96.9

48-130

43-135

43-135

43-135

70-130

70-130

70-130

ND

ND

ND

ND

2.13

2.27

2.32

4.61

6.93

0.441

0.495

0.485

0.0250

0.0250

0.0250

0.0500

0.0250

Pima Environmental Services-CarlsbadProject Name:Laguna Salado South #001Reported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Tom Bynum9/19/2024 4:40:07PM

	Non	halogenated	Organics	by EPA 80	15D - G	Analyst: IY			
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2438028-BLK1)						I	Prepared: 0	9/17/24 Anal	yzed: 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: 09/1//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

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				

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

Plains TX, 79355-0247		Project Manage	r: To	m Bynum				9/	19/2024 4:40:07PM	
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO		Analyst: NV		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2438023-BLK1)							Prepared: 0	9/17/24 Ana	lyzed: 09/18/24	
Diesel Range Organics (C10-C28)	ND	25.0								
Dil Range Organics (C28-C36)	ND	50.0								
Surrogate: n-Nonane	46.5		50.0		93.0	50-200				
LCS (2438023-BS1)							Prepared: 0	9/17/24 Ana	lyzed: 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:	E409125-0	03	Prepared: 0	9/17/24 Ana	lyzed: 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: 0	9/17/24 Ana	lyzed: 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				

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:		Laguna Salado S 01058-0007 Tom Bynum	South #001				Reported: 9/19/2024 4:40:07PM
		Anions	by EPA	300.0/9056A	<u> </u>				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
Blank (2438031-BLK1)							Prepared: 0	9/17/24 <i>A</i>	nalyzed: 09/17/24
Chloride	ND	20.0							
LCS (2438031-BS1)							Prepared: 0	9/17/24 <i>A</i>	analyzed: 09/17/24
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2438031-MS1)				Source:	E409125-0)7	Prepared: 0	9/17/24 A	analyzed: 09/17/24
Chloride	9250	200	250	9850	NR	80-120			M4
Matrix Spike Dup (2438031-MSD1)				Source:	E409125-0)7	Prepared: 0	9/17/24 A	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.



DWA
X

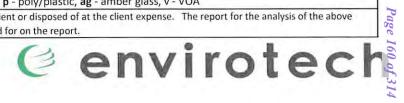
Client: P	ima Env	ironmen	tal Servi	ces	Bill To				La	ab U	se On	ly				TA	T	EPA P	rogram
		Salado			Attention: Devon Energy		Lab	WO	#		Job I	Num	ber	1D	2D	3D	Standard	CWA	SDWA
		Tom By			Address:				112	5	old	350	3-000				Χ		
Address:	5614 N	Lovingt	on Hwy.		City, State, Zip		60.				Analy	sis a	nd Metho	d					RCRA
City, Stat	e, Zip H	obbs, NN	M. 88240)	Phone:														
Phone: 8	306-782	-1151			Email:		115	115									17.12	State	
mail:	tom@pir	naoil.cor	n		Pima Project # 1-275-1 (nAB1506	157520)	3y 8()y 8(21	0	0	0.00	1111	ΣN			NM CC	UT AZ	TX
Report d	ue by:				Pima Project # 1-273-1 (IIAB1300	13/320)	RO.	RO RO	y 80	826	601	le 3C			×		Х	4 2	
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	BGDOC			Remarks	
r:30	9/13	S	1	BG North-Su	rface	1								Х					
8:39				BG North-1'		2													
8:42				BG North-2'		3													
8:56				BG North-3'		Ч													
				BG North-4'		5													
Page 31 of 33				BG East-Sur	face	6													1
of 20				BG East-1'		7													
7.36				BG East-2'		8													
9:47				BG East-3'	4	9													
9:56				BG East-4'		10													
Addition	al Instru	ctions:	Work	Order/Billing:	21136158														
A Committee of the Comm				icity of this sample. I a may be grounds for lega	m aware that tampering with or intentionally mislabell al action. Sampled by:	ing the sample	locati	on,									ived on ice the day °C on subsequent d		ed or received
Van	ed by: (Sign	toance	Date	1624 13	45 Received by Signature	016	24	Time	34	15	Rece	eivec	on ice:		ab U	se Onl	У		
Relinquish	ed by (Sign	ature)	Date	14:24 Time	Received by: (Signature)	9.14.2	4	Time	13		T1			<u>T2</u>			<u></u>		
Relinguish	ed by: (Sign	ature)	Date Q.	16.24 Time	Received by: (Signature)	9-17-	24	Time		Ò	AVG	Ten	np °C	1					
	rix: S - Soil, S	d - Solid, Sg -	Sludge, A - A	queous, O - Other		Containe	г Тур	e: g -	glass,	, p - p	ooly/pl	astic	ag - amb	er gla					
Note: Sam	ples are dis	carded 30 d	lays after re	sults are reported u	nless other arrangements are made. Hazardous	samples will	be re	turne	d to cl	lient o	r dispo	sed o	f at the clie				port for the an	alysis of the	above
samples is	applicable	only to thos	se samples r	received by the labor	ratory with this COC. The liability of the laborator	y is limited to	o the	amou	nt paid	d for d	on the	repor							

nt or disposed of at the client expense. The report for the analysis of the above or on the report.

Page 159 envirotech314

_ of _ <u>4</u>	
gram],
SDWA	1
RCRA	
TX	

Client: Pima Er	vironmer	ntal Servi	ces	Bill To				L	ab U	se Onl	ly					TA	Т		EPA P	rogram
Project: Lagur				Attention: Devon Energy		Lab	WO#	‡		Job N	lum	ber		1D	2D	3D	Stand	lard	CWA	SDWA
Project Manager				Address:		E	109	12	5	0105	8-	000	7		μL".		X			
Address: 5614				City, State, Zip						Analys	sis ar	nd Me	thod							RCRA
City, State, Zip		M, 88240)	Phone:																
hone: 806-78				Email:		015	015										212	1 00	State	T. ()
mail: tom@p	imaoil.co	m		Pima Project # 1-275-1 (nAB1506	(157520)	by 8	by 8	021	09	10	00.0			NZ	×		NN	1 CO	UT AZ	TX
Report due by:	_			r iina r rojest ii	_	ORO	DRO	by 8	3y 82	ls 60	ide 3						X	4		
Time Date Sampled 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			верос	верос				Remarks	
0:17 9/13	S	1	1-Surface		11									X						
10:23			1-1'		12															
10:31			1-2'		13															
10:47			1-3'		14															
Pa:53			1-4'		15															
Page 32 of 33			2-Surface		16															
of 3:21			2-1'		17															
33			2-2'		18															
11:44			2-3'		19															
11:51			2-4'		20															
Additional Instr	uctions:	Work	k Order/Billing:	21136158																
I, (field sampler), attes date or time of collecti				am aware that tampering with or intentionally mislabell gal action. Sampled by:	ing the sample	locati	ion,					4					eived on ice °C on subse		ney are samplers.	ed or received
Relinguished by: (Si	gnature)	Darte	900 Jime-	Received by (Signature)	Date 16	24	Time	34	10	Rece	ived	l on ic	e:	-	b Us	se Onl	У			
Relinquished by: (Si		Dente	1624 6	Received by: (Signature)	9.16.1	24	_	73	2	T1			_	T2			<u>T3</u>			
Relinquished by: (Si	gnature)	Q.	16.24 20	Received by: (Signature)	9-17-	24	Time	500	5	AVG	Tem	np °C_	L	1						
Sample Matrix: S - Soil			Aqueous, O - Other		Containe	r Type	e: g - i	glass,	p - p											
				unless other arrangements are made. Hazardous pratory with this COC. The liability of the laborator									clier	nt exp	ense.	The re	eport for	the ana	lysis of the	above
-																		-		-



envirotech Inc.

Printed: 9/17/2024 9:08:22AM

Envirotech Analytical Laboratory

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 0	5:00	Work Order ID: E409125
Phone:	(575) 631-6977	Date Logged In:	09/16/24 1	6:51	Logged In By: Noe Soto
Email:	tom@pimaoil.com	Due Date:		7:00 (4 day TAT)	,
1. Does th 2. Does th 3. Were sa 4. Was the	Custody (COC) The sample ID match the COC? The number of samples per sampling site location man amples dropped off by client or carrier? The COC complete, i.e., signatures, dates/times, requently samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e., 15 minute hold time, are not included in this disucssi	sted analyses?	Yes Yes Yes Yes Yes	Carrier: <u>C</u>	Comments/Resolution
Sample T	urn Around Time (TAT)			ſ	
	COC indicate standard TAT, or Expedited TAT?		Yes		Sampled by name is missing on COC by
Sample C	<u>cooler</u>				client. Project Laguna Salado South #001
7. Was a s	ample cooler received?		Yes		has been separaded into multiple WO due
8. If yes, v	was cooler received in good condition?		Yes		to high sample volume, the WO are
9. Was the	e sample(s) received intact, i.e., not broken?		Yes		E409125-E409126. Signature dates
10. Were	custody/security seals present?		No		
11. If yes,	were custody/security seals intact?		NA		corrected on COCs.
	e sample received on ice? If yes, the recorded temp is 4°C. Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample		Yes <u>C</u>		
Sample C	Container_				
14. Are ac	queous VOC samples present?		No		
15. Are V	OC 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 no	on-VOC samples collected in the correct containers	?	Yes		
19. Is the a	appropriate volume/weight or number of sample contain	ners collected?	Yes		
Sa D	nel field sample labels filled out with the minimum information ample ID? ate/Time Collected? follectors name?	ormation:	Yes Yes No		
	reservation		NO		
21. Does t	the COC or field labels indicate the samples were p	reserved?	No		
22. Are sa	imple(s) correctly preserved?		NA		
24. Is lab	filteration required and/or requested for dissolved n	netals?	No		
Multipha	se Sample Matrix				
26. Does t	the sample have more than one phase, i.e., multipha	se?	No		
27. If yes,	does the COC specify which phase(s) is to be analy	yzed?	NA		
28. Are sa	act Laboratory Imples required to get sent to a subcontract laborato subcontract laboratory specified by the client and i	-	No NA	Subcontract Lab	o: NA
Client In	struction				

Date

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

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: E410097

Job Number: 01058-0007

Received: 10/11/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 10/11/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

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

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

Date Reported: 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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe

Laboratory Technical Representative Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Donoutode
PO Box 247	Project Number:	01058-0007	Reported:
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.



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	10/11/2024 2:32:22PM

C1- Surface E410097-01

		E410097-01				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	Ana	alyst: 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	Ana	alyst: 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	Ana	alyst: DT		Batch: 2441082
Chloride	577	100	5	10/11/24	10/11/24	

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	10/11/2024 2:32:22PM

C1 - 1'

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	st: CG		Batch: 2441084
ND	0.0250	1	10/11/24	10/11/24	
ND	0.0250	1	10/11/24	10/11/24	
ND	0.0250	1	10/11/24	10/11/24	
ND	0.0250	1	10/11/24	10/11/24	
ND	0.0500	1	10/11/24	10/11/24	
ND	0.0250	1	10/11/24	10/11/24	
	101 %	70-130	10/11/24	10/11/24	
mg/kg	mg/kg	Analyst: CG			Batch: 2441084
ND	20.0	1	10/11/24	10/11/24	
	93.7 %	70-130	10/11/24	10/11/24	
mg/kg	mg/kg	Analy	st: AF		Batch: 2441087
43.8	25.0	1	10/11/24	10/11/24	
ND	50.0	1	10/11/24	10/11/24	
	85.6 %	50-200	10/11/24	10/11/24	
mg/kg	mg/kg	Analy	st: DT		Batch: 2441082
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 IOI % mg/kg MD 20.0 93.7 % mg/kg mg/kg mg/kg 43.8 25.0 ND 50.0	Result Limit Dilution mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 mg/kg mg/kg Analy ND 20.0 1 g/kg mg/kg Analy mg/kg mg/kg Analy 43.8 25.0 1 ND 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: CG ND 0.0250 1 10/11/24 ND 0.0250 1 10/11/24 ND 0.0250 1 10/11/24 ND 0.0250 1 10/11/24 ND 0.0500 1 10/11/24 ND 0.0250 1 10/11/24 mg/kg mg/kg Analyst: CG ND 20.0 1 10/11/24 mg/kg mg/kg Analyst: AF 43.8 25.0 1 10/11/24 ND 50.0 1 10/11/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: CG ND 0.0250 1 10/11/24 10/11/24 ND 0.0500 1 10/11/24 10/11/24 ND 0.0250 1 10/11/24 10/11/24 mg/kg mg/kg Analyst: CG ND 10/11/24 10/11/24 mg/kg mg/kg Analyst: CG ND 10/11/24 10/11/24 mg/kg mg/kg Analyst: AF 10/11/24 10/11/24 43.8 25.0 1 10/11/24 10/11/24 ND 50.0 1 10/11/24 10/11/24



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	10/11/2024 2:32:22PM

C1 - 2'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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		89.5 %	70-130	10/11/24	10/11/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	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		97.3 %	70-130	10/11/24	10/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: 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		104 %	50-200	10/11/24	10/11/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2441082
Chloride	658	40.0	2	10/11/24	10/11/24	



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	10/11/2024 2:32:22PM

C1 - 3'

		2110077 01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	*		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		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.9 %	70-130	10/11/24	10/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	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		101 %	50-200	10/11/24	10/11/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2441082
Chloride	20.7	20.0	1	10/11/24	10/11/24	



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	10/11/2024 2:32:22PM

C1 - 4'

		2.1007.00				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	*	1 2002/200	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		89.8 %	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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		101 %	50-200	10/11/24	10/11/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2441082
Chloride	ND	20.0	1	10/11/24	10/11/24	



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	10/11/2024 2:32:22PM

C2 - Surface E410097-06

		E-110077-00				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		87.8 %	50-200	10/11/24	10/11/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2441082
Chloride	686	100	5	10/11/24	10/11/24	



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	10/11/2024 2:32:22PM

C2 - 1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	Analys	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	
Surrogate: n-Nonane		102 %	50-200	10/11/24	10/11/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2441082
Chloride	398	200	10	10/11/24	10/11/24	



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	10/11/2024 2:32:22PM

C2 - 2'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: 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	Aı	nalyst: 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	Aı	nalyst: DT		Batch: 2441082
	518	20.0		10/11/24	10/11/24	



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	10/11/2024 2:32:22PM

C2 - 3'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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	Analys	st: CG	:: CG	
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	Analys	st: 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	Analys	st: DT		Batch: 2441082
Chloride	ND	20.0	1	10/11/24	10/11/24	



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	10/11/2024 2:32:22PM

C2 - 4'

		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: 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		89.0 %	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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		100 %	70-130	10/11/24	10/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: 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		96.5 %	50-200	10/11/24	10/11/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: DT		Batch: 2441082
Chloride	ND	20.0	1	10/11/24	10/11/24	



Surrogate: 4-Bromochlorobenzene-PID

8.04

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

PO Box 247 Plains TX, 79355-0247		Project Number: Project Manager:		058-0007 om Bynum				10	0/11/2024 2:32:22PM
		Volatile Or	ganics b	oy EPA 802	1B				Analyst: CG
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2441084-BLK1)							Prepared: 10	0/11/24 Ana	alyzed: 10/11/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-Xylene	ND	0.0250							
,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	0/11/24 An	alyzed: 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			
-Xylene	5.17	0.0250	5.00		103	70-130			
,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	0/11/24 Ana	alyzed: 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	
Coluene	5.03	0.0250	5.00		101	70-130	4.57	20	
-Xylene	4.95	0.0250	5.00		99.0	70-130	4.31	20	
o,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	

70-130



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

Plains TX, 79355-0247		Project Manager		m Bynum				10/1	11/2024 2:32:22PN		
	Non	halogenated (Organics l	by EPA 801	15D - Gl	RO			Analyst: CG		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2441084-BLK1)							Prepared: 1	0/11/24 Anal	yzed: 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: 1	0/11/24 Anal	yzed: 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: 1	0/11/24 Anal	yzed: 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					

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

Plains TX, 79355-0247		Project Manage	r: To	m Bynum				10	0/11/2024 2:32:22PM	
	Nonha	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO		10/11/2024 2:32:22PM Analyst: AF RPD Limit % Notes 1/11/24 Analyzed: 10/11/24		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2441087-BLK1)							Prepared: 1	0/11/24 Ana	alyzed: 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: 1	0/11/24 Ana	alyzed: 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: 1	0/11/24 Ana	alyzed: 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				

Chloride

QC Summary Data

Pima Environmental Services-Carlsback PO Box 247		Project Name: Project Number		aguna Salado 1058-0007	South #1				Reported:	
Plains TX, 79355-0247		Project Manager		om Bynum					10/11/2024 2:32:22PM	
Anions by EPA 300.0/9056A									Analyst: DT	
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2441082-BLK1)							Prepared: 1	0/11/24 Aı	nalyzed: 10/11/24	
Chloride	ND	20.0								
LCS (2441082-BS1)							Prepared: 1	0/11/24 Aı	nalyzed: 10/11/24	
Chloride	254	20.0	250		102	90-110				
Matrix Spike (2441082-MS1)				Source: E410097-04		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: 1	0/11/24 A	nalyzed: 10/11/24		

250

20.0

80-120

1.01

103

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

ſ	Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	
l	PO Box 247	Project Number:	01058-0007	Reported:
l	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: P	ima Envi	ronmen	tal Servi	ces		Bill To				Lal	h Us	e Onl	v	-		_	TA	т —	EPA P	rogram
Project:						ntion: Devon Energy		Lab	WO#			Job N	lum		1D	2D	3D	Standard	CWA	SDWA
Project N					Add	ress:		E	10 14	29:	7	1000-85010			X	logi				
Address:	5614 N.	Lovingt	on Hwy.		City	, State, Zip						Analys	sis ar	nd Metho	d					RCRA
City, State			M. 88240)	Pho	ne:														
Phone: 8					Em	ail:		8015	8015										State	
Email: t		naoil.cor	n		Di-	Di+ # 1 275 2 (pl I B0621	140464)	by 80	ıy 80	21	0		300.0	5 1 1	5			NM CC	UT AZ	TX
Report du	ie by:				Pir	na Project # 1-275-3 (nLLB0631	140404)	ROb	ROb	/80	826	601	e 30		N	¥		X		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number	DRO/ORO	GRO/DRO by	BTEX by 8021	VOC by 8260	Metals 6010	Chloride		BGDOC	верос			Remarks	
6:30	1019	S	1	C1-Surfa	ace		1								Х					= 1'
6:35				C1-1'			2													
6:41				C1-2'			3													
6:49				C1-3'			4													
6:57				C1-4'		0-	5													
7:11				C2-Surfa	ace		6													
7:13				C2-1'			7													
7:20				C2-2'			8													
7:21				C2-3'			9													
7:36	1			C2-4'			10								П					
Addition	al Instruc	tions:	Work	Order/Bill	ing: 21136	58														
		and a second		icity of this samp		nat tampering with or intentionally mislabellin Sampled by:	g the sample	locatio	on,									eived on ice the day °C on subsequent o		ed or received
Relinquishe	d by: (Signa		Date	1024	1230	Received by: (Signature)	Date 10-10-2	4	Time	30		Recei	ived	on ice:		ab U	se Onl	ly		
Relinguishe			n Date		ime 1500	Received by: (Signature)	Date		Time			T1			T2			Т3		
Relinquishe	d by: (Signa	ture)	Date	Ţ	1me 2315	Received by: (Signature)	Date (0.//:		Time			AVG	Tem	ip °C	+					
					Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA															
				A. C.		r arrangements are made. Hazardous s			_			_			_	_		eport for the ar	alysis of the	above
						h this COC. The liability of the laboratory														return to



Page 20 of 21

envirotech Inc.

Printed: 10/11/2024 9:11:48AM

Envirotech Analytical Laboratory

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.

	P' F :			-			
Client:	Pima Environmental Services-Carlsbad	Date Received:	10/11/24 0			Work Order ID:	E410097
Phone:	(575) 631-6977	Date Logged In:	10/10/24 1:			Logged In By:	Noe Soto
Email:	tom@pimaoil.com	Due Date:	10/11/24 1	7:00 (0 day TAT)			
Chain o	f Custody (COC)						
	the sample ID match the COC?		Yes				
	the number of samples per sampling site location mat	ch the COC	Yes				
3. Were	samples dropped off by client or carrier?		Yes	Carrier: C	Courier		
	ne COC complete, i.e., signatures, dates/times, reques	ted analyses?	No		<u> </u>		
5. Were	all samples received within holding time?		Yes				
	Note: Analysis, such as pH which should be conducted in	•				Comment	s/Resolution
Sample	i.e, 15 minute hold time, are not included in this disucssic Turn Around Time (TAT)	on.					<i>57</i> 120 50 140 150 150 150 150 150 150 150 150 150 15
	e COC indicate standard TAT, or Expedited TAT?		Yes		Sampled	by name is mi	ssing on COC by
	•		103		client.		
Sample 7 Was a	sample cooler received?		Yes		Cilciit.		
	was cooler received in good condition?		Yes				
•	ne sample(s) received intact, i.e., not broken?						
			Yes				
	custody/security seals present?		No				
•	s, were custody/security seals intact?		NA				
12. Was t	he sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are		Yes				
	minutes of sampling	ciccivca w/i 13					
13. If no	visible ice, record the temperature. Actual sample	temperature: 4°0	<u>C</u>				
Sample	Container						
	aqueous VOC samples present?		No				
15. Are	VOC samples collected in VOA Vials?		NA				
16. Is the	e 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 1	non-VOC samples collected in the correct containers?	•	Yes				
19. Is the	appropriate volume/weight or number of sample contain	ers collected?	Yes				
Field La	<u>bel</u>						
20. Were	field sample labels filled out with the minimum info	rmation:					
	Sample ID?		Yes				
	Date/Time Collected? Collectors name?		Yes	'			
	Preservation		No				
	the COC or field labels indicate the samples were pr	eserved?	No				
	sample(s) correctly preserved?	cserveu.	NA				
	o filteration required and/or requested for dissolved m	etals?	No				
	•		110				
	ase Sample Matrix the sample have more than one phase, i.e., multipha	ra?	Nie				
	s, does the COC specify which phase(s) is to be analy		No NA				
		zeu:	NA				
	ract Laboratory						
	samples required to get sent to a subcontract laborator	•	No				
29. Was	a subcontract laboratory specified by the client and if	so who?	NA	Subcontract Lab	o: NA		
Client I	nstruction						

Date

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



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

Pima Environmental Services

REGINAL by: QGD HM/25/2024 11:16:57 AM

Hobbs, NM 88240

Hobbs, NM 8824 575-964-7740

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 NMOCD Incident IDs nLLB0631140464 & nAB1506157520

Eddy County, NM

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

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

<u>nLLB0631140464</u>: 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.

<u>nAB1506157520</u>: 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

<u>nLLB0631140464</u>: 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



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

<u>nAB1506157520</u>: 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

NMO	CD Table	1 Closure	e Criteria 19	9.15.29 N	MAC (Dep	th to Grou	ındwater is <	(50')				
	DEVON	ENERGY	- LAGUNA S	ALADO S	OUTH #00:	1 - nLLB06	31140464					
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				

NM	OCD Table	1 Closur	e Criteria 19	9.15.29 NM	IAC (Depti	to Groun	dwater is <	0')				
	DEVON	NENERGY	- LAGUNA	SALADO S	OUTH #001	- nAB1506	6157520					
Date: 3/28	3/23	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

<u>nLLB0631140464</u>: 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.

<u>nAB1506157520</u>: 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.

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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

NMC	-		Criteria 19. Y - Laguna	00.501175572	CONTRACTOR OF THE PERSON OF TH	100000000000000000000000000000000000000	ndwater is <5	0')
Date: 7/15/2		IN ENERG	Name of Street, or other Persons		oved Labor	O SECTION AND ADDRESS.		
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

NMC	CD Table	1 Closure	Criteria 19.	15.29 NM	AC (Depth	to Groun	dwater is <5	0')
	DEVO	ON ENERG	Y - Laguna	Salado So	outh #1 - r	AB150615	57520	
Date: 7/15/2	24			VM Appro	ved Labo	ratory Res	ults	
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

Pima Environmental Services
Received Lbying GD HJM/25/2024 11:16:57 AM

Hobbs, NM 88240 575-964-7740



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:

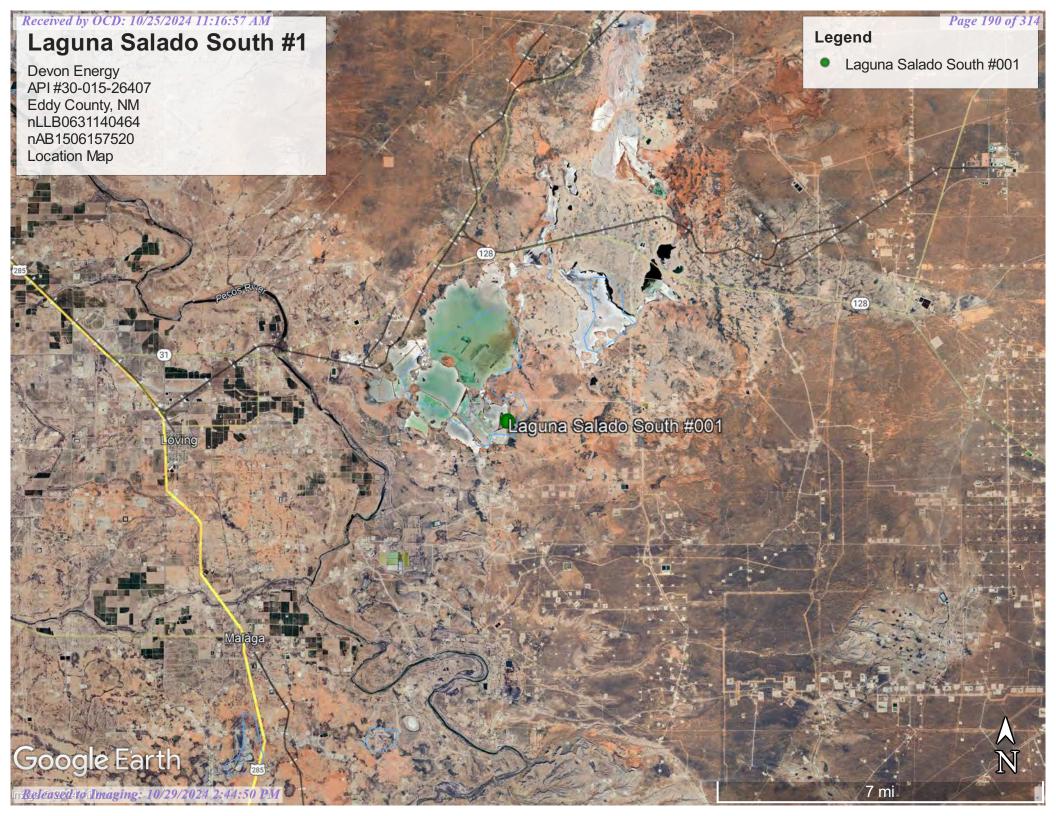
Figure 1- Location Map

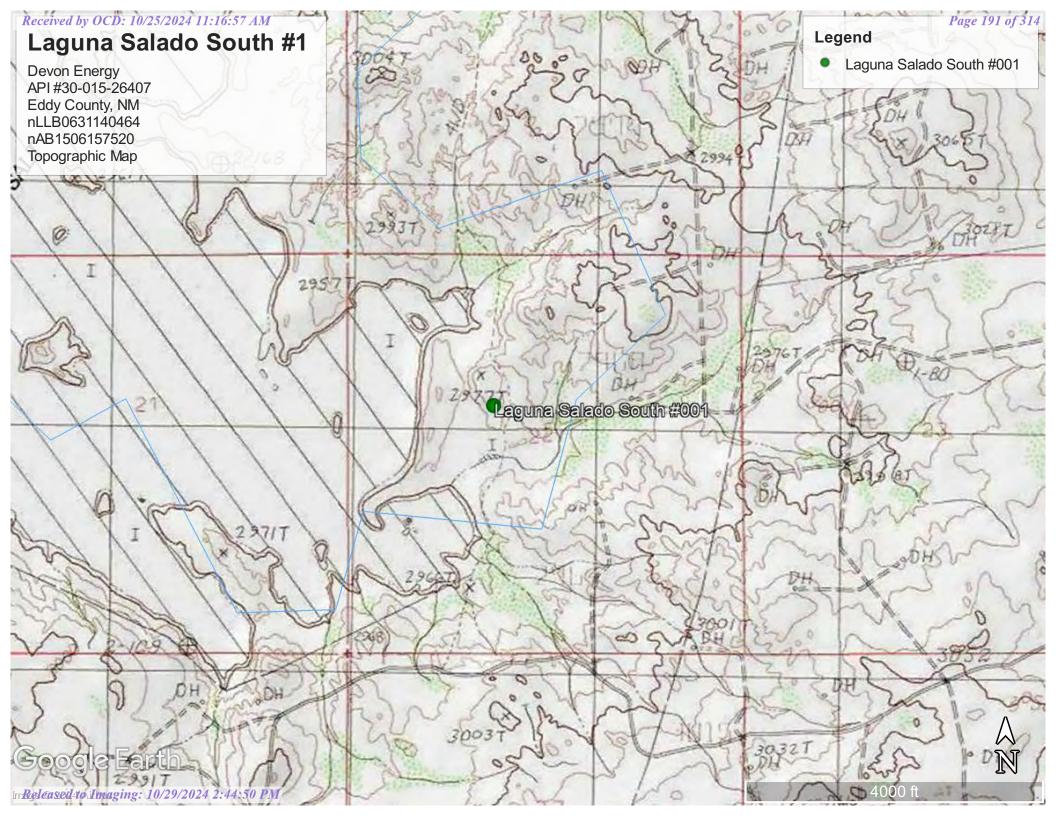
Figure 2- Topographic Map

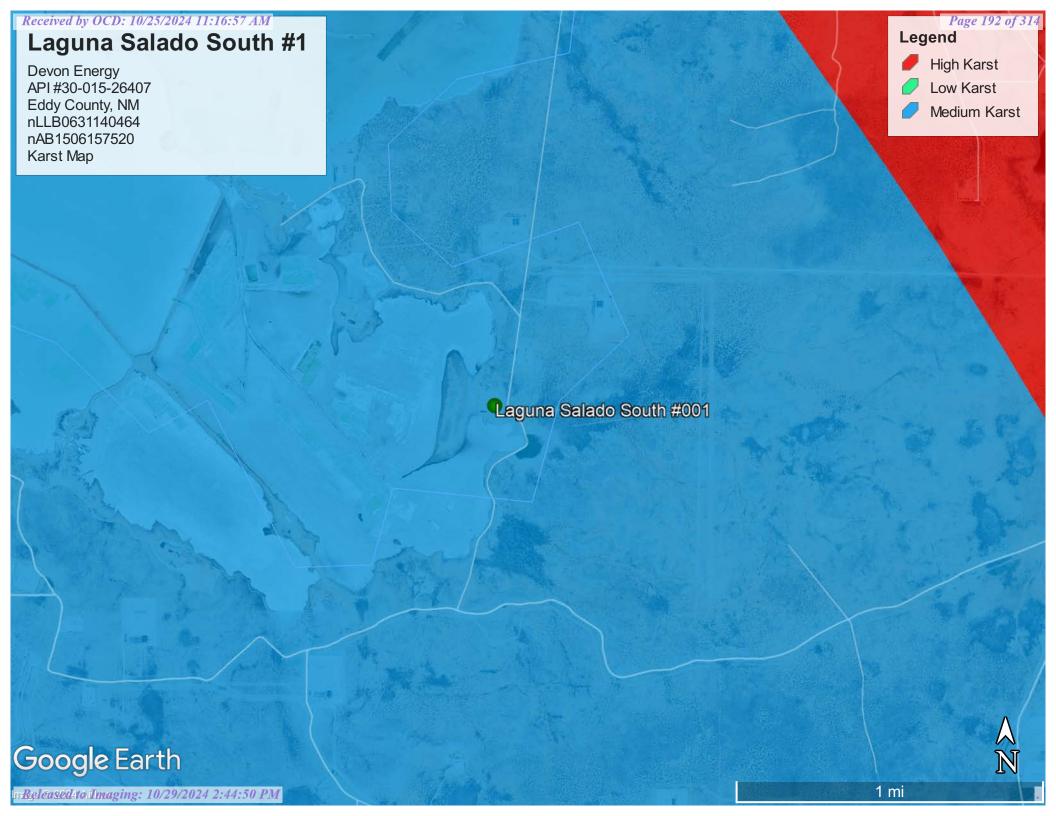
Figure 3- Karst Map

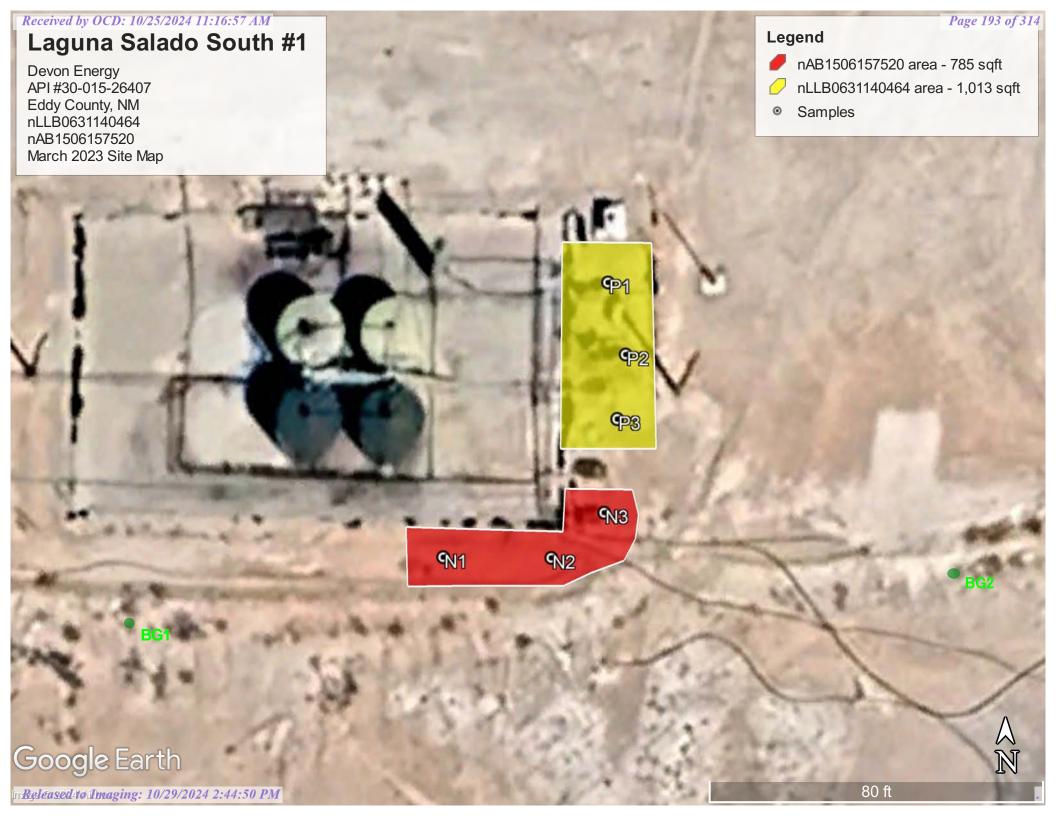
Figure 4- March 2023 Site Map

Figure 5- Confirmation Sample Map













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		_	_	_									
POD Number	Code	Sub-	County	_	Q 16	_	Sec	Twe	Rng	X	Y	DistanceDent	hWellDepthW		iter umn
C 02797	Couc	CUB	ED	דט		3	22	23S	29E	596540	3572895*	396	200	ater cor	umm
<u>C 02716</u>		CUB	ED	4	4	4	16	23S	29E	595818	3574002*	1007	400		
<u>C 02715</u>		CUB	ED	4	1	3	15	23S	29E	596221	3574411*	1162	400		
<u>C 02717</u>		CUB	ED	4	2	4	16	23S	29E	595817	3574407*	1325	400		
<u>C 01217 S</u>		CUB	ED	4	1	4	16	23S	29E	595413	3574403*	1577	350		
<u>C 02721</u>		CUB	ED		2	3	21	23S	29E	594915	3572879*	1669	150		
<u>C 02720</u>		CUB	ED		2	1	21	23S	29E	594911	3573690*	1670	150		
<u>C 02718</u>		CUB	ED	4	4	2	16	23S	29E	595816	3574812*	1680	400		
<u>C 02707</u>		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		
<u>C 02808</u>		CUB	ED		2	3	16	23S	29E	594909	3574501*	2024	100		
<u>C 02809</u>		CUB	ED		2	3	16	23S	29E	594909	3574501*	2024	100		
<u>C 02613</u>		CUB	ED	4	4	2	20	23S	29E	594203	3573176*	2332	400		
<u>C 02794</u>		CUB	ED		4	3	10	23S	29E	596518	3575731*	2439	100		
<u>C 02795</u>		CUB	ED		4	3	10	23S	29E	596518	3575731*	2439	200		
<u>C 01627</u>		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

UTMNAD83 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

Status From/
Trn# Doc File/Act 1 2 Transaction Desc. To Acres Diversion Consumptive

<u>206342 EXPL 2001-02-02</u> PMT APR C 02797 T 0 0

Current Points of Diversion

(NAD83 UTM in meters)

 POD Number
 Well Tag
 Source
 64 Q16Q4Sec Tws Rng
 X
 Y
 Other Location Desc

 C 02797
 2
 3
 22
 23S
 29E
 596540
 3572895*

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

Q

Source

Acres Diversion CU Use Priority Source Description

0 MON GV

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

DateTypeDescriptionCommentProcessed By02/02/2001APPApplication 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*

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

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

OSE POD Location Map



GIS WATERS PODs Pending OSE District Boundary New Mexico State Trust Lands

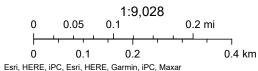
Water Right Regulations Artesian Planning Area

NHD Flowlines

Stream River

Artificial Path

Connector





USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources

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

Click to hideNews Bulletins

 Explore the NEW <u>USGS National Water Dashboard</u> interactive map to access realtime water data from over 13,500 stations nationwide.

Groundwater levels for the Nation

■ Important: <u>Next Generation Monitoring Location Page</u>

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

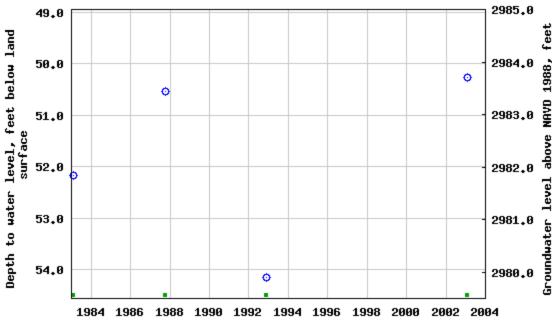
USGS 321717103561001 23S.29E.24.41321

Available data for this site	Groundwater:	Field measurements	→ GO	
Eddy County, New Mexico				
Hydrologic Unit Code 1306	0011			
Latitude 32°17'17", Longit	tude 103°5	6'10" NAD27		
Land-surface elevation 3,0	34 feet abo	ve NAVD88		
This well is completed in th	ne Other aq	uifers (N9999OTI	HER) natio	nal aquifer.
This well is completed in th	ne Rustler F	ormation (312RS	SLR) local a	iquifer.

Output formats

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





Period of approved data

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

Questions or Comments

Help
Data Tips
Explanation of terms
Subscribe for system changes

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: <u>USGS Water Data Support Team</u>

Page Last Modified: 2024-07-18 09:50:34 EDT

0.55 0.5 nadww01





National Water Information System: Mapper







Wetlands Map



July 18, 2024

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Pond

Freshwater Forested/Shrub Wetland

Lake

Other

Riverine

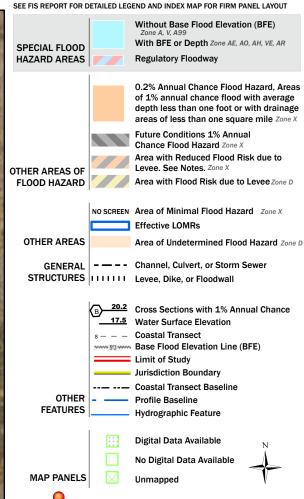
This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

OReleas 240 Imaging: 10/29/2024 294:50 PM

National Flood Hazard Layer FIRMette







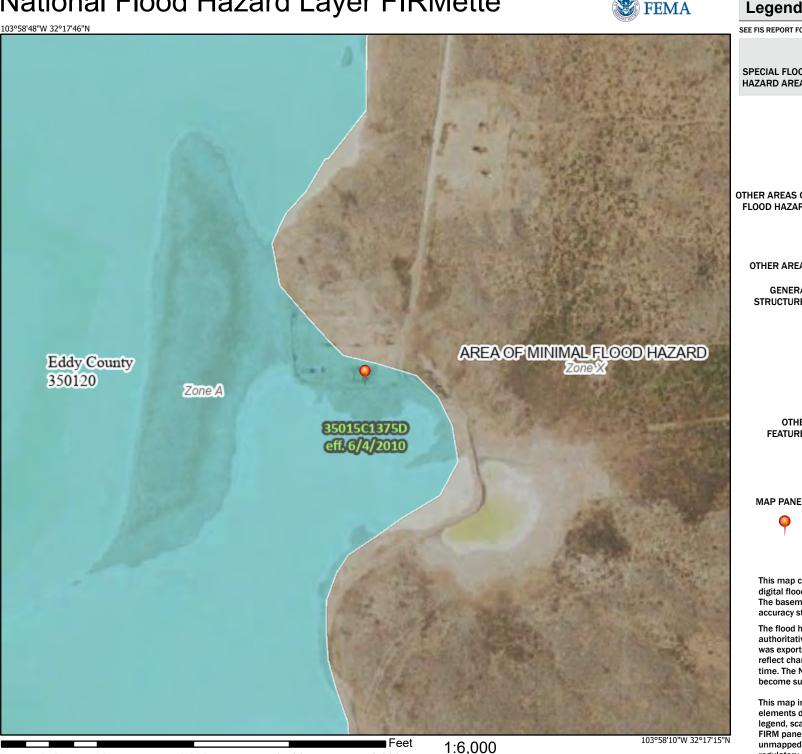
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

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.

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

an authoritative property location.

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.



2,000



Appendix B

- Soil Survey
- Soil Map
- Geologic Unit Map

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

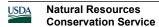
Gypsum, maximum content: 20 percent

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



MAP LEGEND

â

00

Δ

Water Features

Transportation

Background

Spoil Area

Stony Spot

Wet Spot

Other

Rails

US Routes

Major Roads

Local Roads

Very Stony Spot

Special Line Features

Streams and Canals

Interstate Highways

Aerial Photography

Area of Interest (AOI)

Area of Interest (AOI)

Soils

Soil Map Unit Polygons



Soil Map Unit Points

Special Point Features

Blowout

Borrow Pit

Clay Spot

Closed Depression

Gravel Pit

Gravelly Spot

Candfill

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

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

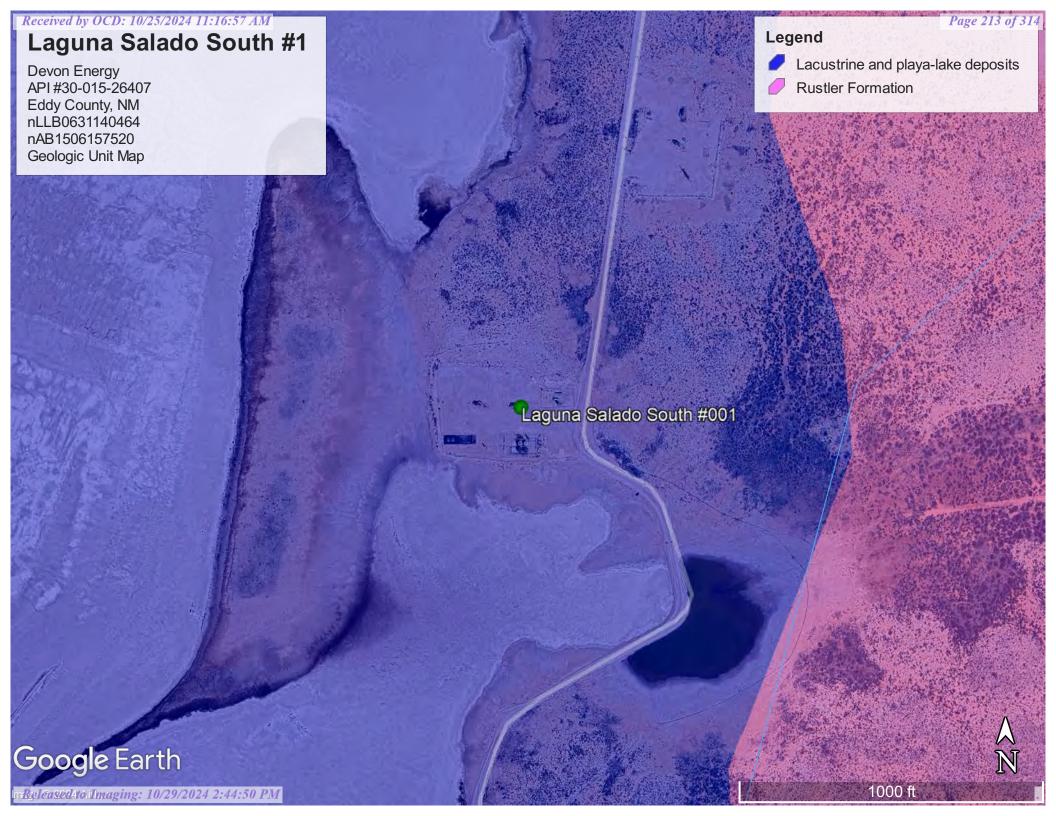
Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

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%





Appendix C

- O 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 abmit 2 Copies to appropriate

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

30.015.2			Rele	ease Notific	ation	and Co	rrective A	ction			
LB063114	0464					OPERA	TOR	\boxtimes	Initial	Report [Final Repo
Name of Co							nnifer Van Cure				
		; Artesia, N					No. 505-748-01	60			
Facility Nar	ne Laguna	Salado Fed	1			Facility Typ	e Well				
Surface Ow	ner			Mineral C)wner			Le	ease No		
				LOCA	TION	OF REI	FASE				
Unit Letter	Section	Township	Range	Feet from the		South Line	Feet from the	East/West	Line	Co	ounty
F	22	238	29E	2030	1	North	1980	West			ddy
			La	titude		_ Longitud	e				
				NAT	URE	OF RELI	EASE				
Type of Rele	ase: Water						Release: 62 bbls	Vol	ume Rec	covered: 50 b	bls
Source of Re		oroke					our of Occurrenc		e and Ho	our of Discove	ery:
Was Immedia	ate Notice (liven?				If YES, To			<i>3</i> -00. 10.	.JU AIVI	
			Yes [No 🗌 Not Re	equired	Mike Brate					
By Whom? N			tor				our: 3-10-06; 1:3				<u> </u>
Was a Water	course Reac		Yes 🗵	No		If YES, Vo	lume Impacting t	he Watercour	rse.		
If a Watercou	rse was Im	nacted. Descri	ibe Fully.*	k		1					
				2 bbls of produced Will continue to m				·	water.	тиск. кертас	ed sear on
Describe Are											
Isolated pump	and called	mechanic &	vac. 25' X	100° area affecte	d.		APR 1	9 2006	Mi	SBINA-U	100
							QCD-Ar	TESIN		900Z 6 I 8d	А
regulations al public health should their o	l operators or the envir perations ha ment. In ac	are required to onment. The ave failed to a Idition, NMO	report an acceptanc dequately CD accept	is true and completed is true and completed is certain reserved investigate and restance of a C-141 reposition.	elease no rt by the emediate	tifications an NMOCD ma contamination	d perform correct trked as "Final Report that pose a three the operator of r	tive actions for the port does not be act to ground the sponsibility	or releas ot relieve water, so for com	es which may e the operator urface water, l pliance with a	endanger of liability human health
^ :	•	1/	r				OIL CONS	<u>SERVATI</u>	ON D	<u>IVISION</u>	
Signature:	Mily	Mari	Call	N				TIM GU	M		
Printed Name	: Jennifer V	an Curen			A	approved by I	District Superviso	by M	BAL	k Sen	run
Title: Product	ion Field To	ech			A	pproval Date	:: 4/9/01	Expira	tion Dat	te:	
E-mail Addre	ss: jennifer.	vancuren@dv	n.com		C	Conditions of	Approval:			Attached	
Date: 3/20/06				Phone: 748-0160						/ [



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Mark E. Fesmire, P.E.
Director
Oil Conservation Division

April 9, 2007

Devon Energy Production Co., LP

P.O. Box 250

Artesia, NM 88211

ATTN: Environmental Department

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 <u>no later than May 9, 2007</u>. 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,

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@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: 405-318-4697

Dale.Woodall@dvn.com

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

Sent: Thursday, July 11, 2024 11:41 AM **To:** Woodall, Dale <Dale.Woodall@dvn.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

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 $\underline{\text{District } \textbf{IV}}$

NM OIL CONSERVATION ARTESIA DISTRICT

State of New Mexico

FEB 26 2015

Form C-141 Revised August 8, 2011

<u>District 1</u> 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 **Energy Minerals and Natural Resources** Oil Conservation Division

Submit I Copy to appropriate District Office in **RECEIA Co**ance with 19.15.29 NMAC.

1220 South St. Francis Dr. Santa Fe NIM 97505

1220 S. St. France	cis Dr., Santa	i Fe, NM 87505		Sa	ınta Fe	, NM 875	05				
			Rele					ction		-	
NAB 15	0615	7520		1	0137	OPERAT	ГOR		al Report		Final Report
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								28			
Facility Na	me Laguna	a Salado Sou	th I			Facility Typ	oe Oil Well				
Surface Ow	vner: Fede	eral		Mineral	Owner	: Federal		API N	o 30-015-20	5407	
Name of Company, Devon Energy Production Company, LP Address PD But S250 Artests, MM 82211 Facility Name Lagune Salado South 1 Facility Type Oil Well											
Unit Letter	Section	Township	Range		,			East/West Line	County		
F '	22	238	29E	2030		North	1980	West	Eddy		
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regulations a public health should their or or the enviro	II operators or the envi operations I nment. In a	are required to ronment. The nave failed to addition, NMC	o report a acceptana adequately OCD accep	nd/or file certain ce of a C-141 rep y investigate and	release r ort by th remedia	notifications a ne NMOCD m te contaminat	nd perform corre narked as "Final F ion that pose a th	ctive actions for re Report" does not re reat to ground wat	leases which lieve the ope er, surface w	n may end crator of ater, hun	danger liability nan health
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Signature: 5	unay fo	ariey					Signed 1	By Miles	Brenouses	F#4	
Printed Nam	e: Sandra F	arley				Approved by	Environmental S	Specialist:			
Title: Field /	Admin Supp	oort				Approval Da	ite: 31215	Expiration	n Date: N	}	
Release Notification and Corrective Action Main of Company Devon Energy Production Company, LP Contact Production Foreman; Joah Weidemann Address P (Dos 250 Artes), NM 88211 Telephone No. 573-513-1528											
								Rules & Guide	Attached	1 🗌	
				46.5587							
Telephone No. 575-513-1528 Facility Type Oil Well											

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

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 <u>BLM **only**</u> 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



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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: 405-318-4697

Dale.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

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Appendix D

Photographic Documentation

Page 224 of 31

Site Assessment



+32,29 1967,-103,97AA08 255° W Devon Laguna Salado 22 Fad GTB

Lease Sign

East side of battery

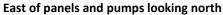




Wellhead and north of battery

East side of battery looking south







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



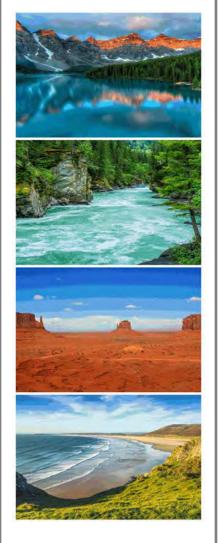
Backfill P1 area



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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Alexa Michaels

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Technical Representative/Client Services

Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@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	Donoutoda
PO Box 247	Project Number:	01058-0007	Reported:
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.

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	4/5/2023 8:49:14AM

P1 - 1' E303125-01

		E303123-01					
Andre	Dk	Reporting	D".	k' B	1	A	N.A
Analyte	Result	Limit	Dilut	tion Pre	pared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: SL			Batch: 2313052
Benzene	ND	0.0250	1	03/3	30/23	03/30/23	
Ethylbenzene	ND	0.0250	1	03/3	30/23	03/30/23	
Toluene	ND	0.0250	1	03/3	30/23	03/30/23	
o-Xylene	ND	0.0250	1	03/3	30/23	03/30/23	
p,m-Xylene	ND	0.0500	1	03/3	30/23	03/30/23	
Total Xylenes	ND	0.0250	1	03/3	30/23	03/30/23	
Surrogate: Bromofluorobenzene		93.4 %	70-130	03/3	30/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	03/3	30/23	03/30/23	
Surrogate: Toluene-d8		103 %	70-130	03/3	30/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	P	Analyst: SL			Batch: 2313052
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/3	30/23	03/30/23	
Surrogate: Bromofluorobenzene		93.4 %	70-130	03/3	30/23	03/30/23	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	03/3	30/23	03/30/23	
Surrogate: Toluene-d8		103 %	70-130	03/3	30/23	03/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL			Batch: 2313085
Diesel Range Organics (C10-C28)	ND	25.0	1	03/3	31/23	03/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/3	31/23	03/31/23	
Surrogate: n-Nonane		90.7 %	50-200	03/2	31/23	03/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: BA			Batch: 2313058
Chloride	8670	1000	50	03/3	30/23	03/30/23	



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	4/5/2023 8:49:14AM

P1 - 3' E303125-02

Analyte	Result	Reporting Limit	Dil	ution	Prepared	Analyzed	Notes
			Dil		•	Anaryzea	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst			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	: Љ		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	

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	4/5/2023 8:49:14AM

P1 - 4' E303125-03

		Reporting					
Analyte	Result	Limit	Dil	ution	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	: ЛL		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	4	50	03/30/23	03/30/23	



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	4/5/2023 8:49:14AM

P2 - 1' E303125-04

	1202123-04				
Result	Limit	Dilutio	on Prepared	Analyzed	Notes
mg/kg	mg/kg	Aı	nalyst: SL		Batch: 2313052
ND	0.0250	1	03/30/23	03/30/23	
ND	0.0250	1	03/30/23	03/30/23	
ND	0.0250	1	03/30/23	03/30/23	
ND	0.0250	1	03/30/23	03/30/23	
ND	0.0500	1	03/30/23	03/30/23	
ND	0.0250	1	03/30/23	03/30/23	
	93.3 %	70-130	03/30/23	03/30/23	
	103 %	70-130	03/30/23	03/30/23	
	103 %	70-130	03/30/23	03/30/23	
mg/kg	mg/kg	Aı	nalyst: SL		Batch: 2313052
ND	20.0	1	03/30/23	03/30/23	
	93.3 %	70-130	03/30/23	03/30/23	
	103 %	70-130	03/30/23	03/30/23	
	103 %	70-130	03/30/23	03/30/23	
mg/kg	mg/kg	Aı	nalyst: JL		Batch: 2313085
ND	25.0	1	03/31/23	03/31/23	
ND	50.0	1	03/31/23	03/31/23	
	106 %	50-200	03/31/23	03/31/23	
	/1	۸,	anlaret. DA		Batch: 2313058
mg/kg	mg/kg	Al	laiyst. BA		Batch: 2313036
	ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 93.3 % 103 % 103 % 103 % ND 20.0 93.3 % 103 % 103 % 103 % 103 % 103 % ND 25.0 ND 50.0 106 %	Reporting Mean Limit Dilution mg/kg mg/kg An ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 93.3 % 70-130 103 % 70-130 mg/kg mg/kg An ND 20.0 1 93.3 % 70-130 103 % 103 % 70-130 103 % 103 % 70-130 103 % ND 25.0 1 ND 50.0 1 106 % 50-200	Reporting Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 03/30/23 ND 0.0250 1 03/30/23 ND 0.0250 1 03/30/23 ND 0.0500 1 03/30/23 ND 0.0250 1 03/30/23 ND 0.0250 1 03/30/23 103 % 70-130 03/30/23 103 % 70-130 03/30/23 mg/kg mg/kg Analyst: SL ND 20.0 1 03/30/23 103 % 70-130 03/30/23 103 % 70-130 03/30/23 103 % 70-130 03/30/23 103 % 70-130 03/30/23 103 % 70-130 03/30/23 105 % 70-130 03/30/23 ND 25.0 1 03/31/23 ND 50.0 1 03/31/23	Reporting Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 03/30/23 03/30/23 ND 0.0500 1 03/30/23 03/30/23 ND 0.0250 1 03/30/23 03/30/23 93.3 % 70-130 03/30/23 03/30/23 103 % 70-130 03/30/23 03/30/23 mg/kg mg/kg Analyst: SL ND 20.0 1 03/30/23 03/30/23 103 % 70-130 03/30/23 03/30/23 103 % 70-130 03/30/23 03/30/23 103 % 70-130 03/30/23 03/30/23 103 % 70-130 03/30/23 03/30/23



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	4/5/2023 8:49:14AM

P2 - 3' E303125-05

		E505125-05				
Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
Maye				1	7 mary zeu	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Aı	nalyst: 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	Aı	nalyst: 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	Aı	nalyst: 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	Aı	nalyst: BA		Batch: 2313058
Chloride	9360	1000	50	03/30/23	03/30/23	

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	4/5/2023 8:49:14AM

P2 - 4' E303125-06

Analyte	Result	Reporting Limit	Diluti	ion Prepare	d Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: SL		Batch: 2313052
Benzene	ND	0.0250	1	03/30/23	3 03/30/23	Batem 2515052
Ethylbenzene	ND	0.0250	1	03/30/23		
Toluene	ND	0.0250	1	03/30/23	3 03/30/23	
o-Xylene	ND	0.0250	1	03/30/23	3 03/30/23	
p,m-Xylene	ND	0.0500	1	03/30/23	3 03/30/23	
Total Xylenes	ND	0.0250	1	03/30/23	3 03/30/23	
Surrogate: Bromofluorobenzene		94.7 %	70-130	03/30/2	3 03/30/23	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130	03/30/2.	3 03/30/23	
Surrogate: Toluene-d8		102 %	70-130	03/30/2	3 03/30/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: SL		Batch: 2313052
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/23	3 03/30/23	
Surrogate: Bromofluorobenzene		94.7 %	70-130	03/30/2	3 03/30/23	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130	03/30/2.	3 03/30/23	
Surrogate: Toluene-d8		102 %	70-130	03/30/2.	3 03/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: JL		Batch: 2313085
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/23	3 03/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/23	3 03/31/23	
Surrogate: n-Nonane		86.7 %	50-200	03/31/2.	3 03/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: BA		Batch: 2313058
Chloride	9880	1000	50	03/30/23	3 03/30/23	<u> </u>



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	4/5/2023 8:49:14AM

P3 - 1' E303125-07

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Ana	ılyst: 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	Ana	ılyst: 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	Ana	ılyst: 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	Ana	nlyst: BA		Batch: 2313058
<u> </u>	9230		50	03/30/23	03/30/23	

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	4/5/2023 8:49:14AM

P3 - 3' E303125-08

		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	A	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	A	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	A	analyst: BA		Batch: 2313058



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	4/5/2023 8:49:14AM

P3 - 4' E303125-09

	2000120 07				
Result			Prepared	Analyzed	Notes
			1	1 mary 200	Batch: 2313052
			-	02/20/22	Batch. 2313032
		1			
		1			
		1			
		1			
		1			
ND	0.0250	1	03/30/23	03/30/23	
	92.9 %	70-130	03/30/23	03/30/23	
	100 %	70-130	03/30/23	03/30/23	
	103 %	70-130	03/30/23	03/30/23	
mg/kg	mg/kg	Ana	llyst: SL		Batch: 2313052
ND	20.0	1	03/30/23	03/30/23	
	92.9 %	70-130	03/30/23	03/30/23	
	100 %	70-130	03/30/23	03/30/23	
	103 %	70-130	03/30/23	03/30/23	
mg/kg	mg/kg	Anal	lyst: JL		Batch: 2313085
ND	25.0	1	03/31/23	03/31/23	_
ND	50.0	1	03/31/23	03/31/23	
	93.6 %	50-200	03/31/23	03/31/23	
mg/kg	mg/kg	Ana	lyst: BA		Batch: 2313058
	ND mg/kg ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 92.9 % 100 % 103 % mg/kg ND 20.0 92.9 % 100 % 103 % mg/kg mg/kg mg/kg ND 25.0 ND 50.0	mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 92.9 % 70-130 100 % 70-130 103 % 70-130 mg/kg mg/kg Ana ND 20.0 1 92.9 % 70-130 1 100 % 70-130 1 mg/kg mg/kg Ana ND 25.0 1 ND 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 03/30/23 ND 0.0250 1 03/30/23 ND 0.0250 1 03/30/23 ND 0.0250 1 03/30/23 ND 0.0500 1 03/30/23 ND 0.0250 1 03/30/23 100 % 70-130 03/30/23 100 % 70-130 03/30/23 103 % 70-130 03/30/23 ND 20.0 1 03/30/23 100 % 70-130 03/30/23 100 % 70-130 03/30/23 103 % 70-130 03/30/23 103 % 70-130 03/30/23 103 % 70-130 03/30/23 103 % 70-130 03/30/23 103 % 70-130 03/30/23 103 % 70-130 03/30/23 ND 25.0 1 </td <td>Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 03/30/23 03/30/23 ND 0.0500 1 03/30/23 03/30/23 ND 0.0250 1 03/30/23 03/30/23 ND 0.0250 1 03/30/23 03/30/23 ND 0.0250 1 03/30/23 03/30/23 100 % 70-130 03/30/23 03/30/23 100 % 70-130 03/30/23 03/30/23 100 % 70-130 03/30/23 03/30/23 100 % 70-130 03/30/23 03/30/23 100 % 70-130 03/30/23 03/30/23 103 % 70-130 03/30/23 03/30/23 103 %</td>	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 03/30/23 03/30/23 ND 0.0500 1 03/30/23 03/30/23 ND 0.0250 1 03/30/23 03/30/23 ND 0.0250 1 03/30/23 03/30/23 ND 0.0250 1 03/30/23 03/30/23 100 % 70-130 03/30/23 03/30/23 100 % 70-130 03/30/23 03/30/23 100 % 70-130 03/30/23 03/30/23 100 % 70-130 03/30/23 03/30/23 100 % 70-130 03/30/23 03/30/23 103 % 70-130 03/30/23 03/30/23 103 %



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	4/5/2023 8:49:14AM

BG2 - 1' E303125-10

Analyte	Result	Reporting Limit		ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: SL		Batch: 2313052
Benzene	ND	0.0250	1	1	03/30/23	03/30/23	
Ethylbenzene	ND	0.0250	1	1	03/30/23	03/30/23	
Toluene	ND	0.0250	1	1	03/30/23	03/30/23	
o-Xylene	ND	0.0250	1	1	03/30/23	03/30/23	
p,m-Xylene	ND	0.0500	1	1	03/30/23	03/30/23	
Total Xylenes	ND	0.0250	1	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	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	: ЛL		Batch: 2313085
Diesel Range Organics (C10-C28)	ND	25.0	1	1	03/31/23	03/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	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	5	0	03/30/23	03/30/23	

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	4/5/2023 8:49:14AM

BG2 - 3' E303125-11

		1200123-11				
Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
Allalyte	Result	Limit		1	Allalyzeu	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Ar	nalyst: 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	Ar	nalyst: 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	Ar	nalyst: 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	Ar	nalyst: BA		Batch: 2313058
Chloride	7160	1000	50	03/30/23	03/30/23	

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	4/5/2023 8:49:14AM

BG2 - 4'

		E303125-12				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Aı	nalyst: 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	Aı	nalyst: 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	Aı	nalyst: 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	Aı	nalyst: BA		Batch: 2313058
Chloride	8600	400	20	03/30/23	03/30/23	



QC Summary Data

Laguna Salado South #1 Pima Environmental Services-Carlsbad Project Name: 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 Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2313052-BLK1) Prepared: 03/30/23 Analyzed: 03/31/23 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: Bromofluorobenzene 0.461 0.500 92.2 70-130 Surrogate: 1,2-Dichloroethane-d4 0.473 0.500 94.5 70-130 0.500 104 70-130 Surrogate: Toluene-d8 0.521 LCS (2313052-BS1) Prepared: 03/30/23 Analyzed: 03/31/23 2.18 0.0250 2.50 87.4 70-130 Benzene 2.25 2.50 90.2 70-130 Ethylbenzene 0.0250 2.32 0.0250 2.50 92.8 70-130 2.29 70-130 0.0250 2.50 91.6 o-Xylene 4.58 5.00 91.6 70-130 p,m-Xylene 0.0500 6.87 0.0250 7.50 91.6 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.503 0.500 101 70-130 0.500 95.8 70-130 Surrogate: 1,2-Dichloroethane-d4 0.479 70-130 Surrogate: Toluene-d8 0.500 0.520 Matrix Spike (2313052-MS1) Source: E303125-01 Prepared: 03/30/23 Analyzed: 03/31/23 2.23 0.0250 2.50 ND 89.3 48-131 45-135 Ethylbenzene 2.28 0.0250 2.50 ND 91.3 48-130 Toluene 2.28 0.0250 2.50 ND 91.2 2.30 0.0250 2.50 ND 91.9 43-135 o-Xylene 4.56 ND 91.2 43-135 p,m-Xylene 0.0500 5.00 Total Xylenes 6.86 0.0250 7.50 ND 91.4 43-135 97.9 Surrogate: Bromofluorobenzene 0.490 0.500 70-130 0.500 95.9 70-130 Surrogate: 1,2-Dichloroethane-d4 0.480 0.500 70-130 0.516 Surrogate: Toluene-d8 Matrix Spike Dup (2313052-MSD1) Source: E303125-01 Prepared: 03/30/23 Analyzed: 03/31/23 2.14 0.0250 2.50 ND 85.4 48-131 4.42 23 2.19 0.0250 2.50 ND 87.7 45-135 4.00 27 Ethylbenzene ND 87.8 48-130 3.71 24 2.20 2.50 Toluene 0.0250 o-Xylene 2.19 0.0250 2.50 ND 87.7 43-135 4.65 27 5.00 ND 43-135 4.04 27 4.38 87.6 p,m-Xylene 0.0500 27 6.57 0.0250 7.50 ND 87.6 43-135 4.24 Total Xylenes Surrogate: Bromofluorobenzene 0.491 0.500 98.1 70-130



0.500

0.500

0.483

0.515

96.6

70-130

70-130

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

Gasoline Range Organics (C6-C10)

 ${\it Surrogate: Bromofluor obenzene}$

Surrogate: Toluene-d8

Surrogate: 1,2-Dichloroethane-d4

QC Summary Data

Pima Environmental Services-CarlsbadProject Name:Laguna Salado South #1Reported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Tom Bynum4/5/20238:49:14AM

M. J. J	A	L EDA	0015D	CDO
Nonhalogenated	Organics i	DV EPA	80151) -	CKO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2313052-BLK1)							Prepared: 0	3/30/23 Analy	zed: 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: 0	3/30/23 Analy	zed: 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: 0	3/30/23 Analy	zed: 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:	E303125-0	01	Prepared: 0	3/30/23 Analy	zed: 03/31/23

50.0

0.500

0.500

0.500

20.0

ND

96.8

95.8

92.4

104

48.4

0.479

0.462

0.521

70-130

70-130

70-130

70-130

11.1



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

Plains TX, 79355-0247		Project Manage	r: To	m Bynum					4/5/2023 8:49:14AN
	Nonhal	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2313085-BLK1)							Prepared: 0	3/31/23 A	nalyzed: 03/31/23
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	54.7		50.0		109	50-200			
LCS (2313085-BS1)							Prepared: 0	3/31/23 A	analyzed: 03/31/23
Diesel Range Organics (C10-C28)	284	25.0	250		114	38-132			
urrogate: n-Nonane	53.7		50.0		107	50-200			
Matrix Spike (2313085-MS1)				Source:	E303125-	03	Prepared: 0	3/31/23 A	analyzed: 03/31/23
Diesel Range Organics (C10-C28)	281	25.0	250	ND	112	38-132			
urrogate: n-Nonane	50.8		50.0		102	50-200			
Matrix Spike Dup (2313085-MSD1)				Source:	E303125-	03	Prepared: 0	3/31/23 A	analyzed: 03/31/23
Diesel Range Organics (C10-C28)	283	25.0	250	ND	113	38-132	0.763	20	
urrogate: n-Nonane	50.9		50.0		102	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	0	aguna Salado S 1058-0007 om Bynum	South #1				Reported: 4/5/2023 8:49:14AM
		Anions l	y EPA	300.0/9056A					Analyst: BA
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2313058-BLK1)							Prepared: 0	3/30/23 A	analyzed: 03/30/23
Chloride	ND	20.0							
LCS (2313058-BS1)							Prepared: 0	3/30/23 A	analyzed: 03/30/23
Chloride	251	20.0	250		101	90-110			
Matrix Spike (2313058-MS1)				Source: 1	E303125-0)1	Prepared: 0	3/30/23 A	analyzed: 03/30/23
Chloride	7690	1000	250	8670	NR	80-120			M5, R3
Matrix Spike Dup (2313058-MSD1)				Source: 1	E303125-0)1	Prepared: 0	3/30/23 A	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	
١	PO Box 247	Project Number:	01058-0007	Reported:
١	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.



			16	an us	e On	V	1		TA		LPAT	rogram
	Lab \	WO#			Job I	Number		2D	3D	Standard	CWA	SDWA
	E2	303	125	5	010	58-0007				X		0.004
					Analy	sis and Metho	od			U		RCRA
											Ctoto	1
	015	015								NIMI CO		TXI
5	by 8	by 8	321	09	10	00.00	Z.	×	1 1		01 1/2	11/
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8		M										
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10							A	+				
158												1.3
mislabelling the sampl	le locați	ion	2	7	Sampl	es requiring therm	mp abov	vation m	less than	eceived on ice the o 6 °C on subsequen	iay they are sar t days.	ipled or recei
lara Ber	WM	1-2	11		Packe	a in recur an avg co					2 22	
	23	14	100)	Rec	eived on ice	(A)			Ψ		
	1 2 3 4 5 6 7 8 9 10	Lab Number 1 2 3 4 5 0 7 8 9 10 NS 8 nislabelling the sample locat (and Bency) Date (23)	Lab Number Val 1 2 3 4 5 6 7 8 9 10 Number location Cara Benance 7 17 18 18 19 19 10 10 10 10 10 10 10 10	Lab Number 1 2 3 4 5 6 7 8 10 Number location Senow by 8012 Date 7 1400	E 303 25 Lab Story on the sample location Story of the	E 303 25 Olos Analy	E 303 25 DINS 8-0007 Analysis and Methor 1	Analysis and Method F 303 25 DINS & OXOT Analysis and Method 1	Analysis and Method STION SA ON	Analysis and Method STORY AND STORY	E 303 25 Dios 8 0007 Analysis and Method Strong Str	F 303 25 Dios & Coo T Analysis and Method State NM CO UT AZ

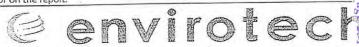
03/30/23 3-29-23 AVG Temp °C Container Type g - glass, p - poly/plastic, ag - amber glass, v - VOA Sample Matrix: S - Soil Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above

Date

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.

Date

Received by: (Signature)



2:44:50



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

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

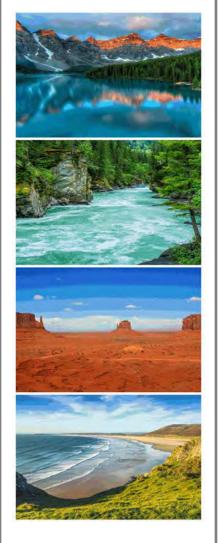
Instructions: Please take note of any NO checkmarks.

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)			
	Custody (COC)						
	ne sample ID match the COC?		Yes				
	ne number of samples per sampling site location ma	tch the COC	Yes				
	amples dropped off by client or carrier?		Yes	Carrier: <u>C</u>	Courier		
	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes				
5. Were al	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi	•	Yes			<u>Comment</u>	s/Resolution
Sample T	urn Around Time (TAT)						
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C	<u>Cooler</u>						
7. Was a s	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was the	e 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	e sample received on ice? If yes, the recorded temp is 4°C. Note: Thermal preservation is not required, if samples ar minutes of sampling		Yes				
13. If no v	visible ice, record the temperature. Actual sample	temperature: 4°0	<u>C</u>				
Sample C	<u>Container</u>						
14. Are ac	queous VOC samples present?		No				
15. Are V	OC 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 no	on-VOC samples collected in the correct containers	?	Yes				
19. Is the a	appropriate volume/weight or number of sample contain	ners collected?	Yes				
Field Lab	<u>oel</u>						
	field sample labels filled out with the minimum info	ormation:					
	ample ID?		Yes				
	ate/Time Collected? ollectors name?		Yes	'			
	reservation		No				
-	the COC or field labels indicate the samples were p	reserved?	No				
	ample(s) correctly preserved?	reserved:	NA				
	filteration required and/or requested for dissolved n	netals?	No				
	<u>.</u>		110				
	se Sample Matrix	9	3.7				
	the sample have more than one phase, i.e., multipha		No				
	does the COC specify which phase(s) is to be analy	yzeu?	NA				
	act Laboratory						
	imples required to get sent to a subcontract laborato	-	No				
29. Was a	subcontract laboratory specified by the client and i	f so who?	NA	Subcontract Lab	: NA		
Client In	<u>struction</u>						

Date

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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Alexa Michaels

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Technical Representative/Client Services

Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan

Technical Representative Office: 505-421-LABS(5227)

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Donoutoda
PO Box 247	Project Number:	01058-0007	Reported:
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.

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	4/5/2023 8:56:20AM

N1 - 1' E303133-01

		ECOCICC OI				
Analyta	Result	Reporting Limit	Dilut	ion Prepared	I Analyzed	Notes
Analyte	Result	Limit	Dilut	ion Prepared	i Anaiyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	A	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	A	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	A	Analyst: BA		Batch: 2313092
Chloride	9720	400	20	03/31/23	04/01/23	



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	4/5/2023 8:56:20AM

N1 - 3' E303133-02

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: S	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	A	Analyst: S	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	A	Analyst: I	ΚM		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	A	Analyst: I	ВА		Batch: 2313092
Chloride	13400	400	20)	03/31/23	04/01/23	

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	4/5/2023 8:56:20AM

N1 - 4' E303133-03

		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	A	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	A	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	A	analyst: BA		Batch: 2313092
Chloride	12200	400	20	03/31/23	04/01/23	

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	4/5/2023 8:56:20AM

N2 - 1' E303133-04

		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2313054
Benzene	ND	0.0250	1	l	03/30/23	03/31/23	
Ethylbenzene	ND	0.0250	1	l	03/30/23	03/31/23	
Toluene	ND	0.0250	1	1	03/30/23	03/31/23	
o-Xylene	ND	0.0250	1	l	03/30/23	03/31/23	
p,m-Xylene	ND	0.0500	1	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	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	1	03/30/23	03/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	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
	10800	400	2	^	03/31/23	04/01/23	

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	4/5/2023 8:56:20AM

N2 - 3' E303133-05

Analyte	Result	Reporting Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	An	alyst: 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	An	alyst: 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	An	alyst: 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	An	alyst: BA		Batch: 2313092
Chloride	10900	400	20	03/31/23	04/01/23	



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	4/5/2023 8:56:20AM

N2 - 4' E303133-06

		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: 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	A	nalyst: 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	A	nalyst: 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	A	nalyst: BA		Batch: 2313092
Chloride	10000	400	20	03/31/23	04/01/23	

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	4/5/2023 8:56:20AM

N3 - 1' E303133-07

		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	.nalyst: 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	A	nalyst: 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	A	.nalyst: 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	A	.nalyst: BA		Batch: 2313092
Chloride	9150	400	20	03/31/23	04/01/23	

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	4/5/2023 8:56:20AM

N3 - 3' E303133-08

		2000100 00					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
	mg/kg	mg/kg		Analyst		7 Hidiy Zed	Batch: 2313054
Volatile Organic Compounds by EPA 8260B	ND	0.0250		1	03/30/23	03/31/23	Batch: 2313034
Benzene	ND ND	0.0250		1	03/30/23	03/31/23	
Ethylbenzene	ND ND	0.0250		1	03/30/23	03/31/23	
Toluene	ND ND	0.0250		1	03/30/23	03/31/23	
o-Xylene	ND ND	0.0230		1	03/30/23	03/31/23	
p,m-Xylene	ND ND	0.0300		1	03/30/23	03/31/23	
Total Xylenes	ND			1			
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	2	20	03/31/23	04/01/23	

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	4/5/2023 8:56:20AM

N3 - 4' E303133-09

		2000100 07					
Analyte	Result	Reporting Limit	Dih	ution	Prepared	Analyzed	Notes
	mg/kg	mg/kg		Analyst:	•	1 mary 200	Batch: 2313054
Volatile Organic Compounds by EPA 8260B	ND	0.0250		1	03/30/23	03/31/23	Batch: 2313034
Benzene	ND ND	0.0250		1	03/30/23	03/31/23	
Ethylbenzene	ND ND	0.0250		1	03/30/23	03/31/23	
Toluene	ND ND	0.0250		1	03/30/23	03/31/23	
o-Xylene	ND ND	0.0230		1	03/30/23	03/31/23	
p,m-Xylene	ND ND	0.0300		1	03/30/23	03/31/23	
Total Xylenes	ND						
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	2	20	03/31/23	04/01/23	



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	4/5/2023 8:56:20AM

BG1 - 1' E303133-10

		E303133-10				
	D 1	Reporting				27.
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: 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	A	nalyst: 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	A	nalyst: 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	A	nalyst: BA		Batch: 2313092
Chloride	9260	400	20	03/31/23	04/01/23	



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	4/5/2023 8:56:20AM

BG1 - 3' E303133-11

		Reporting					
Analyte	Result	Limit	Dil	ution	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	2	20	03/31/23	04/01/23	



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	4/5/2023 8:56:20AM

BG1 - 4' E303133-12

		Reporting					
Analyte	Result	Limit	Diluti	ion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: S	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	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	A	Analyst: S	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	А	Analyst: l	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	А	Analyst: l	BA		Batch: 2313092
Chloride	9840	400	20)	03/31/23	04/01/23	·

Laguna Salado South #1 Pima Environmental Services-Carlsbad Project Name: 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 Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2313054-BLK1) Prepared: 03/30/23 Analyzed: 03/31/23 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: Bromofluorobenzene 0.459 0.500 91.7 70-130 Surrogate: 1,2-Dichloroethane-d4 0.469 0.500 93.8 70-130 0.500 103 70-130 Surrogate: Toluene-d8 0.514 LCS (2313054-BS1) Prepared: 03/30/23 Analyzed: 03/31/23 2.24 0.0250 2.50 89.6 70-130 Benzene 2.29 2.50 70-130 91.7 Ethylbenzene 0.0250 2.29 0.0250 2.50 91.6 70-130 92.5 70-130 2.31 0.0250 2.50 o-Xylene 4.62 5.00 92.4 70-130 p,m-Xylene 0.0500 6.93 0.0250 7.50 92.4 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.500 0.500 100 70-130 0.500 94.2 70-130 Surrogate: 1,2-Dichloroethane-d4 0.471 70-130 Surrogate: Toluene-d8 0.500 0.518 Matrix Spike (2313054-MS1) Source: E303132-22 Prepared: 03/30/23 Analyzed: 03/31/23 2.28 0.0250 2.50 ND 48-131 45-135 Ethylbenzene 2.33 0.0250 2.50 ND 93.0 93.2 48-130 Toluene 2.33 0.0250 2.50 ND 2.34 0.0250 2.50 ND 93.7 43-135 o-Xylene 4.67 ND 93.4 43-135 p,m-Xylene 0.0500 5.00 Total Xylenes 7.01 0.0250 7.50 ND 93.5 43-135 Surrogate: Bromofluorobenzene 0.494 0.500 98.8 70-130 0.500 91.1 70-130 Surrogate: 1,2-Dichloroethane-d4 0.456 0.500 70-130 0.521 Surrogate: Toluene-d8 Matrix Spike Dup (2313054-MSD1) Source: E303132-22 Prepared: 03/30/23 Analyzed: 03/31/23 2.25 0.0250 2.50 ND 90.2 48-131 0.993 23 2.31 0.0250 2.50 ND 92.2 45-135 0.842 27 Ethylbenzene ND 48-130 24 2.28 2.50 91.2 2.15 Toluene 0.0250 o-Xylene 2.32 0.0250 2.50 ND 92.7 43-135 1.07 27 5.00 ND 92.1 43-135 27 4.61 1.34 p,m-Xylene 0.0500 27 6.92 0.0250 7.50 ND 92.3 43-135 1.25 Total Xylenes Surrogate: Bromofluorobenzene 0.487 0.500 973 70-130



0.500

0.500

0.475

0.512

94.9

102

70-130

70-130

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

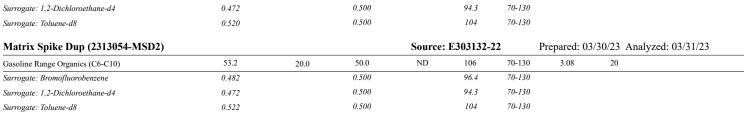
Laguna Salado South #1 Pima Environmental Services-Carlsbad Project Name: Reported: PO Box 247 Project Number: 01058-0007 Plains TX, 79355-0247 Project Manager: Tom Bynum 4/5/2023 8:56:20AM

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
Analyte							1.00	2/20/22 1 1	1 02/21/22

	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2313054-BLK1)							Prepared: 0	3/30/23	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: 0	3/30/23	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: 0	3/30/23	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: 0	3/30/23	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			



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

Plains TX, 79355-0247		Project Manage	r: To	m Bynum					4/5/2023 8:56:20AN
	Nonha	logenated Or	ganics by	EPA 8015I	D - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2313070-BLK1)							Prepared: 0	3/30/23 A	nalyzed: 03/31/23
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	51.6		50.0		103	50-200			
LCS (2313070-BS1)							Prepared: 0	3/30/23 A	nalyzed: 03/31/23
Diesel Range Organics (C10-C28)	268	25.0	250		107	38-132			
urrogate: n-Nonane	49.2		50.0		98.4	50-200			
Matrix Spike (2313070-MS1)				Source:	E303150-	03	Prepared: 0	3/30/23 A	nalyzed: 03/31/23
Diesel Range Organics (C10-C28)	712	25.0	250	430	113	38-132			
urrogate: n-Nonane	50.2		50.0		100	50-200			
Matrix Spike Dup (2313070-MSD1)				Source:	E303150-	03	Prepared: 0	3/30/23 A	nalyzed: 03/31/23
Diesel Range Organics (C10-C28)	750	25.0	250	430	128	38-132	5.10	20	
urrogate: n-Nonane	50.2		50.0		100	50-200			



Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		aguna Salado (1058-0007	South #1				Reported:
Plains TX, 79355-0247		Project Manager:	: Т	om Bynum					4/5/2023 8:56:20AM
		Anions	by EPA	300.0/9056 <i>A</i>	1				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
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:	E303132-2	21	Prepared: (03/31/23	Analyzed: 04/01/23
Chloride	574	20.0	250	289	114	80-120			
Matrix Spike Dup (2313092-MSD1)				Source:	E303132-2	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.



lient: Pima	Enviro	onmenta	al Servic	es	BillTo				ab U						TAT		EPA P	
roject: Lagu	una Sa	alado	South	#1	Attention: Dev Bill To		Lab W	313	マ	Job	Number		1D	2D	3D	Standard	CWA	SDW
roject Man					Address: City, State, Zip		EX	515	ی	Analy	sis and N	Method						RCI
ity, State, Z					Phone:				T								Charles	
hone: 580	-748-1	613			Email:		015	015								NMI CO	State UT AZ	TXI
mail: tom		aoil.com	1		Pima Project # 1-275	5	DRO/ORO by 8015	GRO/DRO by 8015 BTEX by 8021	260	010	Chloride 300.0		S	×		Y	01 7.2	
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Time ampled	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	BGDOC			Remark	S
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elinguishe	d by: (Signa		Date	Time	15	Received by: (Eignature)	Date 03/30	23	Time	:00		1	Temp°C_	4.0		3		Sing 1	

or on the report.

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envirotech Inc.

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

Envirotech Analytical Laboratory

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:		17:00 (4 day TAT)		Logged in Dy.	
	Custody (COC)						
	ne sample ID match the COC?	4-1-4 COC	Yes				
	ne number of samples per sampling site location ma	ten the COC	Yes				
	amples dropped off by client or carrier?		Yes	Carrier: <u>C</u>	<u>ourier</u>		
	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes				
	Il samples received within holding time? Note: Analysis, such as pH which should be conducted i i.e, 15 minute hold time, are not included in this disucssi		Yes	-		Comment	s/Resolution
Sample T	<u>urn Around Time (TAT)</u>						
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C							
	sample cooler received?		Yes				
•	was cooler received in good condition?		Yes				
	e 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				
	e sample received on ice? If yes, the recorded temp is 4°C Note: Thermal preservation is not required, if samples ar minutes of sampling	e received w/i 15	Yes				
13. If no	visible ice, record the temperature. Actual sample	temperature: 4°0	<u>C</u>				
	<u>Container</u>						
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers		Yes				
19. Is the	appropriate volume/weight or number of sample contain	ners collected?	Yes				
Field Lat							
	field sample labels filled out with the minimum info	ormation:	Yes				
	ample ID? ate/Time Collected?			L			
	ollectors name?		Yes No				
	reservation		110				
21. Does	the COC or field labels indicate the samples were p	reserved?	No				
22. Are sa	ample(s) correctly preserved?		NA				
	filteration required and/or requested for dissolved r	netals?	No				
Multipha	se Sample Matrix						
	the sample have more than one phase, i.e., multipha	se?	No				
	, does the COC specify which phase(s) is to be anal		NA				
		,					
	act Laboratory amples required to get sent to a subcontract laborate	9	No				
	subcontract laboratory specified by the client and i	•	NA	Culting and track I also	. NI A		
	• • •	i so wiio:	INA	Subcontract Lab:	: NA		
Client Ir	<u>istruction</u>						

Page 24 of 24

Date

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

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: E407125

Job Number: 01058-0007

Received: 7/17/2024

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 7/17/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

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

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

Date Reported: 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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Laboratory Technical Representative Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com



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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Laguna Salado South #1	Donoutoda	
PO Box 247	Project Number:	01058-0007	Reported:	
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.



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	7/17/2024 4:52:49PM

CP1-3.5' E407125-01

	E40/123-01				
Popult			Dranarad	Analyzod	Notes
Resuit	Limit	Dilution	Frepared	Allalyzed	Notes
mg/kg	mg/kg	Anal	yst: BA		Batch: 2429045
ND	0.0250	1	07/16/24	07/17/24	
ND	0.0250	1	07/16/24	07/17/24	
ND	0.0250	1	07/16/24	07/17/24	
ND	0.0250	1	07/16/24	07/17/24	
ND	0.0500	1	07/16/24	07/17/24	
ND	0.0250	1	07/16/24	07/17/24	
	91.4 %	70-130	07/16/24	07/17/24	
mg/kg	mg/kg	Anal	yst: BA		Batch: 2429045
ND	20.0	1	07/16/24	07/17/24	
	107 %	70-130	07/16/24	07/17/24	
mg/kg	mg/kg	Anal	yst: KM		Batch: 2429036
ND	25.0	1	07/17/24	07/17/24	
ND	50.0	1	07/17/24	07/17/24	
	81.6%	50-200	07/17/24	07/17/24	
mg/kg	mg/kg	Anal	yst: DT		Batch: 2429038
276	20.0	1	07/17/24	07/17/24	
	ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result Reporting mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 20.0250 MD 20.0 107 % mg/kg MB/kg mg/kg ND 25.0 ND 50.0 81.6 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 MD 0.0250 1 91.4 % 70-130 mg/kg mg/kg Analy ND 20.0 1 107 % 70-130 1 mg/kg mg/kg Analy ND 25.0 1 ND 50.0 1 81.6 % 50-200 mg/kg Analy	Reporting Result Limit Dilution Prepared mg/kg Analyst: BA ND 0.0250 1 07/16/24 ND 0.0250 1 07/16/24 ND 0.0250 1 07/16/24 ND 0.0250 1 07/16/24 ND 0.0500 1 07/16/24 ND 0.0250 1 07/16/24 mg/kg mg/kg Analyst: BA ND 20.0 1 07/16/24 mg/kg mg/kg Analyst: KM ND 25.0 1 07/17/24 ND 50.0 1 07/17/24 ND 50.0 1 07/17/24 ND 50.0 1 07/17/24 ND 50.0 07/17/24 Mg/kg Mg/kg Analyst: DT	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 07/16/24 07/17/24 ND 0.0500 1 07/16/24 07/17/24 ND 0.0250 1 07/16/24 07/17/24 mg/kg mg/kg Analyst: BA ND 20.0 1 07/16/24 07/17/24 mg/kg mg/kg Analyst: KM ND 25.0 1 07/17/24 07/17/24 ND 25.0 1 07/17/24 07/17/24 ND 50.0 1 07/17/24 07/17/24 ND 50.0 1 07/17/24 07/17/24 ND 50.0 0 0

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	7/17/2024 4:52:49PM

CP2 3.5'

		E407125-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	Ana	yst: 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	Ana	yst: 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	Ana	yst: DT		Batch: 2429038
Chloride	916	20.0	1	07/17/24	07/17/24	



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	7/17/2024 4:52:49PM

CP3-3.5'

		E407125-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
o,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	Anal	yst: 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	Anal	yst: 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	Anal	yst: DT		Batch: 2429038
Chloride	717	40.0	2	07/17/24	07/17/24	



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	7/17/2024 4:52:49PM

CPW1-3.5'

		E407125-04				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	An	alyst: 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	An	alyst: 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	An	alyst: DT		Batch: 2429038
Chloride	495	20.0	1	07/17/24	07/17/24	



Surrogate: 4-Bromochlorobenzene-PID

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

Plains TX, 79355-0247		Project Manager:		m Bynum				7	7/17/2024 4:52:49PM
		Volatile O	rganics b	y EPA 802	1B				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2429045-BLK1)]	Prepared: 0	7/16/24 An	alyzed: 07/17/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-Xylene	ND	0.0250							
o,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: 0	7/16/24 An	alyzed: 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			
-Xylene	4.77	0.0250	5.00		95.4	70-130			
o,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: 0	7/16/24 An	alyzed: 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	
-Xylene	4.70	0.0250	5.00		93.9	70-130	1.49	20	
o,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	



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

Plains TX, 79355-0247		Project Manager	r: To	m Bynum					7/17/2024 4:52:49PM	
	Non	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	
Blank (2429045-BLK1)							Prepared: 0	7/16/24	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: 0	7/16/24	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: 0	7/16/24	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				

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

RO			Analyst: KM
Rec			Alialyst. Kivi
Limits	RPD %	RPD Limit %	Notes
	Prepared: 0	07/16/24 A	nalyzed: 07/17/24
50-200			
	Prepared: 0	7/16/24 A	nalyzed: 07/17/24
38-132			
50-200			
	Prepared: 0	07/16/24 A	nalyzed: 07/17/24
38-132	4.22	20	
50-200			
	% 50-200 38-132 50-200	Limits RPD % % Prepared: 0 50-200 Prepared: 0 38-132 50-200 Prepared: 0 38-132 4.22	Limits RPD Limit % % % Prepared: 07/16/24 A 38-132 50-200 Prepared: 07/16/24 A 38-132 4.22 20



Chloride

254

QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		Laguna Salado 01058-0007	South #1				Reported:
Plains TX, 79355-0247		Project Manager	:	Tom Bynum					7/17/2024 4:52:49PM
		Anions	by EPA	A 300.0/9056A	4				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2429038-BLK1)							Prepared: 0	7/16/24 A	nalyzed: 07/16/24
Chloride	ND	20.0							
LCS (2429038-BS1)							Prepared: 0	7/16/24 A	nalyzed: 07/16/24
Chloride	254	20.0	250		102	90-110			
LCS Dup (2429038-BSD1)							Prepared: 0	7/16/24 A	nalyzed: 07/16/24

250

20.0

102

90-110

0.0354

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
Client:	Pima Envir

Chain	of	Custody
	-	

Page '	1 of	1
0		

Client: P	ima Env	ronment	tal Servi	ces	Bill To				La	ab U	se Onl	У		Ŧ		TA	T	EPA P	ogram
	Laguna			1	Attention: Devon Energy		Lab	WO	#		Job N			1D	2D	3D	Standard	CWA	SDWA
	lanager:				Address:		EU	LOI	12	5	0109			X					
	5614 N.				City, State, Zip	1					Analys	sis an	d Metho	d					RCRA
	e, Zip Ho		<u> 1. 88240</u>		Phone:	-											1		
	306-782-				Email:		015	015							1			State	
	om@pir	naoil.con	n		Pima Project # 1-275-3 (nLLB063	1140464)	by 8	by 8	121	09	0	0.00		Z	_		NM CO	UT AZ	TX
Report d					T into t roject ii	Distr.	ORO BO	ORO	3y 8(y 82	s 60.	de 3			¥		X		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		верос	BGDOC			Remarks	
11:34	7/15/2024	S	1	CP1-3.5'		1								Х					
11:46	7/15/2024	S	1	CP2-3.5'		2								X					
11:54	7/15/2024	S	1	CP3-3.5'		3								X					
12:00	7/15/2024	S	1	CPW1-3.5'		4								X					
											Ħ								
											1 1			+	-				
								-			\vdash			+					
Addition	al Instruc	tions:	Work	Order/Billing:	21136158														
				icity of this sample. I a	m aware that tampering with or intentionally mislabell al action. <u>Sampled</u> by:	ing the sample	e locati	on,			No. of the Control of						eived on ice the day °C on subsequent da		ed or received
Relinquishe	me H	to me	Date	16/24 Time	25 Received by: (Signature) ongoles	Date 7.lle:	14	Time	325	5	Rece	ived	on ice:		ab U	se On I	ly		
Relinquish	ed by: (Sign	ture)	Date 7-	1624 154	Received by: (Signature)	7.16·		Time	64	15	T1			T2			T3		
Relinquish	ed by: (Sign:	iture)	Date 7	16.24 Time	30 Received by: (Signature) Hell	Date 7-17-2	24	Time		00	AVG	Tem	p°C	4					
Sample Mat	rix: S - Soil, Se	l - Solid, Sg -		queous, O - Other		Containe	_							er gla	ss, v	- VOA			
					nless other arrangements are made. Hazardous atory with this COC. The liability of the laborator	samples will	be re	turne	d to cli	ient o	r dispos	ed of					eport for the an	alysis of the	above
	- Company of		200-1	CONTRACTOR OF THE PERSON			- /			C SCORE S	A 11 35 35 35 35		-	_	_				



envirotech Inc.

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

Envirotech Analytical Laboratory

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 th	ne sample ID match the COC?		Yes				
2. Does th	ne number of samples per sampling site location ma	tch the COC	Yes				
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: C	Couier		
4. Was the	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes	_			
5. Were al	Il samples received within holding time?		Yes				
	Note: Analysis, such as pH which should be conducted in	•				Comments	s/Resolution
С1- Л	i.e, 15 minute hold time, are not included in this disucssi	on.				<u>comment.</u>	7/XCSOIUTION
	COC indicate standard TAT or Expedited TAT?		Yes				
	COC indicate standard TAT, or Expedited TAT?		168				
Sample C	contersion of the cooler received?		Yes				
	was cooler received:						
• /	S .		Yes				
	e sample(s) received intact, i.e., not broken?		Yes				
	custody/security seals present?		No				
11. If yes,	were custody/security seals intact?		NA				
12. Was the	e sample received on ice? If yes, the recorded temp is 4°C. Note: Thermal preservation is not required, if samples ar minutes of sampling		Yes				
13. If no v	visible ice, record the temperature. Actual sample	temperature: 4°0	<u>C</u>				
Sample C	Container						
	queous VOC samples present?		No				
15. Are V	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
17. Was a	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers	?	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field Lab	pel						
20. Were	— field sample labels filled out with the minimum info	ormation:					
Sa	ample ID?		Yes				
	ate/Time Collected?		Yes	'	L		
	ollectors name?		No				
-	reservation		NT.				
	the COC or field labels indicate the samples were p	reserved?	No				
	ample(s) correctly preserved? filteration required and/or requested for dissolved n	antolo?	NA				
	1	netals?	No				
	se Sample Matrix	-					
	the sample have more than one phase, i.e., multipha		No				
27. If yes,	does the COC specify which phase(s) is to be analy	yzed?	NA				
Subcontr	act Laboratory						
28. Are sa	amples required to get sent to a subcontract laborato	ry?	No				
29. Was a	subcontract laboratory specified by the client and i	f so who?	NA	Subcontract Lab	o: NA		
Client In	<u>istruction</u>						

Date

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

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: E407126

Job Number: 01058-0007

Received: 7/17/2024

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 7/17/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

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

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

Date Reported: 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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Laboratory Technical Representative Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com



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Sample Summary

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

CN1-3.5' E407126-01

		E40/120-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY	<u>-</u>	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		88.2 %	70-130	07/16/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2429048
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/16/24	07/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.7 %	70-130	07/16/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: 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		102 %	50-200	07/17/24	07/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2429039
Chloride	6980	400	20	07/17/24	07/17/24	

Sample Data

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	7/17/2024 4:50:37PM

CN2-3.5'

		E407126-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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		89.8 %	70-130	07/16/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: IY		Batch: 2429048
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/16/24	07/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.6 %	70-130	07/16/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: 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		82.4 %	50-200	07/17/24	07/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: 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	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/17/2024 4:50:37PM

CNW1-3.5'

		E407126-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	Anal	yst: 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	Anal	yst: 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	Anal	yst: DT		Batch: 2429039
Chloride	4770	100	5	07/17/24	07/17/24	



Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

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

Plains TX, 79355-0247		Project Number: Project Manager:		om Bynum					7/17/2024 4:50:37PM
		Volatile O	rganics b	y EPA 802	21B				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2429048-BLK1)						I	Prepared: 07	7/16/24 Aı	nalyzed: 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)						I	Prepared: 07	7/16/24 Aı	nalyzed: 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)						I	Prepared: 07	7/16/24 Aı	nalyzed: 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	

70-130



Surrogate: 1-Chloro-4-fluorobenzene-FID

8.64

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

Plains TX, 79355-0247		Project Manager		m Bynum				7/1	7/2024 4:50:37PM
	Non	halogenated	Organics l	by EPA 80	15D - G	RO		1	Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2429048-BLK1)							Prepared: 0	7/16/24 Analy	vzed: 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: 0	7/16/24 Analy	zed: 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: 0	7/16/24 Analy	zed: 07/17/24
Gasoline Range Organics (C6-C10)	51.6	20.0	50.0		103	70-130	1.48	20	

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

Plains TX, 79355-0247		Project Manager	r: To	m Bynum				7	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	
	mg/kg	mg/kg	mg/kg		70		70		Notes	
Blank (2429036-BLK1)							Prepared: 0	7/16/24 An	alyzed: 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: 0	7/16/24 An	alyzed: 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: 0	7/16/24 An	alyzed: 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				

251

LCS Dup (2429039-BSD1)

Chloride

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

20

QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		Laguna Salado S 1058-0007	South #1				Reported:
Plains TX, 79355-0247		Project Manager:	Т	Com Bynum					7/17/2024 4:50:37PM
		Anions 1	by EPA	300.0/9056 <i>A</i>	1				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2429039-BLK1)						1	Prepared: 0	7/16/24 Aı	nalyzed: 07/16/24
Chloride	ND	20.0							
LCS (2429039-BS1)]	Prepared: 0	7/16/24 Aı	nalyzed: 07/16/24
Chloride	252	20.0	250		101	90-110			

250

20.0

100

90-110

0.685

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

Client: Pima Environmental Services

Project: Laguna Salado South #1

Address: 5614 N. Lovington Hwy.

City, State, Zip Hobbs, NM, 88240

S

S

S

No. of

Containers

1

1

1

Sample ID

CN1-3.5'

CN2-3.5'

CNW1-3.5'

Project Manager: Tom Bynum

Phone: 806-782-1151

Report due by:

Sampled

Email: tom@pimaoil.com

Sampled

7/15/2024

7/15/2024

7/15/2024

Attention: Devon Energy

Address:

Phone:

Email:

City, State, Zip

Bill To

Pima Project # 1-275-1 (nAB1506157520)

Lab Use Only

Lab WO#

F407 126

GRO/DRO by 8015

Lab

Number

BTEX by 802. VOC by 8260 Metals 6010

Job Number

01058-0007

Chloride 300.0

Analysis and Method

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 mislabed date or time of collection is considered fraud and may be grounds for legal action. Sampled by:	elling the sample location, Samples requiring thermal preservation must be received on ice the day they are sampled or repacked in ice at an avg temp above 0 but less than 6 °C on subsequent days.	received
Relinquished by: (Signature) Date 1/24 Time 75 Received by: (Signature) on alex	8 7-1624 Time Lab Use Only Received on ice: (Y) / N	
Redinquished by (Signature) Date Time Received by: (Signature) 1545 Received by: (Signature)	7.16.24 Time 72 T3	
Relinquished by: (Signature) Date 7.16.24 Time Received by: (Signature) Lighth Received by: (Signature)	7-17-21 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. Hazardou samples is applicable only to those samples received by the laboratory with this COC. The liability of the laborator	us samples will be returned to client or disposed of at the client expense. The report for the analysis of the abov ory is limited to the amount paid for on the report.	/e



TAT

1D 2D

X

BGDOC

X

X

X

envirotech Inc.

Printed: 7/17/2024 12:56:06PM

Envirotech Analytical Laboratory

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)						
	ne sample ID match the COC?		Yes				
2. Does th	ne number of samples per sampling site location mat	tch the COC	Yes				
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: C	Couier		
4. Was the	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes				
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted ir i.e, 15 minute hold time, are not included in this disucssi		Yes			Comments	s/Resolution
Sample T	Curn Around Time (TAT)						
	COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C	•						
	sample cooler received?		Yes				
	was cooler received in good condition?		Yes				
• /	e sample(s) received intact, i.e., not broken?						
			Yes				
	custody/security seals present?		No				
•	, were custody/security seals intact?		NA				
12. Was th	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling		Yes				
13. If no	visible ice, record the temperature. Actual sample	temperature: 4°0	<u> </u>				
Sample C	<u>Container</u>						
14. Are a	queous VOC samples present?		No				
15. Are V	OC 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 n	on-VOC samples collected in the correct containers'	?	Yes				
19. Is the	appropriate volume/weight or number of sample contain	ners collected?	Yes				
Field Lab	<u>oel</u>						
20. Were	field sample labels filled out with the minimum info	ormation:					
	ample ID?		Yes				
	ate/Time Collected?		Yes	'			
	ollectors name?		No				
	<u>Preservation</u> the COC or field labels indicate the samples were pr	ragamiad9	No				
		reserveu?	No NA				
	ample(s) correctly preserved? filteration required and/or requested for dissolved m	antolo?	No				
		iciais:	NO				
	se Sample Matrix						
	the sample have more than one phase, i.e., multipha		No				
27. If yes	, does the COC specify which phase(s) is to be analy	yzed?	NA				
Subcontr	act Laboratory						
28. Are sa	amples required to get sent to a subcontract laborato	ry?	No				
29. Was a	subcontract laboratory specified by the client and it	f so who?	NA	Subcontract Lab	o: NA		
Client Ir	nstruction_						
							

Date

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

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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

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 395935

QUESTIONS

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

Phone: (505) 476-3470 Fax: (505) 476-3462	•
QUEST	IONS (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	positive horse and the true valid 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.
	liation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of evaluation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for relethe OCD does not relieve the operator of liability should their operations have failed to	knowledge and understand that pursuant to OCD rules and regulations all operators are required asses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface it does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com

Date: 10/25/2024

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QUESTIONS, Page 3

Action 395935

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	395935
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization		
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 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	
Please answer all the questions that apply or are indicated. This information must be prov	vided to the appropriate district office no later than 90 days after the release discovery date.
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contar	mination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each	n, in milligrams per kilograms.)
Chloride (EPA 300.0 or SM4500 CI 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
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes cowhich includes the anticipated timelines for beginning and completing the remediation.	ompleted efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,
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
These estimated dates and measurements are recognized to be the best guess or calculation	ion at the time of submission and may (be) change(d) over time as more remediation efforts are completed.
The OCD recognizes that proposed remediation measures may have to be minimally adjus	sted 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.

District I

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

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

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QUESTIONS, Page 4

Action 395935

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	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@dvn.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.

District III

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

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

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

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QUESTIONS, Page 5

Action 395935

QUESTIONS (continued)

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

District I

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

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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, Page 6

Action 395935

QUESTIONS (continued)

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

I hereby agree and sign off to the above statement

Email: jim.raley@dvn.com

Date: 10/25/2024

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QUESTIONS, Page 7

Action 395935

QUESTIONS (continued)

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