



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

May 19, 2022

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

Bureau of Land Management
 620 East Green Street
 Carlsbad, NM 88220

Re: Site Assessment, Remediation, and Closure Report
South Boyd Federal Com #018H
API No. 30-015-44685
GPS: Latitude 32.623037 Longitude -104.468331
ULSTR - B-34-T19S-R25E
Eddy County, NM
NMOCD Ref. No. NAPP2211547100

Spur Energy Partners (Spur) has contracted Pima Environmental Services, LLC (Pima) to perform a spill assessment, remediation, and submit this closure report for a crude oil/produced water mixed release that occurred at the South Boyd Federal Com #018H (South Boyd). The initial C-141 was submitted on June 6, 2022 (Appendix C). This incident was assigned Incident ID NAPP2211547100, by the New Mexico Oil Conservation Division (NMOCD).

Site Characterization

The South Boyd is located approximately fifteen (15) miles south of Artesia, NM. This spill site is in Unit B, Section 34, Township 19S, Range 25E, Latitude 32.622679 Longitude -104.468330, Eddy County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is made up of Piedmont alluvial deposits. Includes deposits of higher gradient tributaries bordering major stream valleys, alluvial veneers of the piedmont slope, and alluvial fans. May locally include uppermost Pliocene deposits. The soil in this area is made up of Reagan-Upton association, 0 to 9 percent slopes according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage courses in this area are well-drained. There is a high potential for karst geology to be present around the South Boyd (Figure 3).

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is 60 feet below grade surface (BGS). According to the United States Geological Survey (USGS), the nearest groundwater is 238 feet BGS. The closest waterway is Brantley Lake located approximately 4.8 miles to the southeast of this location. See Appendix A for referenced water surveys.

Table 1 NMAC and Closure Criteria 19.15.29

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

Reference Figure 2 for a Topographic Map.

Release Information

NAPP2211547100: On April 4, 2022, A Heater Treater fire tube leak on the South Boyd Federal Com #018H. The volume of the release was calculated to be approximately 4 barrels (bbls) of produced water and approximately 4 barrels (bbls) of Crude Oil. A vacuum truck was able to recover approximately 6 bbls of total fluid.

Site Assessment and Soil Sampling Results

On April 26, 2022, Pima mobilized personnel to the site to assess the area. We sampled the impacted area. Laboratory results of this sampling event can be found in the following data table. A Site Map can be found in Figure 4.

4-26-2022 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC - DTGW is <50' (High Karst)								
Spur Energy - South Boyd Fed Com #18H								
Date 4/26/2022		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	CI mg/kg
S 1	Surface	2.23	0.0251	54.6	16400	4900	21354.6	22300
	2'	ND	ND	ND	ND	ND	0	782
	3'	ND	ND	ND	25.4	ND	25.4	245
S 2	Surface	ND	0.0255	ND	ND	ND	0	24500
	2'	ND	ND	ND	ND	ND	0	446
S 3	Surface	1.81	ND	23.9	5740	2090	7853.9	26400
	2'	ND	ND	ND	ND	ND	0	283
SW 1	2'	ND	ND	ND	ND	ND	0	ND
SW 2	1'	ND	ND	ND	ND	ND	0	ND
SW 3	1'	ND	ND	ND	ND	ND	0	ND
SW 4	2'	ND	ND	ND	ND	ND	0	ND
BG 1	Surface	ND	ND	ND	ND	ND	0	ND
BG 2	Surface	ND	ND	ND	ND	ND	0	ND

ND- Analyte Not Detected

Remediation Activities

On May 9, 2022, Pima returned to the site to remediate the area by excavating the contaminated soil. A total of approximately 65 cubic yards of contaminated material was removed by hands with hand tools. See Appendix D for Photographic Documentation.

On May 21, 2022, after sending a 48-hour notification, Pima returned to collect confirmation samples of the excavated area. The laboratory results of this sampling event can be found in the following table. A Confirmation Sample Map can be found in Figure 5.

5-21-2022 Confirmation Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC - DTGW is <50' (High Karst)								
Spur Energy - South Boyd Fed Com #18H								
Date 5/21/2022		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	CI mg/kg
CS-1	2.5'	ND	ND	ND	ND	ND	0	21.6
CS-2	2.5'	ND	ND	ND	ND	ND	0	21.2
CS-3	1.5'	ND	ND	ND	ND	ND	0	ND
CS-4	1'	ND	ND	ND	ND	ND	0	ND
CS-5	1'	ND	ND	ND	ND	ND	0	ND
CS-6	1'	ND	ND	ND	ND	ND	0	ND
CSW-1	2.5'	ND	ND	ND	ND	ND	0	ND
CSW-2	2'	ND	ND	ND	ND	ND	0	ND
CSW-3	1'	ND	ND	ND	ND	ND	0	ND
CSW-4	1'	ND	ND	ND	ND	ND	0	ND
CSW-5	1'	ND	ND	ND	ND	ND	0	ND
CSW-6	1'	ND	ND	ND	ND	ND	0	ND
CSW-7	1'	ND	ND	ND	ND	ND	0	ND
CSW-8	2.5'	ND	ND	ND	ND	ND	0	ND

ND – Analyte Not Detected

Complete laboratory reports can be found in Appendix E.

Based on the sample results, the bottom and sidewalls were below NMOCD Closure Criteria 19.15.29 NMAC. The contaminated material was transported to Lea Land, a NMOCD approved disposal site. The excavation was then backfilled with clean like material, machine compacted and contoured to match the surrounding terrain.

Closure Request

After careful review, Pima requests that this incident, NAPP2211547100 be closed. Spur has complied with the applicable closure requirements set forth in rule 19.15.19.12 NMAC.

Should you have any questions or need additional information, please feel free to contact Gio Gomez at 806-782-1151 or gio@pimaoil.com.

Respectfully,

Gio Gomez

Gio Gomez
Environmental Project Manager
Pima Environmental Services, LLC

Attachments

Figures:

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

Appendices:

- Appendix A – Referenced Water Surveys
- Appendix B – Soil Survey and Geological Data
- Appendix C – C-141 Form & 48-Hour Notification
- Appendix D – Photographic Documentation
- Appendix E – Laboratory Reports



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Figures:

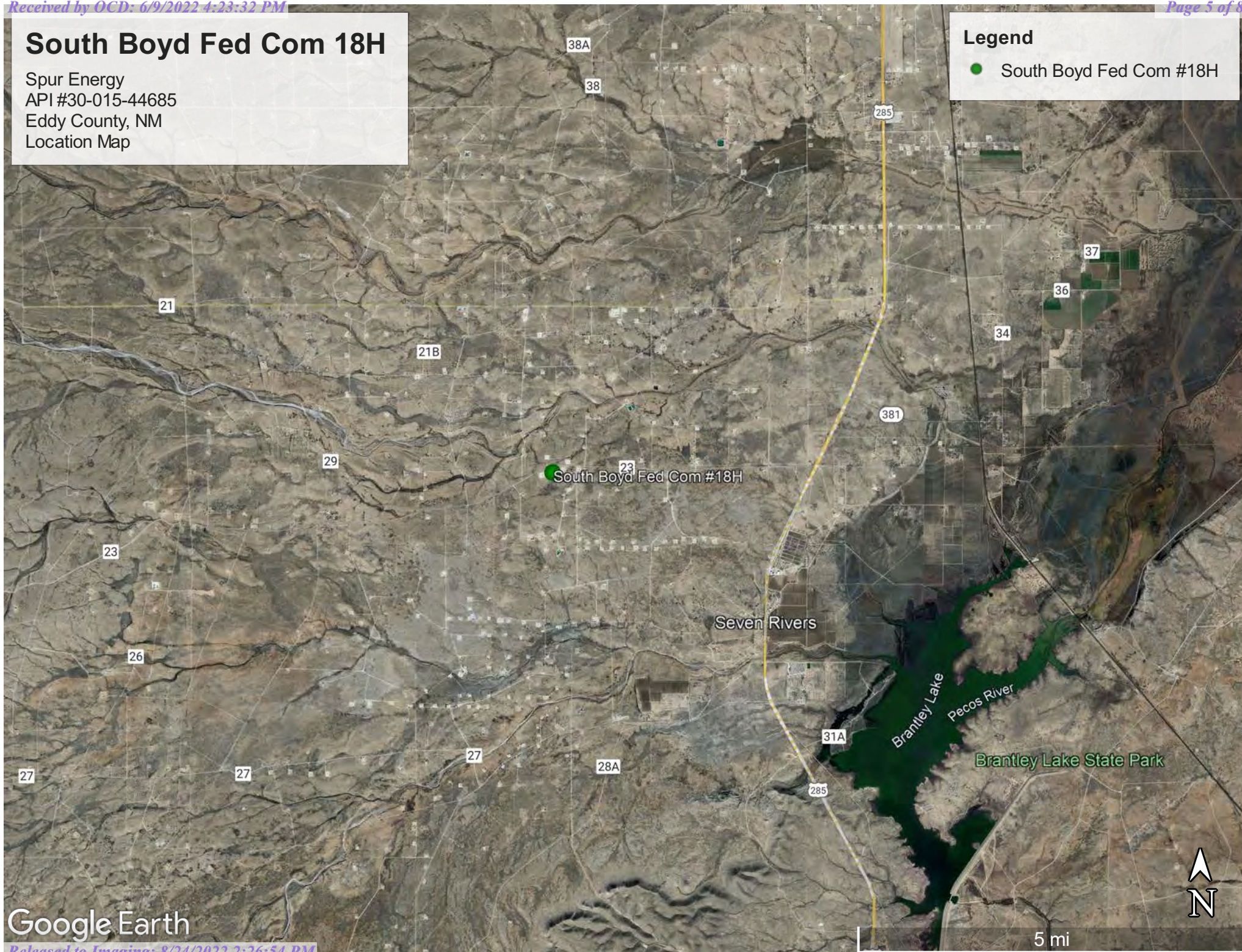
- 1 - Location Map
- 2 - Topographic Map
- 3 - Karst Map
- 4 - Site Map
- 5 - Confirmation Sample Map

South Boyd Fed Com 18H

Spur Energy
API #30-015-44685
Eddy County, NM
Location Map

Legend

● South Boyd Fed Com #18H



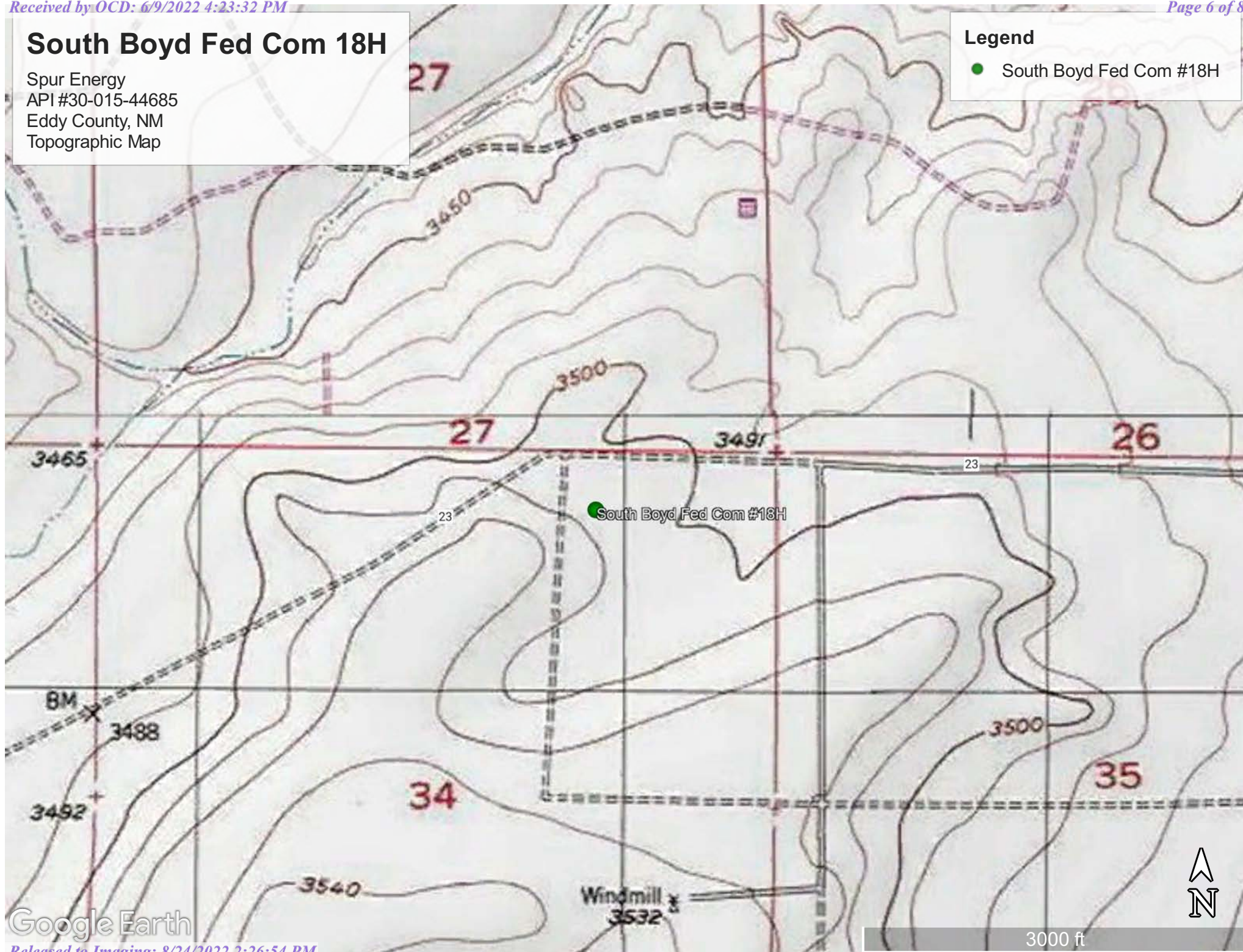
Google Earth

South Boyd Fed Com 18H

Spur Energy
API #30-015-44685
Eddy County, NM
Topographic Map

Legend

- South Boyd Fed Com #18H



South Boyd Fed Com 18H

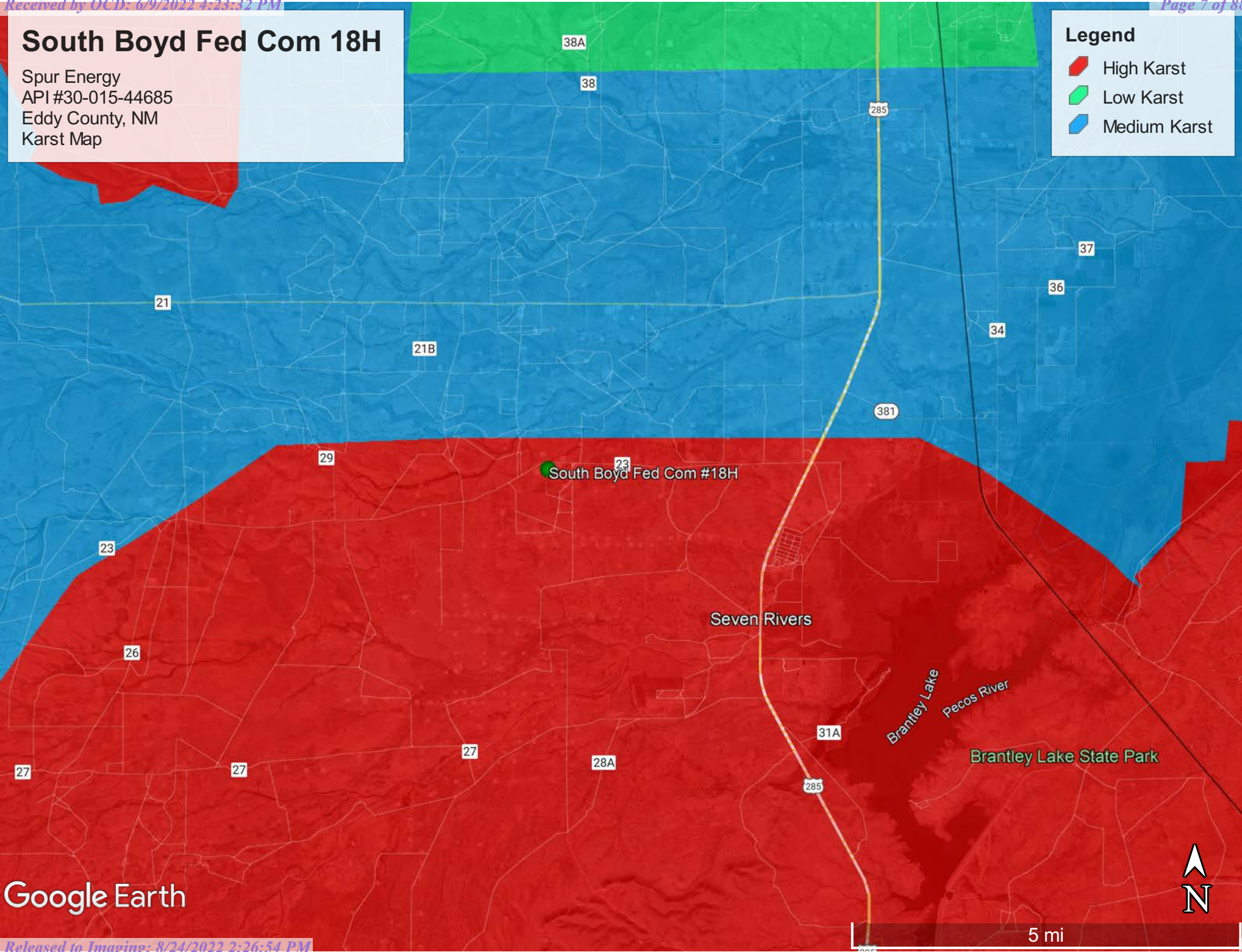
Spur Energy
API #30-015-44685
Eddy County, NM
Karst Map

Legend

High Karst

Low Karst

Medium Karst



Google Earth

5 mi

South Boyd Fed Com 18H

Spur Energy
API #30-015-44685
Eddy County, NM
Site Map

Legend

- Backgrounds
- Samples
- Sidewalls
- Spill Area-1,300sqft



Google Earth

South Boyd Fed Com 18H

Spur Energy
API #30-015-44685
Eddy County, NM
Confirmation Sample Map

Legend

- Confirmation Bottoms
- Confirmation Sidewalls
- Spill Area-1,300sqft





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Appendix A

Water Surveys:

OSE

USGS

Surface Water Map



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
RA 02958		RA	ED	1	4	34	19S	25E		549681	3608740*	723	450		
RA 03018		RA	ED	3	2	4	34	19S	25E	549987	3608639*	786	530		
RA 03304		RA	ED		1	27	19S	25E		549081	3610973*	1762	130	60	70
RA 08986		RA	ED	1	3	3	22	19S	25E	548825	3611507	2354	320	220	100
RA 02909		RA	ED		1	3	22	19S	25E	548864	3611989*	2774	188	130	58
RA 10496		RA	ED	3	3	4	25	19S	25E	552801	3609865*	2914	110	40	70
RA 10155		RA	ED	4	3	4	25	19S	25E	553001	3609865*	3112	225	60	165
RA 10898 POD1		RA	ED	2	1	3	01	20S	25E	552198	3607248*	3149	810	121	689
RA 10779		RA	ED	1	3	2	10	20S	25E	549580	3606026*	3413	1300		
RA 05458		RA	ED		3	3	01	20S	25E	552101	3606747*	3452	500	95	405
RA 13122 POD2		RA	ED	3	3	2	21	19S	25E	547996	3612385	3532	108	102	6
RA 13122 POD1		RA	ED	1	3	2	21	19S	25E	547935	3612424	3598			
RA 10817		RA	ED	1	1	1	12	20S	25E	552002	3606443*	3635	743	102	641
RA 07026		RA	ED		3	3	30	19S	26E	553699	3609975*	3818	135	105	30

Average Depth to Water: **103 feet**

Minimum Depth: **40 feet**

Maximum Depth: **220 feet**

Record Count: 14

UTMNAD83 Radius Search (in meters):

Easting (X): 549920.27

Northing (Y): 3609422.97

Radius: 4000

*UTM location was derived from PLSS - see Help

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

6/1/22 3:38 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER



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

National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater

Geographic Area:

United States

GO

Click to hide News Bulletins

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

Groundwater levels for the Nation

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

Search Results -- 1 sites found

site_no list =

- 323701104275301

Minimum number of levels = 1

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

USGS 323701104275301 19S.25E.34.423224

Available data for this site

Groundwater: Field measurements

GO

Eddy County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°37'01", Longitude 104°27'53" NAD27

Land-surface elevation 3,528 feet above NAVD88

The depth of the well is 530 feet below land surface.

This well is completed in the Roswell Basin aquifer system (S400RSWLBS) national aquifer.

This well is completed in the Grayburg Formation of Artesia Group (313GRBG) local aquifer.

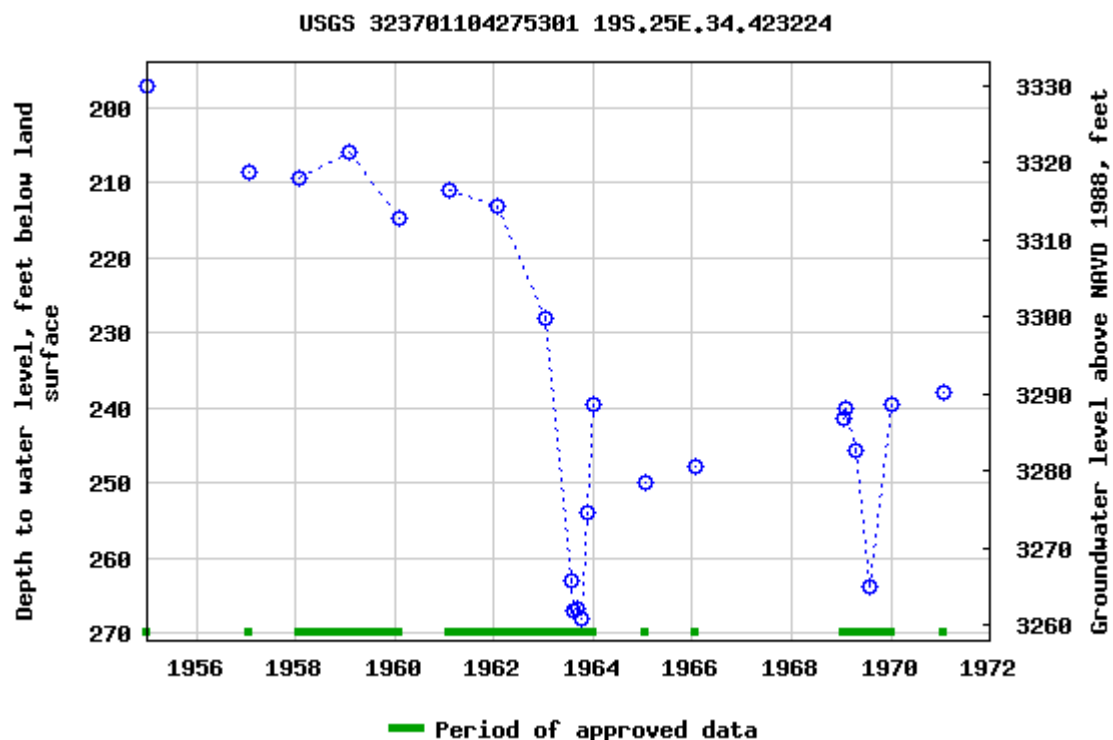
Output formats

[Table of data](#)

[Tab-separated data](#)

[Graph of data](#)

[Reselect period](#)



Breaks in the plot represent a gap of at least one year between field measurements.
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Title: Groundwater for USA: Water Levels

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

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

Page Last Modified: 2022-04-26 17:46:38 EDT



0.6 0.53 nadww02



South Boyd Fed Com 18H

Spur Energy
API #30-015-44685
Eddy County, NM
Surface Water Map

Legend

-  4.8 Miles
-  Brantley Lake

South Boyd Fed Com #18H

Balzano Family Vineyard & Pumpkin Patch

Seven Rivers

Brantley Lake

Carlsbad KOA Holiday

Google Earth

1 mi





Pima Environmental Services

Appendix B

Soil Survey & Geological Data

FEMA Flood Map

Map Unit Description: Reagan-Upton association, 0 to 9 percent slopes---Eddy Area, New Mexico

Eddy Area, New Mexico

RE—Reagan-Upton association, 0 to 9 percent slopes

Map Unit Setting

National map unit symbol: 1w5d

Elevation: 1,100 to 5,400 feet

Mean annual precipitation: 6 to 14 inches

Mean annual air temperature: 60 to 64 degrees F

Frost-free period: 180 to 240 days

Farmland classification: Farmland of statewide importance

Map Unit Composition

Reagan and similar soils: 70 percent

Upton and similar soils: 25 percent

Minor components: 5 percent

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

Description of Reagan

Setting

Landform: Fan remnants, alluvial fans

Landform position (three-dimensional): Rise

Down-slope shape: Convex, linear

Across-slope shape: Linear

Parent material: Alluvium and/or eolian deposits

Typical profile

H1 - 0 to 8 inches: loam

H2 - 8 to 60 inches: loam

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: Low

Capacity of the most limiting layer to transmit water

(Ksat): Moderately high to high (0.60 to 2.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 40 percent

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

Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Moderate (about 8.2 inches)

Interpretive groups

Land capability classification (irrigated): 2e

Land capability classification (nonirrigated): 6e

Map Unit Description: Reagan-Upton association, 0 to 9 percent slopes---Eddy Area, New Mexico

Hydrologic Soil Group: B
Ecological site: R070DY153NM - Loamy
Hydric soil rating: No

Description of Upton

Setting

Landform: Ridges, fans
Landform position (three-dimensional): Side slope, rise
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Residuum weathered from limestone

Typical profile

H1 - 0 to 9 inches: gravelly loam
H2 - 9 to 13 inches: gravelly loam
H3 - 13 to 21 inches: cemented
H4 - 21 to 60 inches: very gravelly loam

Properties and qualities

Slope: 0 to 9 percent
Depth to restrictive feature: 7 to 20 inches to petrocalcic
Drainage class: Well drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Low to moderately high (0.01 to 0.60 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 75 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Very low (about 1.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: D
Ecological site: R070DY159NM - Shallow Loamy
Hydric soil rating: No

Minor Components

Atoka

Percent of map unit: 3 percent
Ecological site: R042XC007NM - Loamy
Hydric soil rating: No

Pima

Percent of map unit: 2 percent
Ecological site: R042XC017NM - Bottomland

Map Unit Description: Reagan-Upton association, 0 to 9 percent slopes---Eddy Area, New Mexico

Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 17, Sep 12, 2021

National Flood Hazard Layer FIRMette



104°28'25"W 32°37'37"N



0 250 500 1,000 1,500 2,000 Feet 1:6,000 104°27'48"W 32°37'7"N

Legend

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

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

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

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

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

OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance
		17.5 Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 4/26/2022 at 5:10 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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



Pima Environmental Services

Appendix C

C-141 Form

48-Hour Notification

District I
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
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural
Resources Department

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

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	NAPP2211547100
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	Spur Energy Partners, LLC	OGRID	328947
Contact Name	Chad Hensley	Contact Telephone	(346) 339-1494
Contact email	chensley@spurenergy.com	Incident # (assigned by OCD)	
Contact mailing address	9655 Katy Freeway, Suite 500, Houston, TX 77024		

Location of Release Source

Latitude 32.623094 Longitude -104.468346
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	SOUTH BOYD FEDERAL COM #018H	Site Type	
Date Release Discovered		API# (if applicable)	30-015-44685

Unit Letter	Section	Township	Range	County
B	34	19S	25E	Eddy

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (Name: _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 4	Volume Recovered (bbls) 3
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 4	Volume Recovered (bbls) 3
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

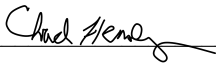
Heater treater fire tube leak.

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
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.	
Printed Name: <u>Chad Hensley</u>	Title: <u>EHS Coordinator</u>
Signature: <u></u>	Date: <u>06/02/2022</u>
email: <u>chensley@spurenergy.com</u>	Telephone: <u>(346) 339-1494</u>
<u>OCD Only</u>	
Received by: _____	Date: _____

Incident ID	NAPP2211547100
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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?	<u>60</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: *Each of the following items must be included in the report.*

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☒ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody


If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	NAPP2211547100
District RP	
Facility ID	
Application ID	

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.

Printed Name: Chad Hensley Title: HSE Coordinator
Signature:  Date: 6/9/2022
email: chensley@spurenergy.com Telephone: (346) 339-1494

OCD Only

Received by: _____ Date: _____

Incident ID	NAPP2211547100
District RP	
Facility ID	
Application ID	

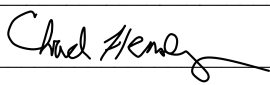
Closure

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 (electronic submittals in .pdf format are preferred) 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.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

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.

Printed Name: Chad Hensley Title: HSE Coordinator
Signature:  Date: 6/9/2022
email: chensley@spurenergy.com Telephone: (346) 339-1494

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by:  Date: 08/24/2022
Printed Name: Jennifer Nobui Title: Environmental Specialist A

From: [Gio PimaOil](#)
To: ocdonline@state.nm.us; [Tom Pima Oil](#); [Ned Pima Oil](#)
Subject: NAPP2211547100 Sampling Confirmation
Date: Thursday, May 19, 2022 2:01:16 PM

Good Afternoon,

Pima Environmental would like to notify you that we will be collecting confirmation samples at the South Boyd for incident NAPP2211547100. Pima personnel are scheduled to be on site for this sampling event at approximately 7:00 a.m. on Saturday, May 21, 2022. If you have any questions or concerns, please let me know. Thank you.

--

Gio Gomez
Environmental Project Manager
cell-806-782-1151
Office- 575-964-7740
Pima Environmental Services, LLC.



Pima Environmental Services

Appendix D

Photographic Documentation



**SITE PHOTOGRAPHS
SPUR ENERGY PARTNERS
SOUTH BOYD FED COM #18H**

Pre-Treatment







Remediation









Post Treatment







Pima Environmental Services

Appendix E

Laboratory Reports

Report to:
Tom Bynum



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: South Boyd 18

Work Order: E204148

Job Number: 21064-0001

Received: 4/27/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/3/22

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 5/3/22

Tom Bynum
PO Box 247
Plains, TX 79355-0247



Project Name: South Boyd 18
Workorder: E204148
Date Received: 4/27/2022 7:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/27/2022 7:00:00AM, under the Project Name: South Boyd 18.

The analytical test results summarized in this report with the Project Name: South Boyd 18 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

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

Field Offices:

Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	South Boyd 18	Reported: 05/03/22 17:20
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1 - Surface	E204148-01A	Soil	04/26/22	04/27/22	Glass Jar, 4 oz.
S1 - 2'	E204148-02A	Soil	04/26/22	04/27/22	Glass Jar, 4 oz.
S1 - 3'	E204148-03A	Soil	04/26/22	04/27/22	Glass Jar, 4 oz.
S2 - Surface	E204148-04A	Soil	04/26/22	04/27/22	Glass Jar, 4 oz.
S2 - 2'	E204148-05A	Soil	04/26/22	04/27/22	Glass Jar, 4 oz.
S3 - Surface	E204148-06A	Soil	04/26/22	04/27/22	Glass Jar, 4 oz.
S3 - 2'	E204148-07A	Soil	04/26/22	04/27/22	Glass Jar, 4 oz.
SW1	E204148-08A	Soil	04/26/22	04/27/22	Glass Jar, 4 oz.
SW2	E204148-09A	Soil	04/26/22	04/27/22	Glass Jar, 4 oz.
SW3	E204148-10A	Soil	04/26/22	04/27/22	Glass Jar, 4 oz.
SW4	E204148-11A	Soil	04/26/22	04/27/22	Glass Jar, 4 oz.
BG - 1	E204148-12A	Soil	04/26/22	04/27/22	Glass Jar, 4 oz.
BG - 2	E204148-13A	Soil	04/26/22	04/27/22	Glass Jar, 4 oz.



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: South Boyd 18 Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 5/3/2022 5:20:48PM
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S1 - Surface

E204148-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2218059	
Benzene	0.0251	0.0250	1	04/29/22	05/03/22	
Ethylbenzene	0.585	0.0250	1	04/29/22	05/03/22	
Toluene	0.0711	0.0250	1	04/29/22	05/03/22	
o-Xylene	1.05	0.0250	1	04/29/22	05/03/22	
p,m-Xylene	1.19	0.0500	1	04/29/22	05/03/22	
Total Xylenes	2.23	0.0250	1	04/29/22	05/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	147 %	70-130		04/29/22	05/03/22	S5
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2218059	
Gasoline Range Organics (C6-C10)	54.6	20.0	1	04/29/22	05/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.7 %	70-130		04/29/22	05/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2218051	
Diesel Range Organics (C10-C28)	16400	1250	50	04/29/22	05/01/22	
Oil Range Organics (C28-C36)	4900	2500	50	04/29/22	05/01/22	
<i>Surrogate: n-Nonane</i>						
	107 %	50-200		04/29/22	05/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: CS		Batch: 2219006	
Chloride	22300	2000	100	05/02/22	05/02/22	



Sample Data

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

Project Name: South Boyd 18
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
5/3/2022 5:20:48PM

S1 - 2'

E204148-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2218059
Benzene	ND	0.0250	1	04/29/22	05/02/22	
Ethylbenzene	ND	0.0250	1	04/29/22	05/02/22	
Toluene	ND	0.0250	1	04/29/22	05/02/22	
o-Xylene	ND	0.0250	1	04/29/22	05/02/22	
p,m-Xylene	ND	0.0500	1	04/29/22	05/02/22	
Total Xylenes	ND	0.0250	1	04/29/22	05/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.3 %	70-130		04/29/22	05/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2218059
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/29/22	05/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.8 %	70-130		04/29/22	05/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2218051
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/22	05/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/22	05/01/22	
<i>Surrogate: n-Nonane</i>						
	99.3 %	50-200		04/29/22	05/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: CS		Batch: 2219006
Chloride	782	20.0	1	05/02/22	05/02/22	



Sample Data

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

Project Name: South Boyd 18
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
5/3/2022 5:20:48PM

S1 - 3'

E204148-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2218059
Benzene	ND	0.0250	1	04/29/22	05/03/22	
Ethylbenzene	ND	0.0250	1	04/29/22	05/03/22	
Toluene	ND	0.0250	1	04/29/22	05/03/22	
o-Xylene	ND	0.0250	1	04/29/22	05/03/22	
p,m-Xylene	ND	0.0500	1	04/29/22	05/03/22	
Total Xylenes	ND	0.0250	1	04/29/22	05/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	04/29/22	05/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2218059
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/29/22	05/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.6 %	70-130	04/29/22	05/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2218051
Diesel Range Organics (C10-C28)	25.4	25.0	1	04/29/22	05/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/22	05/01/22	
<i>Surrogate: n-Nonane</i>						
		101 %	50-200	04/29/22	05/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: CS		Batch: 2219006
Chloride	245	20.0	1	05/02/22	05/02/22	



Sample Data

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

Project Name: South Boyd 18
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
5/3/2022 5:20:48PM

S2 - Surface

E204148-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2218059
Benzene	ND	0.0250	1	04/29/22	05/03/22	
Ethylbenzene	0.0255	0.0250	1	04/29/22	05/03/22	
Toluene	0.0302	0.0250	1	04/29/22	05/03/22	
o-Xylene	ND	0.0250	1	04/29/22	05/03/22	
p,m-Xylene	ND	0.0500	1	04/29/22	05/03/22	
Total Xylenes	ND	0.0250	1	04/29/22	05/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		105 %	70-130	04/29/22	05/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2218059
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/29/22	05/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		88.0 %	70-130	04/29/22	05/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2218051
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/22	05/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/22	05/01/22	
<i>Surrogate: n-Nonane</i>						
		100 %	50-200	04/29/22	05/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: CS		Batch: 2219006
Chloride	24500	2000	100	05/02/22	05/02/22	



Sample Data

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

Project Name: South Boyd 18
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
5/3/2022 5:20:48PM

S2 - 2'

E204148-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2218059	
Benzene	ND	0.0250	1	04/29/22	05/03/22	
Ethylbenzene	ND	0.0250	1	04/29/22	05/03/22	
Toluene	ND	0.0250	1	04/29/22	05/03/22	
o-Xylene	ND	0.0250	1	04/29/22	05/03/22	
p,m-Xylene	ND	0.0500	1	04/29/22	05/03/22	
Total Xylenes	ND	0.0250	1	04/29/22	05/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	105 %	70-130		04/29/22	05/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2218059	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/29/22	05/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	87.9 %	70-130		04/29/22	05/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2218051	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/22	05/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/22	05/01/22	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		04/29/22	05/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: CS		Batch: 2219006	
Chloride	446	20.0	1	05/02/22	05/02/22	



Sample Data

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

Project Name: South Boyd 18
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
5/3/2022 5:20:48PM

S3 - Surface

E204148-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2218059
Benzene	ND	0.0250	1	04/29/22	05/03/22	
Ethylbenzene	0.785	0.0250	1	04/29/22	05/03/22	
Toluene	0.282	0.0250	1	04/29/22	05/03/22	
o-Xylene	0.687	0.0250	1	04/29/22	05/03/22	
p,m-Xylene	1.12	0.0500	1	04/29/22	05/03/22	
Total Xylenes	1.81	0.0250	1	04/29/22	05/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		117 %	70-130	04/29/22	05/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2218059
Gasoline Range Organics (C6-C10)	23.9	20.0	1	04/29/22	05/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		87.6 %	70-130	04/29/22	05/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2218051
Diesel Range Organics (C10-C28)	5740	250	10	04/29/22	05/02/22	
Oil Range Organics (C28-C36)	2090	500	10	04/29/22	05/02/22	
<i>Surrogate: n-Nonane</i>						
		122 %	50-200	04/29/22	05/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: CS		Batch: 2219006
Chloride	26400	2000	100	05/02/22	05/03/22	



Sample Data

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

Project Name: South Boyd 18
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
5/3/2022 5:20:48PM

S3 - 2'

E204148-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2218059	
Benzene	ND	0.0250	1	04/29/22	05/03/22	
Ethylbenzene	ND	0.0250	1	04/29/22	05/03/22	
Toluene	ND	0.0250	1	04/29/22	05/03/22	
o-Xylene	ND	0.0250	1	04/29/22	05/03/22	
p,m-Xylene	ND	0.0500	1	04/29/22	05/03/22	
Total Xylenes	ND	0.0250	1	04/29/22	05/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.2 %	70-130		04/29/22	05/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2218059	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/29/22	05/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.6 %	70-130		04/29/22	05/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2218051	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/22	05/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/22	05/01/22	
<i>Surrogate: n-Nonane</i>						
	92.8 %	50-200		04/29/22	05/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: CS		Batch: 2219006	
Chloride	283	20.0	1	05/02/22	05/02/22	



Sample Data

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

Project Name: South Boyd 18
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
5/3/2022 5:20:48PM

SW1

E204148-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2218059	
Benzene	ND	0.0250	1	04/29/22	05/03/22	
Ethylbenzene	ND	0.0250	1	04/29/22	05/03/22	
Toluene	ND	0.0250	1	04/29/22	05/03/22	
o-Xylene	ND	0.0250	1	04/29/22	05/03/22	
p,m-Xylene	ND	0.0500	1	04/29/22	05/03/22	
Total Xylenes	ND	0.0250	1	04/29/22	05/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.3 %	70-130		04/29/22	05/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2218059	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/29/22	05/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.5 %	70-130		04/29/22	05/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2218051	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/22	05/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/22	05/01/22	
<i>Surrogate: n-Nonane</i>						
	99.8 %	50-200		04/29/22	05/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: CS		Batch: 2219006	
Chloride	ND	20.0	1	05/02/22	05/02/22	



Sample Data

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

Project Name: South Boyd 18
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
5/3/2022 5:20:48PM

SW2

E204148-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2218059
Benzene	ND	0.0250	1	04/29/22	05/03/22	
Ethylbenzene	ND	0.0250	1	04/29/22	05/03/22	
Toluene	ND	0.0250	1	04/29/22	05/03/22	
o-Xylene	ND	0.0250	1	04/29/22	05/03/22	
p,m-Xylene	ND	0.0500	1	04/29/22	05/03/22	
Total Xylenes	ND	0.0250	1	04/29/22	05/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.1 %	70-130		04/29/22	05/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2218059
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/29/22	05/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.2 %	70-130		04/29/22	05/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2218051
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/22	05/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/22	05/01/22	
<i>Surrogate: n-Nonane</i>						
	98.8 %	50-200		04/29/22	05/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: CS		Batch: 2219006
Chloride	ND	20.0	1	05/02/22	05/02/22	



Sample Data

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

Project Name: South Boyd 18
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
5/3/2022 5:20:48PM

SW3

E204148-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2218059
Benzene	ND	0.0250	1	04/29/22	05/03/22	
Ethylbenzene	ND	0.0250	1	04/29/22	05/03/22	
Toluene	ND	0.0250	1	04/29/22	05/03/22	
o-Xylene	ND	0.0250	1	04/29/22	05/03/22	
p,m-Xylene	ND	0.0500	1	04/29/22	05/03/22	
Total Xylenes	ND	0.0250	1	04/29/22	05/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.2 %	70-130		04/29/22	05/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2218059
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/29/22	05/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.9 %	70-130		04/29/22	05/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2218051
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/22	05/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/22	05/01/22	
<i>Surrogate: n-Nonane</i>						
	86.0 %	50-200		04/29/22	05/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: CS		Batch: 2219006
Chloride	ND	20.0	1	05/02/22	05/02/22	



Sample Data

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

Project Name: South Boyd 18
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
5/3/2022 5:20:48PM

SW4

E204148-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2218059	
Benzene	ND	0.0250	1	04/29/22	05/03/22	
Ethylbenzene	ND	0.0250	1	04/29/22	05/03/22	
Toluene	ND	0.0250	1	04/29/22	05/03/22	
o-Xylene	ND	0.0250	1	04/29/22	05/03/22	
p,m-Xylene	ND	0.0500	1	04/29/22	05/03/22	
Total Xylenes	ND	0.0250	1	04/29/22	05/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.1 %	70-130		04/29/22	05/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2218059	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/29/22	05/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.8 %	70-130		04/29/22	05/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2218051	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/22	05/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/22	05/01/22	
<i>Surrogate: n-Nonane</i>						
	100 %	50-200		04/29/22	05/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: CS		Batch: 2219006	
Chloride	ND	20.0	1	05/02/22	05/02/22	



Sample Data

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

Project Name: South Boyd 18
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
5/3/2022 5:20:48PM

BG - 1

E204148-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2218059
Benzene	ND	0.0250	1	04/29/22	05/03/22	
Ethylbenzene	ND	0.0250	1	04/29/22	05/03/22	
Toluene	ND	0.0250	1	04/29/22	05/03/22	
o-Xylene	ND	0.0250	1	04/29/22	05/03/22	
p,m-Xylene	ND	0.0500	1	04/29/22	05/03/22	
Total Xylenes	ND	0.0250	1	04/29/22	05/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.4 %	70-130		04/29/22	05/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2218059
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/29/22	05/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.5 %	70-130		04/29/22	05/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2218051
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/22	05/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/22	05/01/22	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		04/29/22	05/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: CS		Batch: 2219006
Chloride	ND	20.0	1	05/02/22	05/02/22	



Sample Data

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

Project Name: South Boyd 18
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
5/3/2022 5:20:48PM

BG - 2

E204148-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2218059
Benzene	ND	0.0250	1	04/29/22	05/03/22	
Ethylbenzene	ND	0.0250	1	04/29/22	05/03/22	
Toluene	ND	0.0250	1	04/29/22	05/03/22	
o-Xylene	ND	0.0250	1	04/29/22	05/03/22	
p,m-Xylene	ND	0.0500	1	04/29/22	05/03/22	
Total Xylenes	ND	0.0250	1	04/29/22	05/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.1 %	70-130		04/29/22	05/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2218059
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/29/22	05/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.4 %	70-130		04/29/22	05/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2218051
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/22	05/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/22	05/01/22	
<i>Surrogate: n-Nonane</i>						
	104 %	50-200		04/29/22	05/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: CS		Batch: 2219006
Chloride	ND	20.0	1	05/02/22	05/02/22	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	South Boyd 18	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2022 5:20:48PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2218059-BLK1)

Prepared: 04/29/22 Analyzed: 05/02/22

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	7.93		8.00		99.2	70-130			

LCS (2218059-BS1)

Prepared: 04/29/22 Analyzed: 05/02/22

Benzene	5.23	0.0250	5.00		105	70-130			
Ethylbenzene	4.71	0.0250	5.00		94.2	70-130			
Toluene	5.00	0.0250	5.00		100	70-130			
o-Xylene	4.91	0.0250	5.00		98.2	70-130			
p,m-Xylene	9.69	0.0500	10.0		96.9	70-130			
Total Xylenes	14.6	0.0250	15.0		97.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.09		8.00		101	70-130			

Matrix Spike (2218059-MS1)

Source: E204148-02

Prepared: 04/29/22 Analyzed: 05/02/22

Benzene	5.48	0.0250	5.00	ND	110	54-133			
Ethylbenzene	4.96	0.0250	5.00	ND	99.2	61-133			
Toluene	5.25	0.0250	5.00	ND	105	61-130			
o-Xylene	5.17	0.0250	5.00	ND	103	63-131			
p,m-Xylene	10.2	0.0500	10.0	ND	102	63-131			
Total Xylenes	15.4	0.0250	15.0	ND	103	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.29		8.00		104	70-130			

Matrix Spike Dup (2218059-MSD1)

Source: E204148-02

Prepared: 04/29/22 Analyzed: 05/03/22

Benzene	5.36	0.0250	5.00	ND	107	54-133	2.11	20	
Ethylbenzene	4.86	0.0250	5.00	ND	97.2	61-133	1.99	20	
Toluene	5.14	0.0250	5.00	ND	103	61-130	2.08	20	
o-Xylene	5.07	0.0250	5.00	ND	101	63-131	1.91	20	
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131	1.97	20	
Total Xylenes	15.1	0.0250	15.0	ND	101	63-131	1.95	20	
Surrogate: 4-Bromochlorobenzene-PID	8.37		8.00		105	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	South Boyd 18	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2022 5:20:48PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2218059-BLK1)

Prepared: 04/29/22 Analyzed: 05/02/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.23		8.00		90.3	70-130			

LCS (2218059-BS2)

Prepared: 04/29/22 Analyzed: 05/02/22

Gasoline Range Organics (C6-C10)	44.4	20.0	50.0		88.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.33		8.00		91.6	70-130			

Matrix Spike (2218059-MS2)

Source: E204148-02

Prepared: 04/29/22 Analyzed: 05/03/22

Gasoline Range Organics (C6-C10)	48.2	20.0	50.0	ND	96.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.20		8.00		90.0	70-130			

Matrix Spike Dup (2218059-MSD2)

Source: E204148-02

Prepared: 04/29/22 Analyzed: 05/03/22

Gasoline Range Organics (C6-C10)	48.2	20.0	50.0	ND	96.5	70-130	0.0169	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.15		8.00		89.3	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	South Boyd 18	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2022 5:20:48PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2218051-BLK1)

Prepared: 04/29/22 Analyzed: 05/01/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.1		50.0		94.2	50-200			

LCS (2218051-BS1)

Prepared: 04/29/22 Analyzed: 05/01/22

Diesel Range Organics (C10-C28)	437	25.0	500		87.3	38-132			
Surrogate: n-Nonane	49.3		50.0		98.5	50-200			

Matrix Spike (2218051-MS1)

Source: E204148-01

Prepared: 04/29/22 Analyzed: 05/01/22

Diesel Range Organics (C10-C28)	15800	1250	500	16400	NR	38-132			M4
Surrogate: n-Nonane	58.3		50.0		117	50-200			

Matrix Spike Dup (2218051-MSD1)

Source: E204148-01

Prepared: 04/29/22 Analyzed: 05/01/22

Diesel Range Organics (C10-C28)	19100	1250	500	16400	547	38-132	19.0	20	M4
Surrogate: n-Nonane	58.1		50.0		116	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	South Boyd 18	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/3/2022 5:20:48PM

Anions by EPA 300.0/9056A

Analyst: CS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2219006-BLK1)

Prepared: 05/02/22 Analyzed: 05/02/22

Chloride	ND	20.0							
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LCS (2219006-BS1)

Prepared: 05/02/22 Analyzed: 05/02/22

Chloride	255	20.0	250		102	90-110			
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LCS Dup (2219006-BSD1)

Prepared: 05/02/22 Analyzed: 05/03/22

Chloride	274	20.0	250		110	90-110	7.22	20	
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Matrix Spike (2219006-MS1)

Source: E204148-01

Prepared: 05/02/22 Analyzed: 05/02/22

Chloride	23900	2000	250	22300	636	80-120			M2
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Matrix Spike Dup (2219006-MSD1)

Source: E204148-01

Prepared: 05/02/22 Analyzed: 05/02/22

Chloride	14000	2000	250	22300	NR	80-120	52.1	20	M2, R3
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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:	South Boyd 18	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	05/03/22 17:20

M2	Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
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.
R3	The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria.
S5	Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

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

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



Client: <u>Pima Environmental</u> Project: <u>South Bayd 18</u> Project Manager: <u>Tom Bynum</u> Address: _____ City, State, Zip: _____ Phone: _____ Email: _____ Report due by: _____					Bill To Attention: _____ Address: _____ City, State, Zip: _____ Phone: _____ Email: _____					Lab Use Only Lab WO# <u>E204148</u> Job Number <u>21064-0001</u> Analysis and Method DRO/ORO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 NM - BGDOC TX - TPH (TCEQ 1005)					TAT 1D 2D 3D Standard <u>X</u>				EPA Program CWA SDWA RCRA	
										State NM <u>X</u> CO UT AZ TX										
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks														
	4-26-22	Soil	1-402	S1-Surface	1															
				S1-2'	2															
				S1-3'	3															
				S2-Surface	4															
				S2-2'	5															
				S3-Surface	6															
				S3-2'	7															
				SW1	8															
				SW2	9															
				SW3	10															

Additional Instructions:

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

Sampled by:

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

Relinquished by: (Signature) <u>[Signature]</u>	Date <u>4-26-22</u>	Time	Received by: (Signature) <u>[Signature]</u>	Date <u>4-26-22</u>	Time <u>1235</u>	Lab Use Only Received on ice: <u>Y/N</u> T1 T2 T3 AVG Temp °C <u>4</u>
Relinquished by: (Signature) <u>[Signature]</u>	Date <u>4-26-22</u>	Time <u>1710</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>4/27/22</u>	Time <u>7:00</u>	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

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

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

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

Client:				Bill To				Lab Use Only				TAT				EPA Program					
Project: SAME				Attention:				Lab WO# E204148				Job Number 21044-1001				1D	2D	3D	Standard	CWA	SDWA
Project Manager: AS				Address:															X		
Address: PAGE #1				City, State, Zip																	
City, State, Zip				Phone:																	
Phone:				Email:																	
Email:																					
Report due by:																					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	NM - BGDOC	TX - TPH (TCEQ 1005)								
	4-26-22	Soil	1-4oz	SW4	11							X									
	I	I	I	BG-1	12							I									
				BG-2	13							I									

Additional Instructions:

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

Sampled by:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Sebastian J.	4-26-22		[Signature]	4-26-22	1235
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[Signature]	4-26-22	1710	Cathy Chute	4/27/22	7:00
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only		
Received on ice:	⓪ / N	
T1	T2	T3
AVG Temp °C	4	

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

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

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

Envirotech Analytical Laboratory

Printed: 4/27/2022 9:15:19AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	04/27/22 07:00	Work Order ID:	E204148
Phone:	(575) 631-6977	Date Logged In:	04/27/22 07:24	Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	05/03/22 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
 2. Does the number of samples per sampling site location match the COC? Yes
 3. Were samples dropped off by client or carrier? Yes
 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
 5. Were all samples received within holding time? Yes
- Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/Resolution

Time sampled not provided on COC.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Tom Bynum



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: South Boyd Fed Com 18H

Work Order: E205126

Job Number: 21068-0001

Received: 5/24/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/1/22

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 6/1/22

Tom Bynum
PO Box 247
Plains, TX 79355-0247



Project Name: South Boyd Fed Com 18H
Workorder: E205126
Date Received: 5/24/2022 11:45:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/24/2022 11:45:00AM, under the Project Name: South Boyd Fed Com 18H.

The analytical test results summarized in this report with the Project Name: South Boyd Fed Com 18H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

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

Field Offices:

Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Chain of Custody etc.

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	South Boyd Fed Com 18H	Reported: 06/01/22 14:32
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-1	E205126-01A	Soil	05/21/22	05/24/22	Glass Jar, 4 oz.
CS-2	E205126-02A	Soil	05/21/22	05/24/22	Glass Jar, 4 oz.
CS-3	E205126-03A	Soil	05/21/22	05/24/22	Glass Jar, 4 oz.
CS-4	E205126-04A	Soil	05/21/22	05/24/22	Glass Jar, 4 oz.
CS-5	E205126-05A	Soil	05/21/22	05/24/22	Glass Jar, 4 oz.
CS-6	E205126-06A	Soil	05/21/22	05/24/22	Glass Jar, 4 oz.
CSW-1	E205126-07A	Soil	05/21/22	05/24/22	Glass Jar, 4 oz.
CSW-2	E205126-08A	Soil	05/21/22	05/24/22	Glass Jar, 4 oz.
CSW-3	E205126-09A	Soil	05/21/22	05/24/22	Glass Jar, 4 oz.
CSW-4	E205126-10A	Soil	05/21/22	05/24/22	Glass Jar, 4 oz.
CSW-5	E205126-11A	Soil	05/21/22	05/24/22	Glass Jar, 4 oz.
CSW-6	E205126-12A	Soil	05/21/22	05/24/22	Glass Jar, 4 oz.
CSW-7	E205126-13A	Soil	05/21/22	05/24/22	Glass Jar, 4 oz.
CSW-8	E205126-14A	Soil	05/21/22	05/24/22	Glass Jar, 4 oz.



Sample Data

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

Project Name: South Boyd Fed Com 18H
Project Number: 21068-0001
Project Manager: Tom Bynum

Reported:
6/1/2022 2:32:13PM

CS-1

E205126-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2222055	
Benzene	ND	0.0250	1	05/26/22	05/28/22	
Ethylbenzene	ND	0.0250	1	05/26/22	05/28/22	
Toluene	ND	0.0250	1	05/26/22	05/28/22	
o-Xylene	ND	0.0250	1	05/26/22	05/28/22	
p,m-Xylene	ND	0.0500	1	05/26/22	05/28/22	
Total Xylenes	ND	0.0250	1	05/26/22	05/28/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.2 %	70-130		05/26/22	05/28/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2222055	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/22	05/28/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.3 %	70-130		05/26/22	05/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2222070	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/22	05/31/22	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/22	05/31/22	
<i>Surrogate: n-Nonane</i>						
	95.9 %	50-200		05/26/22	05/31/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2222067	
Chloride	21.6	20.0	1	05/26/22	05/31/22	



Sample Data

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

Project Name: South Boyd Fed Com 18H
Project Number: 21068-0001
Project Manager: Tom Bynum

Reported:
6/1/2022 2:32:13PM

CS-2

E205126-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2222055	
Benzene	ND	0.0250	1	05/26/22	05/28/22	
Ethylbenzene	ND	0.0250	1	05/26/22	05/28/22	
Toluene	ND	0.0250	1	05/26/22	05/28/22	
o-Xylene	ND	0.0250	1	05/26/22	05/28/22	
p,m-Xylene	ND	0.0500	1	05/26/22	05/28/22	
Total Xylenes	ND	0.0250	1	05/26/22	05/28/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.9 %	70-130		05/26/22	05/28/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2222055	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/22	05/28/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	82.5 %	70-130		05/26/22	05/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2222070	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/22	05/31/22	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/22	05/31/22	
<i>Surrogate: n-Nonane</i>						
	95.1 %	50-200		05/26/22	05/31/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2222067	
Chloride	21.2	20.0	1	05/26/22	05/31/22	



Sample Data

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

Project Name: South Boyd Fed Com 18H
Project Number: 21068-0001
Project Manager: Tom Bynum

Reported:
6/1/2022 2:32:13PM

CS-3

E205126-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2222055	
Benzene	ND	0.0250	1	05/26/22	05/28/22	
Ethylbenzene	ND	0.0250	1	05/26/22	05/28/22	
Toluene	ND	0.0250	1	05/26/22	05/28/22	
o-Xylene	ND	0.0250	1	05/26/22	05/28/22	
p,m-Xylene	ND	0.0500	1	05/26/22	05/28/22	
Total Xylenes	ND	0.0250	1	05/26/22	05/28/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.9 %	70-130		05/26/22	05/28/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2222055	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/22	05/28/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	82.0 %	70-130		05/26/22	05/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2222070	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/22	05/31/22	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/22	05/31/22	
<i>Surrogate: n-Nonane</i>						
	105 %	50-200		05/26/22	05/31/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2222067	
Chloride	ND	20.0	1	05/26/22	05/31/22	



Sample Data

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

Project Name: South Boyd Fed Com 18H
Project Number: 21068-0001
Project Manager: Tom Bynum

Reported:
6/1/2022 2:32:13PM

CS-4

E205126-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2222055	
Benzene	ND	0.0250	1	05/26/22	05/28/22	
Ethylbenzene	ND	0.0250	1	05/26/22	05/28/22	
Toluene	ND	0.0250	1	05/26/22	05/28/22	
o-Xylene	ND	0.0250	1	05/26/22	05/28/22	
p,m-Xylene	ND	0.0500	1	05/26/22	05/28/22	
Total Xylenes	ND	0.0250	1	05/26/22	05/28/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.1 %	70-130		05/26/22	05/28/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2222055	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/22	05/28/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.8 %	70-130		05/26/22	05/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2222070	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/22	05/31/22	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/22	05/31/22	
<i>Surrogate: n-Nonane</i>						
	102 %	50-200		05/26/22	05/31/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2222067	
Chloride	ND	20.0	1	05/26/22	05/31/22	



Sample Data

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

Project Name: South Boyd Fed Com 18H
Project Number: 21068-0001
Project Manager: Tom Bynum

Reported:
6/1/2022 2:32:13PM

CS-5

E205126-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2222055	
Benzene	ND	0.0250	1	05/26/22	05/28/22	
Ethylbenzene	ND	0.0250	1	05/26/22	05/28/22	
Toluene	0.0321	0.0250	1	05/26/22	05/28/22	
o-Xylene	ND	0.0250	1	05/26/22	05/28/22	
p,m-Xylene	ND	0.0500	1	05/26/22	05/28/22	
Total Xylenes	ND	0.0250	1	05/26/22	05/28/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.5 %	70-130		05/26/22	05/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2222055	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/22	05/28/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.9 %	70-130		05/26/22	05/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2222070	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/22	06/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/22	06/01/22	
<i>Surrogate: n-Nonane</i>						
	107 %	50-200		05/26/22	06/01/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2222067	
Chloride	ND	20.0	1	05/26/22	05/31/22	



Sample Data

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

Project Name: South Boyd Fed Com 18H
Project Number: 21068-0001
Project Manager: Tom Bynum

Reported:
6/1/2022 2:32:13PM

CS-6

E205126-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2222055
Benzene	ND	0.0250	1	05/26/22	05/28/22	
Ethylbenzene	ND	0.0250	1	05/26/22	05/28/22	
Toluene	ND	0.0250	1	05/26/22	05/28/22	
o-Xylene	ND	0.0250	1	05/26/22	05/28/22	
p,m-Xylene	ND	0.0500	1	05/26/22	05/28/22	
Total Xylenes	ND	0.0250	1	05/26/22	05/28/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		92.1 %	70-130	05/26/22	05/28/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2222055
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/22	05/28/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		80.7 %	70-130	05/26/22	05/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2222070
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/22	06/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/22	06/01/22	
<i>Surrogate: n-Nonane</i>						
		110 %	50-200	05/26/22	06/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2222067
Chloride	ND	20.0	1	05/26/22	05/31/22	



Sample Data

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

Project Name: South Boyd Fed Com 18H
Project Number: 21068-0001
Project Manager: Tom Bynum

Reported:
6/1/2022 2:32:13PM

CSW-1

E205126-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2222055	
Benzene	ND	0.0250	1	05/26/22	05/28/22	
Ethylbenzene	ND	0.0250	1	05/26/22	05/28/22	
Toluene	ND	0.0250	1	05/26/22	05/28/22	
o-Xylene	ND	0.0250	1	05/26/22	05/28/22	
p,m-Xylene	ND	0.0500	1	05/26/22	05/28/22	
Total Xylenes	ND	0.0250	1	05/26/22	05/28/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		90.0 %	70-130	05/26/22	05/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2222055	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/22	05/28/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		80.8 %	70-130	05/26/22	05/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2222070	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/22	06/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/22	06/01/22	
<i>Surrogate: n-Nonane</i>		105 %	50-200	05/26/22	06/01/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2222067	
Chloride	ND	20.0	1	05/26/22	05/31/22	



Sample Data

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

Project Name: South Boyd Fed Com 18H
Project Number: 21068-0001
Project Manager: Tom Bynum

Reported:
6/1/2022 2:32:13PM

CSW-2

E205126-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2222055	
Benzene	ND	0.0250	1	05/26/22	05/28/22	
Ethylbenzene	ND	0.0250	1	05/26/22	05/28/22	
Toluene	0.0359	0.0250	1	05/26/22	05/28/22	
o-Xylene	ND	0.0250	1	05/26/22	05/28/22	
p,m-Xylene	ND	0.0500	1	05/26/22	05/28/22	
Total Xylenes	ND	0.0250	1	05/26/22	05/28/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.3 %	70-130		05/26/22	05/28/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2222055	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/22	05/28/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.7 %	70-130		05/26/22	05/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2222070	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/22	06/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/22	06/01/22	
<i>Surrogate: n-Nonane</i>						
	107 %	50-200		05/26/22	06/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2222067	
Chloride	ND	20.0	1	05/26/22	05/31/22	



Sample Data

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

Project Name: South Boyd Fed Com 18H
Project Number: 21068-0001
Project Manager: Tom Bynum

Reported:
6/1/2022 2:32:13PM

CSW-3

E205126-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2222055	
Benzene	ND	0.0250	1	05/26/22	05/31/22	
Ethylbenzene	ND	0.0250	1	05/26/22	05/31/22	
Toluene	ND	0.0250	1	05/26/22	05/31/22	
o-Xylene	ND	0.0250	1	05/26/22	05/31/22	
p,m-Xylene	ND	0.0500	1	05/26/22	05/31/22	
Total Xylenes	ND	0.0250	1	05/26/22	05/31/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.2 %	70-130		05/26/22	05/31/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2222055	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/22	05/31/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	82.5 %	70-130		05/26/22	05/31/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2222070	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/22	06/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/22	06/01/22	
<i>Surrogate: n-Nonane</i>						
	108 %	50-200		05/26/22	06/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2222067	
Chloride	ND	20.0	1	05/26/22	05/31/22	



Sample Data

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

Project Name: South Boyd Fed Com 18H
Project Number: 21068-0001
Project Manager: Tom Bynum

Reported:
6/1/2022 2:32:13PM

CSW-4

E205126-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2222055
Benzene	ND	0.0250	1	05/26/22	05/31/22	
Ethylbenzene	ND	0.0250	1	05/26/22	05/31/22	
Toluene	ND	0.0250	1	05/26/22	05/31/22	
o-Xylene	ND	0.0250	1	05/26/22	05/31/22	
p,m-Xylene	ND	0.0500	1	05/26/22	05/31/22	
Total Xylenes	ND	0.0250	1	05/26/22	05/31/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		88.1 %	70-130	05/26/22	05/31/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2222055
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/22	05/31/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		82.7 %	70-130	05/26/22	05/31/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2222070
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/22	06/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/22	06/01/22	
<i>Surrogate: n-Nonane</i>						
		108 %	50-200	05/26/22	06/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2222067
Chloride	ND	20.0	1	05/26/22	05/31/22	



Sample Data

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

Project Name: South Boyd Fed Com 18H
Project Number: 21068-0001
Project Manager: Tom Bynum

Reported:
6/1/2022 2:32:13PM

CSW-5

E205126-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2222055	
Benzene	ND	0.0250	1	05/26/22	05/31/22	
Ethylbenzene	ND	0.0250	1	05/26/22	05/31/22	
Toluene	ND	0.0250	1	05/26/22	05/31/22	
o-Xylene	ND	0.0250	1	05/26/22	05/31/22	
p,m-Xylene	ND	0.0500	1	05/26/22	05/31/22	
Total Xylenes	ND	0.0250	1	05/26/22	05/31/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.2 %	70-130		05/26/22	05/31/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2222055	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/22	05/31/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	82.8 %	70-130		05/26/22	05/31/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2222070	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/22	06/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/22	06/01/22	
<i>Surrogate: n-Nonane</i>						
	102 %	50-200		05/26/22	06/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2222067	
Chloride	ND	20.0	1	05/26/22	05/31/22	



Sample Data

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

Project Name: South Boyd Fed Com 18H
Project Number: 21068-0001
Project Manager: Tom Bynum

Reported:
6/1/2022 2:32:13PM

CSW-6

E205126-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2222055	
Benzene	ND	0.0250	1	05/26/22	05/31/22	
Ethylbenzene	ND	0.0250	1	05/26/22	05/31/22	
Toluene	ND	0.0250	1	05/26/22	05/31/22	
o-Xylene	ND	0.0250	1	05/26/22	05/31/22	
p,m-Xylene	ND	0.0500	1	05/26/22	05/31/22	
Total Xylenes	ND	0.0250	1	05/26/22	05/31/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.7 %	70-130		05/26/22	05/31/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2222055	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/22	05/31/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	82.6 %	70-130		05/26/22	05/31/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2222070	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/22	06/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/22	06/01/22	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		05/26/22	06/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2222067	
Chloride	ND	20.0	1	05/26/22	05/31/22	



Sample Data

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

Project Name: South Boyd Fed Com 18H
Project Number: 21068-0001
Project Manager: Tom Bynum

Reported:
6/1/2022 2:32:13PM

CSW-7

E205126-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2222055
Benzene	ND	0.0250	1	05/26/22	05/31/22	
Ethylbenzene	ND	0.0250	1	05/26/22	05/31/22	
Toluene	0.0271	0.0250	1	05/26/22	05/31/22	
o-Xylene	ND	0.0250	1	05/26/22	05/31/22	
p,m-Xylene	ND	0.0500	1	05/26/22	05/31/22	
Total Xylenes	ND	0.0250	1	05/26/22	05/31/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.2 %	70-130		05/26/22	05/31/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2222055
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/22	05/31/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.5 %	70-130		05/26/22	05/31/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2222070
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/22	06/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/22	06/01/22	
<i>Surrogate: n-Nonane</i>						
	102 %	50-200		05/26/22	06/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2222067
Chloride	ND	20.0	1	05/26/22	05/31/22	



Sample Data

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

Project Name: South Boyd Fed Com 18H
Project Number: 21068-0001
Project Manager: Tom Bynum

Reported:
6/1/2022 2:32:13PM

CSW-8

E205126-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2222055	
Benzene	ND	0.0250	1	05/26/22	05/31/22	
Ethylbenzene	ND	0.0250	1	05/26/22	05/31/22	
Toluene	ND	0.0250	1	05/26/22	05/31/22	
o-Xylene	ND	0.0250	1	05/26/22	05/31/22	
p,m-Xylene	ND	0.0500	1	05/26/22	05/31/22	
Total Xylenes	ND	0.0250	1	05/26/22	05/31/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.8 %	70-130		05/26/22	05/31/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2222055	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/22	05/31/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	82.6 %	70-130		05/26/22	05/31/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2222070	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/22	06/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/22	06/01/22	
<i>Surrogate: n-Nonane</i>						
	102 %	50-200		05/26/22	06/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2222067	
Chloride	ND	20.0	1	05/26/22	05/31/22	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	South Boyd Fed Com 18H	Reported:
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2022 2:32:13PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (222055-BLK1)

Prepared: 05/26/22 Analyzed: 05/28/22

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	7.01		8.00		87.7	70-130			

LCS (222055-BS1)

Prepared: 05/26/22 Analyzed: 05/28/22

Benzene	5.84	0.0250	5.00		117	70-130			
Ethylbenzene	5.66	0.0250	5.00		113	70-130			
Toluene	6.13	0.0250	5.00		123	70-130			
o-Xylene	5.58	0.0250	5.00		112	70-130			
p,m-Xylene	11.4	0.0500	10.0		114	70-130			
Total Xylenes	17.0	0.0250	15.0		113	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.08		8.00		88.5	70-130			

Matrix Spike (222055-MS1)

Source: E205126-04

Prepared: 05/26/22 Analyzed: 05/28/22

Benzene	5.79	0.0250	5.00	ND	116	54-133			
Ethylbenzene	5.63	0.0250	5.00	ND	113	61-133			
Toluene	6.10	0.0250	5.00	ND	122	61-130			
o-Xylene	5.56	0.0250	5.00	ND	111	63-131			
p,m-Xylene	11.4	0.0500	10.0	ND	114	63-131			
Total Xylenes	16.9	0.0250	15.0	ND	113	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.20		8.00		89.9	70-130			

Matrix Spike Dup (222055-MSD1)

Source: E205126-04

Prepared: 05/26/22 Analyzed: 05/28/22

Benzene	5.62	0.0250	5.00	ND	112	54-133	3.00	20	
Ethylbenzene	5.50	0.0250	5.00	ND	110	61-133	2.37	20	
Toluene	5.90	0.0250	5.00	ND	118	61-130	3.34	20	
o-Xylene	5.43	0.0250	5.00	ND	109	63-131	2.32	20	
p,m-Xylene	11.1	0.0500	10.0	ND	111	63-131	2.40	20	
Total Xylenes	16.5	0.0250	15.0	ND	110	63-131	2.37	20	
Surrogate: 4-Bromochlorobenzene-PID	7.31		8.00		91.4	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	South Boyd Fed Com 18H	Reported:
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2022 2:32:13PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2222055-BLK1)

Prepared: 05/26/22 Analyzed: 05/28/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.48		8.00		81.0	70-130			

LCS (2222055-BS2)

Prepared: 05/26/22 Analyzed: 05/28/22

Gasoline Range Organics (C6-C10)	37.4	20.0	50.0		74.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.55		8.00		81.9	70-130			

Matrix Spike (2222055-MS2)

Source: E205126-04

Prepared: 05/26/22 Analyzed: 05/28/22

Gasoline Range Organics (C6-C10)	37.9	20.0	50.0	ND	75.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.52		8.00		81.5	70-130			

Matrix Spike Dup (2222055-MSD2)

Source: E205126-04

Prepared: 05/26/22 Analyzed: 05/28/22

Gasoline Range Organics (C6-C10)	40.5	20.0	50.0	ND	81.0	70-130	6.69	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.57		8.00		82.2	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Project Number: Project Manager:	South Boyd Fed Com 18H 21068-0001 Tom Bynum	Reported: 6/1/2022 2:32:13PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2222070-BLK1)

Prepared: 05/26/22 Analyzed: 05/26/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	44.9		50.0		89.8	50-200			

LCS (2222070-BS1)

Prepared: 05/26/22 Analyzed: 05/26/22

Diesel Range Organics (C10-C28)	443	25.0	500		88.6	38-132			
Surrogate: n-Nonane	47.4		50.0		94.8	50-200			

Matrix Spike (2222070-MS1)

Source: E205100-03

Prepared: 05/26/22 Analyzed: 05/26/22

Diesel Range Organics (C10-C28)	446	25.0	500	ND	89.2	38-132			
Surrogate: n-Nonane	46.4		50.0		92.7	50-200			

Matrix Spike Dup (2222070-MSD1)

Source: E205100-03

Prepared: 05/26/22 Analyzed: 05/26/22

Diesel Range Organics (C10-C28)	466	25.0	500	ND	93.2	38-132	4.39	20	
Surrogate: n-Nonane	49.1		50.0		98.2	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	South Boyd Fed Com 18H	Reported:
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/1/2022 2:32:13PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2222067-BLK1)

Prepared: 05/26/22 Analyzed: 05/31/22

Chloride	ND	20.0
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LCS (2222067-BS1)

Prepared: 05/26/22 Analyzed: 05/31/22

Chloride	257	20.0	250	103	90-110
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Matrix Spike (2222067-MS1)

Source: E205126-01

Prepared: 05/26/22 Analyzed: 05/31/22

Chloride	270	20.0	250	21.6	99.5	80-120
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Matrix Spike Dup (2222067-MSD1)

Source: E205126-01

Prepared: 05/26/22 Analyzed: 05/31/22

Chloride	276	20.0	250	21.6	102	80-120	2.14	20
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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:	South Boyd Fed Com 18H	
PO Box 247	Project Number:	21068-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	06/01/22 14:32

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

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

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



Project Information

Chain of Custody

Page 1 of 2

Client: Pima Environmental Services					Bill To		Lab Use Only				TAT				EPA Program	
Project: <u>South Boyd Fed Com 184</u>					Attention: <u>SPUR Energy</u>		Lab WO# <u>E205126</u>		Job Number <u>21008-0001</u>		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Tom Bynum					Address:		Analysis and Method								RCRA	
Address: 5614 N. Lovington Hwy.					City, State, Zip											
City, State, Zip <u>Hobbs, NM, 88240</u>					Phone:		State								NM CO UT AZ TX	
Phone: 580-748-1613					Email:											
Email: <u>tom@pimaoil.com</u>					Pima Project # <u>6-62</u>		Remarks									
Report due by:																
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BDOC NM	BDOC TX			
8:05	5/21/22	S		CS-1	1							X				
8:10				CS-2	2											
8:15				CS-3	3											
8:20				CS-4	4											
8:25				CS-5	5											
8:30				CS-6	6											
8:35				BSW-1	7											
8:40				CSW-2	8											
8:45				CSW-3	9											
8:50				CSW-4	10											
Additional Instructions:																
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.										Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.						
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Lab Use Only				
<u>[Signature]</u>		5/23/22		2:55pm		<u>[Signature]</u>		5/23/22		2:55pm		Received on ice: <u>(Y)</u> N				
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		T1 T2 T3				
<u>[Signature]</u>		5/23/22		4:00pm		<u>[Signature]</u>		5/24/22		11:45						
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		AVG Temp °C <u>4</u>				
<u>[Signature]</u>						<u>[Signature]</u>										
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA						
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																



Envirotech Analytical Laboratory

Printed: 5/24/2022 2:03:45PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	05/24/22 11:45	Work Order ID:	E205126
Phone:	(575) 631-6977	Date Logged In:	05/24/22 12:50	Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	05/31/22 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: UPSComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

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

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

CONDITIONS

Action 115577

CONDITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 115577
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	8/24/2022