

Incident ID	NAPP2119560689
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 OCD 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: Dakota Neel Title: HSE Coordinator
Signature:  Date: 11/10/2021
email: dneel@spurepllc.com Telephone: 832-849-7837

OCD Only

Received by: Jennifer Nobui Date: 1/3/22

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: 1/3/22
Printed Name: Jenifer Nobui Title: Environmental Specialist



Pima Environmental Services, LLC
1601 N. Turner Ste 500
Hobbs, NM 88240
575-964-7740

November 10th, 2021

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
Beech Federal #2 Battery
API No. N/A
GPS: Latitude 32.8023071 Longitude -104.2290268
UL "J", Sec. 25, T17S, R27E
Eddy County, NM
NMOCD Ref. No. NAPP2119560689

Pima Environmental Services, LLC. (Pima) has been contracted by Spur Energy Partners, LLC. (Spur) to perform a spill assessment and submit this closure report for a produced water release that occurred at the Beech Federal #2 Battery (Beech). The initial C-141 was submitted on July 19th, 2021 (Appendix C). This incident was assigned Incident ID NAPP2119560689 by the New Mexico Oil Conservation Division (NMOCD)

Site Characterization

The Beech is located approximately eleven (11) miles east of Artesia, NM. This spill site is in Unit J, Section 25, Township 17S, Range 27E, Latitude 32.8023071 Longitude -104.2290268, Eddy County, NM. Figure 1 references a location map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is in the Salado Formation – Evaporite sequence, dominantly halite (Upper Permian). The soil in this area is made up of Reeves-Gypsum land complex, 0 to 3 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 Beech (Figure 3).

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is 185 feet below grade surface (BGS). According to the United States Geological Survey (USGS), the nearest groundwater is 106 feet BGS. The closest waterway is Lake Avalon located approximately 4.45 miles to the southwest 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

NAPP2119560689: On July 6th, 2021, a water transfer pump went down on an overload trip, causing the tank to overfill. The released fluids were calculated to be approximately 22 barrels (bbls) of produced water. A vacuum truck was able to recover approximately 20 bbls of fluid.

Site Assessment and Soil Sampling Results

On October 5th, 2021, Pima Environmental mobilized personnel to the site to assess the area. We sampled the area between the tanks and the secondary containment. Laboratory results of this sampling event can be found in the following data table.

10-5-21 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC - Depth to Groundwater is <50'								
SPUR ENERGY - BEECH FEDERAL #2 BATTERY								
10/5/2021	NM Approved Laboratory Results							
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
S-1	0-6"	2.9	ND	33.2	71700	39100	110833.2	ND
	1'	18.5	0.0449	202	15900	6720	22822	ND
S-2	0-6"	0.111	ND	ND	42800	22500	65300	1270
	1'	ND	ND	ND	1340	560	1900	263
S-3	0-6"	4.71	ND	54.7	43600	21200	64854.7	9820
	1'	13.2	ND	141	26000	9260	35401	10200
SW 1	0-6"	0.053	ND	ND	ND	ND	0	ND
SW 2	0-6"	0.082	ND	ND	ND	ND	0	ND
SW 3	0-6"	ND	ND	ND	ND	ND	0	ND
SW 4	0-6"	ND	ND	ND	ND	ND	0	ND
BG-1	0-6"	ND	ND	ND	ND	ND	0	ND

ND- Analyte Not Detected

On October 18th, 2021, Pima returned to the site to find full delineation, we collected further samples of the area between the containment and tanks. Laboratory results of this sampling event can be found in the following data table.

10-18-21 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC - Depth to Groundwater is <50'								
SPUR ENERGY - BEECH FEDERAL #2 BATTERY								
10/18/2021	NM Approved Laboratory Results							
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
S-1	3'	--	--	ND	ND	ND	0	--
	4'	--	--	ND	ND	ND	0	--
S-2	3'	--	--	ND	ND	ND	0	--
	4'	--	--	ND	ND	ND	0	--
S-3	3'	--	--	ND	ND	ND	0	--
	4'	--	--	ND	ND	ND	0	--

ND- Analyte Not Detected

Remediation Activities

On October 28th, 2021, Pima mobilized personnel and equipment to conduct remedial activities. In the areas of S-1 thru S-3 we excavated to the depth of 2-foot BGS. Bottom and sidewall composite samples were obtained to ensure that the horizontal extents of the contamination had been removed.

On November 4th, 2021, after sending a 48-hour notification, Pima returned to the site to collect confirmation samples of the excavation. The results of this sampling event can be found in the following table.

11-4-21 Confirmation Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC - Depth to Groundwater is <50'								
SPUR ENERGY - BEECH FEDERAL #2 BATTERY								
11/4/2021	NM Approved Laboratory Results							
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
CS1	2'	ND	ND	ND	306	682	988	25
CS2	2'	ND	ND	ND	238	633	871	24.7
CS3	2'	ND	ND	ND	267	715	982	22
CS4	2'	ND	ND	ND	270	750	1020	23.5
CS5	2'	ND	ND	ND	261	736	997	21.7

ND – Analyte Not Detected

On November 8th, 2021, Pima returned to the site to further excavate contaminated areas and collect confirmation samples. The results of this sampling event can be found in the following table.

11-8-21 Confirmation Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC - Depth to Groundwater is <50'								
SPUR ENERGY - BEECH FEDERAL #2 BATTERY								
11/8/2021	NM Approved Laboratory Results							
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
CS-1	3'	--	--	ND	ND	ND	0	--
CS-2	3'	--	--	ND	ND	ND	0	--
CS-3	3'	--	--	ND	ND	ND	0	--
CS-4	3'	--	--	ND	ND	ND	0	--
CS-5	3'	--	--	ND	ND	ND	0	--

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, an NMOCD approved disposal site. The excavation was then backfilled with clean like material, machine compacted and contoured to match the surrounding terrain. See Appendix D for Photographic Documentation. A Confirmation Sample Map can be found in Figure 5.

Closure Request

After careful review, Pima requests that this incident, NAPP2119560689 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 575-964-7740 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
- Appendix D – Photographic Documentation
- Appendix E – Laboratory Reports



Pima Environmental Services

Figures:

1-Location Map

2-Topo Map

3-Karst Map


4-Site Map

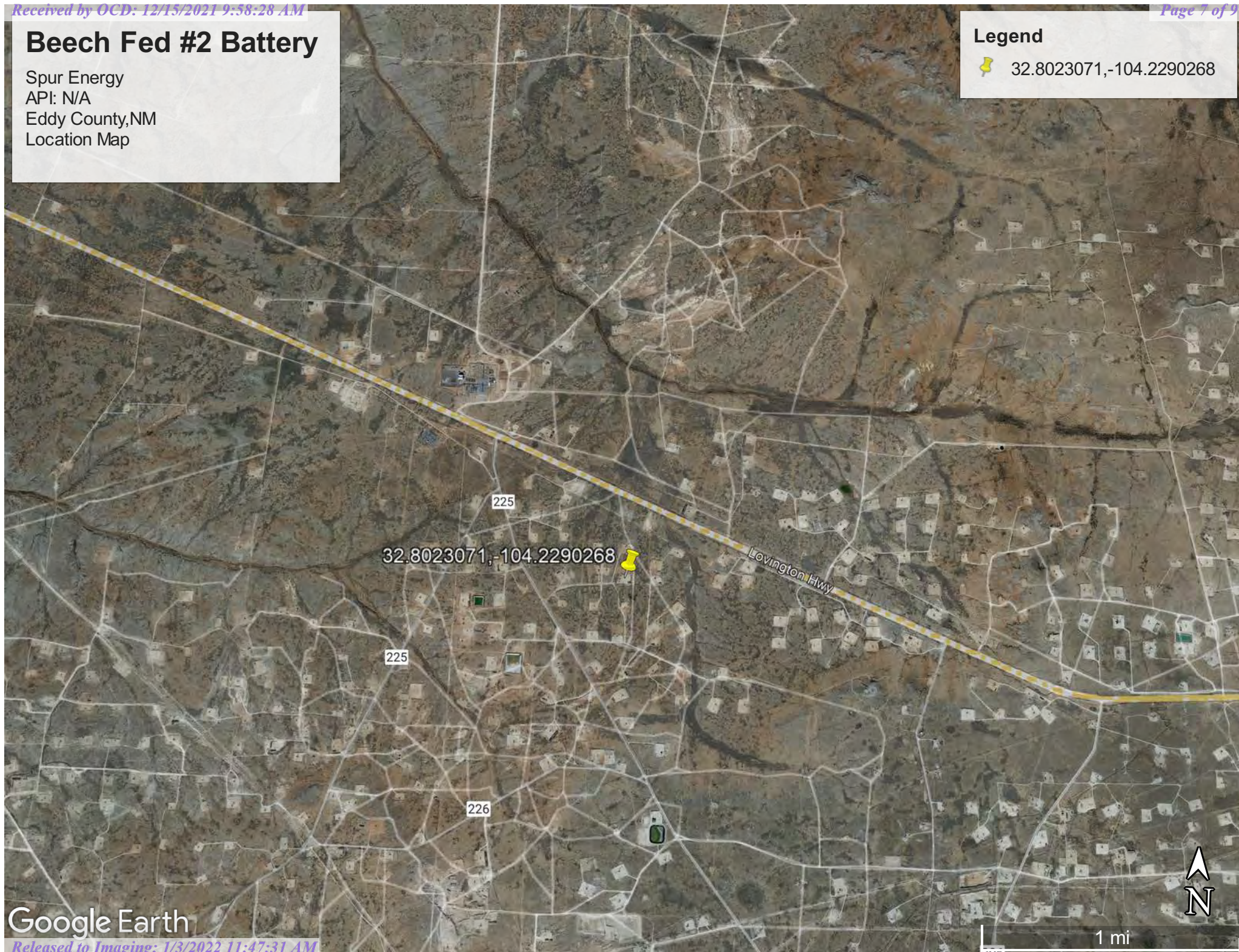
5-Confirmation Sample Map

Beech Fed #2 Battery

Spur Energy
API: N/A
Eddy County, NM
Location Map

Legend

 32.8023071,-104.2290268




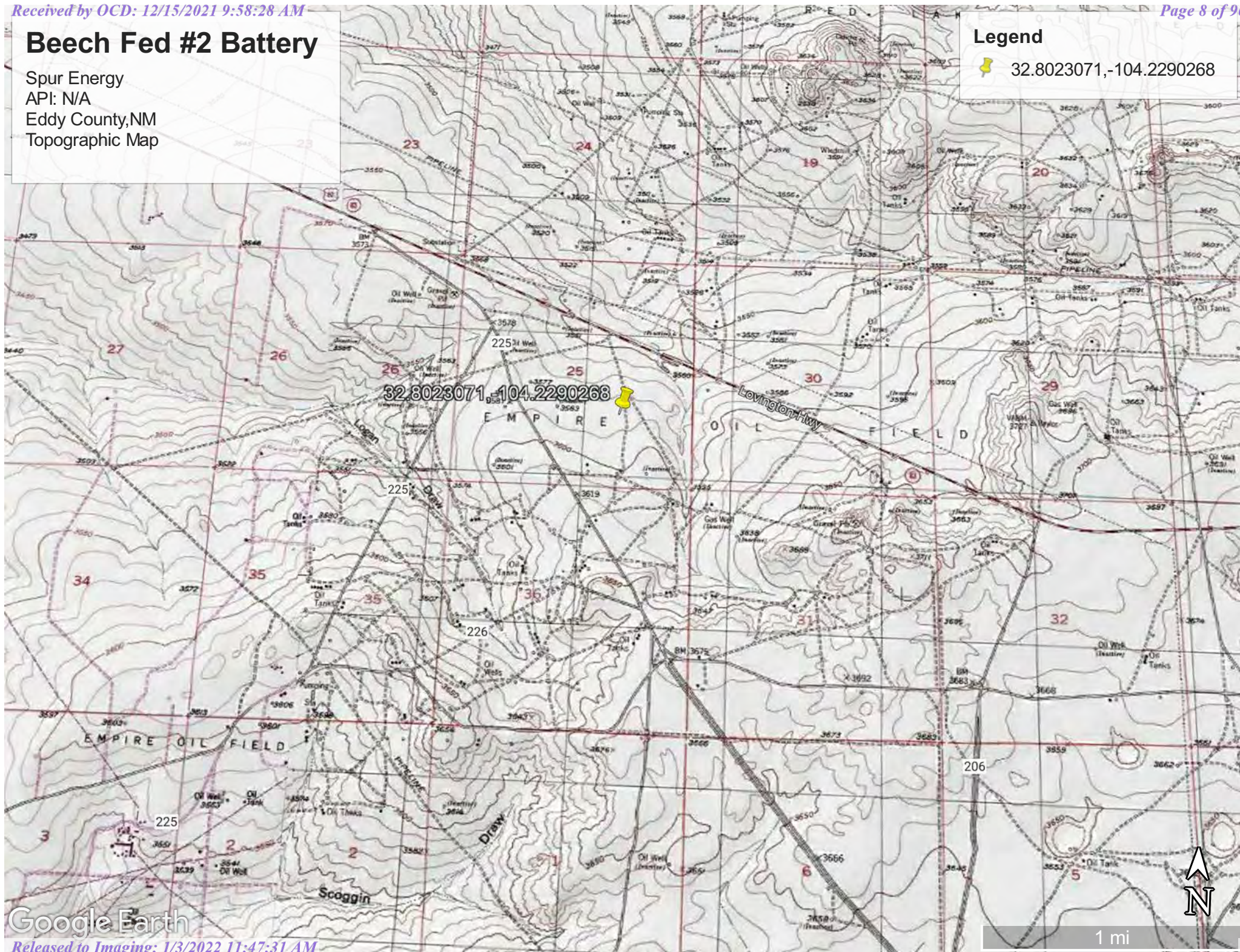
Google Earth

Beech Fed #2 Battery

Spur Energy
API: N/A
Eddy County, NM
Topographic Map

Legend

 32.8023071, -104.2290268



Beech Fed #2 Battery

Spur Energy
API: N/A
Eddy County
Karst Map

Riverside

U.S. Hwy 82

Legend

- High Karst
- Low Karst
- Medium Karst

32.8023071,-104.2290268



Lovington Hwy

225

225

226

227

225

206

229

360

225

Google Earth



2 mi

Beech Fed 2 Battery

Spur Energy
API # N/A
Eddy County, NM
Site Map

Legend

- Background
- Samples
- Sidewalls
- Spill Area

Beech Federal #2

32.802051, -104.229344

SW1
S1
SW4
S2
SW3
SW2
S3

Beech Fed 2 Battery

BG-1

Google Earth

Released to Imaging: 1/3/2022 11:47:31 AM






100 ft



SPUR ENERGY

Beech Federal #2 Battery
Eddy County, NM
Confirmation Sample Map

Legend

-  Beech Federal #2
-  BG-1
-  Confirmation Samples
-  Excavated Area
-  Side Wall Samples





Pima Environmental Services

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 12456 POD1		RA	ED	1	4	4	24	17S	27E	572348	3630969	1345	220	92	128
RA 04561		RA	ED		4	2	26	17S	27E	570871	3630142*	1406	250		
RA 12612 POD1		RA	ED	2	4	3	23	17S	27E	570161	3631140	2521	300		
RA 04554		RA	ED			1	23	17S	27E	569859	3631947*	3278	220	40	180
RA 01493		RA	ED	2	1	27	17S	27E	568468	3630529*	3820	876			

Average Depth to Water: **66 feet**

Minimum Depth: **40 feet**

Maximum Depth: **92 feet**

Record Count: 5

UTMNAD83 Radius Search (in meters):

Easting (X): 572182.2

Northing (Y): 3629634.14

Radius: 5000

*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.

11/10/21 3:58 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER



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[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 =

- 324920104124101

Minimum number of levels = 1

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

USGS 324920104124101 17S.28E.19.234233

Available data for this site

Groundwater: Field measurements

GO

Eddy County, New Mexico

Hydrologic Unit Code 13060007

Latitude 32°49'20", Longitude 104°12'41" NAD27

Land-surface elevation 3,613 feet above NAVD88

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

This well is completed in the San Andres Limestone (313SADR) local aquifer.

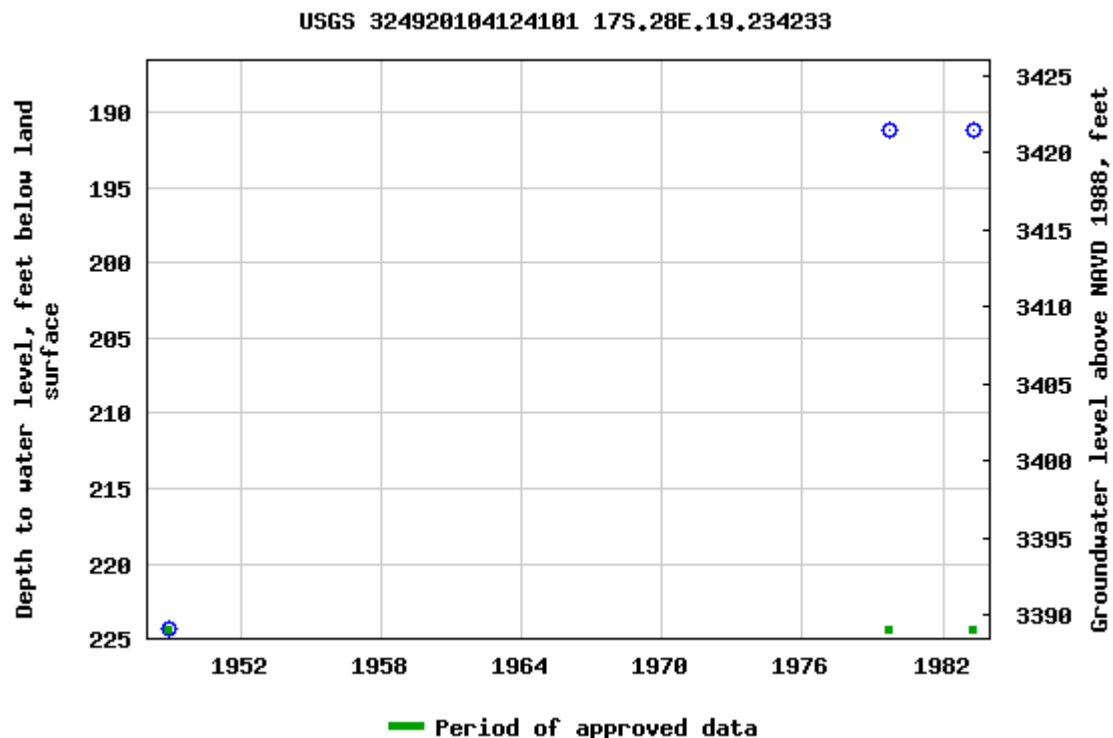
Output formats

[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: 2021-11-09 13:54:52 EST

0.62 0.47 nadww01





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National Water Information System: Web Interface

USGS Water Resources

Data Category:


Groundwater

Geographic Area:

United States

GO

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- [Full News](#) 

Groundwater levels for the Nation

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

Search Results -- 1 sites found

site_no list =

- 324642104111001

Minimum number of levels = 1

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

USGS 324642104111001 18S.28E.04.131444

Available data for this site

Groundwater: Field measurements

GO

Eddy County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°46'42", Longitude 104°11'10" NAD27

Land-surface elevation 3,640 feet above NGVD29

The depth of the well is 145.00 feet below land surface.

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

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

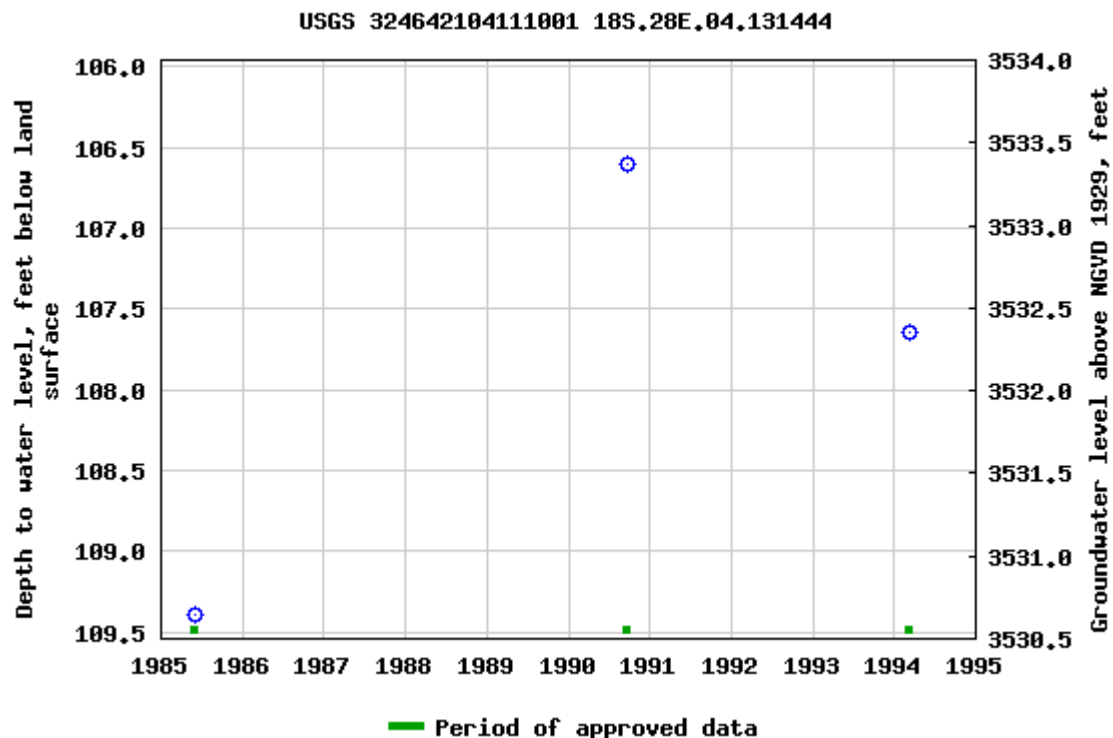
Output formats

[Table of data](#)

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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: 2021-11-09 15:35:02 EST


0.68 0.51 nadww01




Beech Fed #2 Battery


Spur Energy
API: N/A
Eddy County, NM
Surface Water Map

Legend

 Playa 4.46 miles

 Playamiles

225

2.8023071, -104.2290268 

Levington Hwy

225

Google Earth



1 mi



Pima Environmental Services

Appendix B

Soil Survey & Geological Data

FEMA Flood Map

Map Unit Description: Reeves-Gypsum land complex, 0 to 3 percent slopes---Eddy Area, New Mexico

Eddy Area, New Mexico

RG—Reeves-Gypsum land complex, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w5f
Elevation: 1,250 to 5,000 feet
Mean annual precipitation: 10 to 25 inches
Mean annual air temperature: 57 to 70 degrees F
Frost-free period: 190 to 235 days
Farmland classification: Not prime farmland

Map Unit Composition

Reeves and similar soils: 55 percent
Gypsum land: 30 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Reeves

Setting

Landform: Ridges, plains, hills
Landform position (two-dimensional): Shoulder, backslope, footslope, toeslope
Landform position (three-dimensional): Side slope, crest, nose slope, head slope
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Residuum weathered from gypsum

Typical profile

H1 - 0 to 8 inches: loam
H2 - 8 to 32 inches: clay loam
H3 - 32 to 60 inches: gypsiferous material

Properties and qualities

Slope: 0 to 1 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 25 percent
Gypsum, maximum content: 80 percent
Maximum salinity: Very slightly saline to moderately saline (2.0 to 8.0 mmhos/cm)
Sodium adsorption ratio, maximum: 4.0
Available water supply, 0 to 60 inches: Low (about 4.3 inches)

Map Unit Description: Reeves-Gypsum land complex, 0 to 3 percent slopes---Eddy Area, New Mexico

Interpretive groups

Land capability classification (irrigated): 3s

Land capability classification (nonirrigated): 7s

Hydrologic Soil Group: B

Ecological site: R042XC007NM - Loamy

Hydric soil rating: No

Description of Gypsum Land**Setting**

Landform: Ridges, plains, hills

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

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

Down-slope shape: Convex

Across-slope shape: Linear

Parent material: Residuum weathered from gypsum

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 8s

Hydric soil rating: No

Minor Components**Largo**

Percent of map unit: 5 percent

Ecological site: R042XC007NM - Loamy

Hydric soil rating: No

Cottonwood

Percent of map unit: 5 percent

Ecological site: R042XC033NM - Salty Bottomland

Hydric soil rating: No

Reagan

Percent of map unit: 5 percent

Ecological site: R042XC007NM - Loamy

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°14'4"W 32°48'23"N



0 250 500 1,000 1,500 2,000 Feet 1:6,000 104°13'27"W 32°47'52"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 Water Surface Elevation
		17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 11/9/2021 at 1:07 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 Forms

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	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	OGRID
Contact Name	Contact Telephone
Contact email	Incident # (assigned by OCD)
Contact mailing address	

Location of Release Source

Latitude _____ Longitude _____
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Site Type
Date Release Discovered	API# (if applicable)

Unit Letter	Section	Township	Range	County

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 type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	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		


Oil Conservation Division

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 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 type="checkbox"/> The source of the release has been stopped.	
<input type="checkbox"/> The impacted area has been secured to protect human health and the environment.	
<input type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
<input 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: _____	Title: _____
Signature:  _____	Date: _____
email: _____	Telephone: _____
<u>OCD Only</u>	
Received by: _____	Date: _____

Incident ID	NAPP2119560689
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>106</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.

Incident ID	NAPP2119560689
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: Dakota Neel Title: HSE Coordinator

Signature:  Date: 11/10/2021

email: dneel@spurepllc.com Telephone: 832-849-7837

OCD Only

Received by: _____ Date: _____

Incident ID	NAPP2119560689
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: Dakota Neel Title: HSE Coordinator
Signature:  Date: 11/10/2021
email: dneel@spurepllc.com Telephone: 832-849-7837

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: _____

Printed Name: _____ Title: _____



Pima Environmental Services

Appendix D

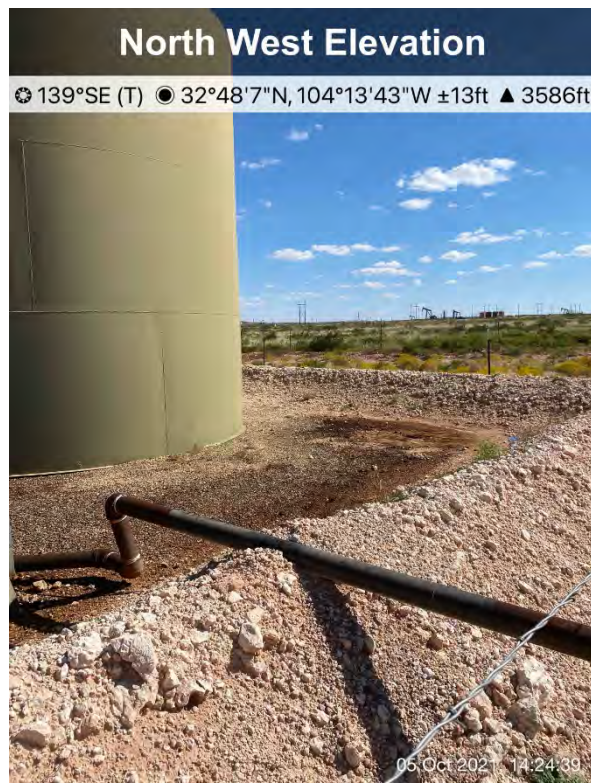
Photographic Documentation



SITE PHOTOGRAPHS
SPUR ENERGY
BEECH FEDERAL #2 BATTERY

Pre-Treatment







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: Beech Federal

Work Order: E110039

Job Number: 21064-0001

Received: 10/8/2021

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/13/21

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: 10/13/21

Tom Bynum
PO Box 247
Plains, TX 79355-0247



Project Name: Beech Federal
Workorder: E110039
Date Received: 10/8/2021 9:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/8/2021 9:00:00AM, under the Project Name: Beech Federal.

The analytical test results summarized in this report with the Project Name: Beech Federal 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

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Cell: 505-320-4759
ljjarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Tom Brown
Technical Representative
Cell: 832-444-7704
tbrown@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Beech Federal	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/13/21 17:03

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1-Surface	E110039-01A	Soil	10/05/21	10/08/21	Glass Jar, 4 oz.
S1-1'	E110039-02A	Soil	10/05/21	10/08/21	Glass Jar, 4 oz.
S2-Surface	E110039-03A	Soil	10/05/21	10/08/21	Glass Jar, 4 oz.
S2-1'	E110039-04A	Soil	10/05/21	10/08/21	Glass Jar, 4 oz.
S3-Surface	E110039-05A	Soil	10/05/21	10/08/21	Glass Jar, 4 oz.
S3-1'	E110039-06A	Soil	10/05/21	10/08/21	Glass Jar, 4 oz.
SW1	E110039-07A	Soil	10/05/21	10/08/21	Glass Jar, 4 oz.
SW2	E110039-08A	Soil	10/05/21	10/08/21	Glass Jar, 4 oz.
SW3	E110039-09A	Soil	10/05/21	10/08/21	Glass Jar, 4 oz.
SW4	E110039-10A	Soil	10/05/21	10/08/21	Glass Jar, 4 oz.
BG-1	E110039-11A	Soil	10/05/21	10/08/21	Glass Jar, 4 oz.



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Beech Federal Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 10/13/2021 5:03:14PM
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S1-Surface

E110039-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2142008	
Benzene	ND	0.0250	1	10/11/21	10/12/21	
Ethylbenzene	1.66	0.0250	1	10/11/21	10/12/21	
Toluene	0.386	0.0250	1	10/11/21	10/12/21	
o-Xylene	1.19	0.0250	1	10/11/21	10/12/21	
p,m-Xylene	1.71	0.0500	1	10/11/21	10/12/21	
Total Xylenes	2.90	0.0250	1	10/11/21	10/12/21	
Surrogate: 4-Bromochlorobenzene-PID	92.8 %	70-130		10/11/21	10/12/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2142008	
Gasoline Range Organics (C6-C10)	33.2	20.0	1	10/11/21	10/12/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID	86.0 %	70-130		10/11/21	10/12/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2142012	
Diesel Range Organics (C10-C28)	71700	2500	100	10/12/21	10/13/21	
Oil Range Organics (C28-C36)	39100	5000	100	10/12/21	10/13/21	
Surrogate: n-Nonane	152 %	50-200		10/12/21	10/13/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2142006	
Chloride	ND	200	10	10/12/21	10/12/21	



Sample Data

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

Project Name: Beech Federal
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
10/13/2021 5:03:14PM

S1-1'

E110039-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2142008
Benzene	0.0449	0.0250	1	10/11/21	10/12/21	
Ethylbenzene	12.0	0.0250	1	10/11/21	10/12/21	
Toluene	3.51	0.0250	1	10/11/21	10/12/21	
o-Xylene	6.60	0.0250	1	10/11/21	10/12/21	
p,m-Xylene	11.9	0.0500	1	10/11/21	10/12/21	
Total Xylenes	18.5	0.0250	1	10/11/21	10/12/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		122 %	70-130	10/11/21	10/12/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2142008
Gasoline Range Organics (C6-C10)	202	20.0	1	10/11/21	10/12/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		97.2 %	70-130	10/11/21	10/12/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2142012
Diesel Range Organics (C10-C28)	15900	2500	100	10/12/21	10/13/21	
Oil Range Organics (C28-C36)	6720	5000	100	10/12/21	10/13/21	
<i>Surrogate: n-Nonane</i>						
		281 %	50-200	10/12/21	10/13/21	S5
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2142006
Chloride	ND	100	5	10/12/21	10/12/21	



Sample Data

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

Project Name: Beech Federal
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
10/13/2021 5:03:14PM

S2-Surface

E110039-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2142008
Benzene	ND	0.0250	1	10/11/21	10/13/21	
Ethylbenzene	ND	0.0250	1	10/11/21	10/13/21	
Toluene	0.0353	0.0250	1	10/11/21	10/13/21	
o-Xylene	0.0342	0.0250	1	10/11/21	10/13/21	
p,m-Xylene	0.0772	0.0500	1	10/11/21	10/13/21	
Total Xylenes	0.111	0.0250	1	10/11/21	10/13/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.7 %	70-130		10/11/21	10/13/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2142008
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/21	10/13/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	85.3 %	70-130		10/11/21	10/13/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2142012
Diesel Range Organics (C10-C28)	42800	2500	100	10/12/21	10/13/21	
Oil Range Organics (C28-C36)	22500	5000	100	10/12/21	10/13/21	
<i>Surrogate: n-Nonane</i>						
	145 %	50-200		10/12/21	10/13/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2142006
Chloride	1270	200	10	10/12/21	10/12/21	



Sample Data

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

Project Name: Beech Federal
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
10/13/2021 5:03:14PM

S2-1'

E110039-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2142008
Benzene	ND	0.0250	1	10/11/21	10/12/21	
Ethylbenzene	ND	0.0250	1	10/11/21	10/12/21	
Toluene	ND	0.0250	1	10/11/21	10/12/21	
o-Xylene	ND	0.0250	1	10/11/21	10/12/21	
p,m-Xylene	ND	0.0500	1	10/11/21	10/12/21	
Total Xylenes	ND	0.0250	1	10/11/21	10/12/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		109 %	70-130	10/11/21	10/12/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2142008
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/21	10/12/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.9 %	70-130	10/11/21	10/12/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2142012
Diesel Range Organics (C10-C28)	1340	25.0	1	10/12/21	10/13/21	
Oil Range Organics (C28-C36)	560	50.0	1	10/12/21	10/13/21	
<i>Surrogate: n-Nonane</i>						
		125 %	50-200	10/12/21	10/13/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2142006
Chloride	263	200	10	10/12/21	10/12/21	



Sample Data

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

Project Name: Beech Federal
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
10/13/2021 5:03:14PM

S3-Surafce

E110039-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2142008
Benzene	ND	0.0250	1	10/11/21	10/12/21	
Ethylbenzene	0.508	0.0250	1	10/11/21	10/12/21	
Toluene	0.0421	0.0250	1	10/11/21	10/12/21	
o-Xylene	1.62	0.0250	1	10/11/21	10/12/21	
p,m-Xylene	3.09	0.0500	1	10/11/21	10/12/21	
Total Xylenes	4.71	0.0250	1	10/11/21	10/12/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.4 %	70-130		10/11/21	10/12/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2142008
Gasoline Range Organics (C6-C10)	54.7	20.0	1	10/11/21	10/12/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.0 %	70-130		10/11/21	10/12/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2142012
Diesel Range Organics (C10-C28)	43600	2500	100	10/12/21	10/13/21	
Oil Range Organics (C28-C36)	21200	5000	100	10/12/21	10/13/21	
<i>Surrogate: n-Nonane</i>						
	143 %	50-200		10/12/21	10/13/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2142006
Chloride	9820	400	20	10/12/21	10/12/21	



Sample Data

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

Project Name: Beech Federal
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
10/13/2021 5:03:14PM

S3-1'

E110039-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2142008
Benzene	ND	0.0250	1	10/11/21	10/12/21	
Ethylbenzene	0.586	0.0250	1	10/11/21	10/12/21	
Toluene	0.0447	0.0250	1	10/11/21	10/12/21	
o-Xylene	4.19	0.0250	1	10/11/21	10/12/21	
p,m-Xylene	9.04	0.0500	1	10/11/21	10/12/21	
Total Xylenes	13.2	0.0250	1	10/11/21	10/12/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		134 %	70-130	10/11/21	10/12/21	SS
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2142008
Gasoline Range Organics (C6-C10)	141	20.0	1	10/11/21	10/12/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.2 %	70-130	10/11/21	10/12/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2142012
Diesel Range Organics (C10-C28)	26000	2500	100	10/12/21	10/13/21	
Oil Range Organics (C28-C36)	9260	5000	100	10/12/21	10/13/21	
<i>Surrogate: n-Nonane</i>						
		149 %	50-200	10/12/21	10/13/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2142006
Chloride	10200	400	20	10/12/21	10/12/21	



Sample Data

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

Project Name: Beech Federal
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
10/13/2021 5:03:14PM

SW1

E110039-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2142008
Benzene	ND	0.0250	1	10/11/21	10/13/21	
Ethylbenzene	ND	0.0250	1	10/11/21	10/13/21	
Toluene	0.0465	0.0250	1	10/11/21	10/13/21	
o-Xylene	ND	0.0250	1	10/11/21	10/13/21	
p,m-Xylene	0.0530	0.0500	1	10/11/21	10/13/21	
Total Xylenes	0.0530	0.0250	1	10/11/21	10/13/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	10/11/21	10/13/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2142008
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/21	10/13/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.9 %	70-130	10/11/21	10/13/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2142012
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/21	10/13/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/21	10/13/21	
<i>Surrogate: n-Nonane</i>						
		123 %	50-200	10/12/21	10/13/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2142006
Chloride	ND	20.0	1	10/12/21	10/12/21	



Sample Data

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

Project Name: Beech Federal
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
10/13/2021 5:03:14PM

SW2

E110039-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2142008
Benzene	ND	0.0250	1	10/11/21	10/13/21	
Ethylbenzene	ND	0.0250	1	10/11/21	10/13/21	
Toluene	0.0694	0.0250	1	10/11/21	10/13/21	
o-Xylene	ND	0.0250	1	10/11/21	10/13/21	
p,m-Xylene	0.0820	0.0500	1	10/11/21	10/13/21	
Total Xylenes	0.0820	0.0250	1	10/11/21	10/13/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.7 %	70-130		10/11/21	10/13/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2142008
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/21	10/13/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.4 %	70-130		10/11/21	10/13/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2142012
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/21	10/13/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/21	10/13/21	
<i>Surrogate: n-Nonane</i>						
	124 %	50-200		10/12/21	10/13/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2142006
Chloride	ND	20.0	1	10/12/21	10/12/21	



Sample Data

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

Project Name: Beech Federal
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
10/13/2021 5:03:14PM

SW3

E110039-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2142008
Benzene	ND	0.0250	1	10/11/21	10/13/21	
Ethylbenzene	ND	0.0250	1	10/11/21	10/13/21	
Toluene	ND	0.0250	1	10/11/21	10/13/21	
o-Xylene	ND	0.0250	1	10/11/21	10/13/21	
p,m-Xylene	ND	0.0500	1	10/11/21	10/13/21	
Total Xylenes	ND	0.0250	1	10/11/21	10/13/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.7 %	70-130		10/11/21	10/13/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2142008
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/21	10/13/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.0 %	70-130		10/11/21	10/13/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2142012
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/21	10/13/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/21	10/13/21	
<i>Surrogate: n-Nonane</i>						
	125 %	50-200		10/12/21	10/13/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2142006
Chloride	ND	20.0	1	10/12/21	10/12/21	



Sample Data

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

Project Name: Beech Federal
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
10/13/2021 5:03:14PM

SW4

E110039-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2142008
Benzene	ND	0.0250	1	10/11/21	10/13/21	
Ethylbenzene	ND	0.0250	1	10/11/21	10/13/21	
Toluene	ND	0.0250	1	10/11/21	10/13/21	
o-Xylene	ND	0.0250	1	10/11/21	10/13/21	
p,m-Xylene	ND	0.0500	1	10/11/21	10/13/21	
Total Xylenes	ND	0.0250	1	10/11/21	10/13/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.9 %	70-130		10/11/21	10/13/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2142008
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/21	10/13/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.5 %	70-130		10/11/21	10/13/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2142012
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/21	10/13/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/21	10/13/21	
<i>Surrogate: n-Nonane</i>						
	125 %	50-200		10/12/21	10/13/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2142006
Chloride	ND	20.0	1	10/12/21	10/12/21	



Sample Data

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

Project Name: Beech Federal
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
10/13/2021 5:03:14PM

BG-1

E110039-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2142008
Benzene	ND	0.0250	1	10/11/21	10/13/21	
Ethylbenzene	ND	0.0250	1	10/11/21	10/13/21	
Toluene	ND	0.0250	1	10/11/21	10/13/21	
o-Xylene	ND	0.0250	1	10/11/21	10/13/21	
p,m-Xylene	ND	0.0500	1	10/11/21	10/13/21	
Total Xylenes	ND	0.0250	1	10/11/21	10/13/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.4 %	70-130		10/11/21	10/13/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2142008
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/21	10/13/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.0 %	70-130		10/11/21	10/13/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2142007
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/21	10/13/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/21	10/13/21	
<i>Surrogate: n-Nonane</i>						
	119 %	50-200		10/12/21	10/13/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2142006
Chloride	ND	20.0	1	10/12/21	10/12/21	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Beech Federal	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/13/2021 5:03:14PM

Volatile Organics by EPA 8021B

Analyst: RKS

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 (2142008-BLK1)

Prepared: 10/11/21 Analyzed: 10/12/21

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	7.40		8.00		92.5	70-130			

LCS (2142008-BS1)

Prepared: 10/11/21 Analyzed: 10/12/21

Benzene	4.89	0.0250	5.00		97.8	70-130			
Ethylbenzene	4.67	0.0250	5.00		93.4	70-130			
Toluene	4.87	0.0250	5.00		97.4	70-130			
o-Xylene	4.77	0.0250	5.00		95.4	70-130			
p,m-Xylene	9.48	0.0500	10.0		94.8	70-130			
Total Xylenes	14.3	0.0250	15.0		95.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.70		8.00		96.2	70-130			

Matrix Spike (2142008-MS1)

Source: E110033-01

Prepared: 10/11/21 Analyzed: 10/12/21

Benzene	5.02	0.0250	5.00	ND	100	54-133			
Ethylbenzene	4.87	0.0250	5.00	ND	97.3	61-133			
Toluene	5.03	0.0250	5.00	ND	101	61-130			
o-Xylene	4.87	0.0250	5.00	ND	97.4	63-131			
p,m-Xylene	9.88	0.0500	10.0	ND	98.8	63-131			
Total Xylenes	14.7	0.0250	15.0	ND	98.3	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.44		8.00		106	70-130			

Matrix Spike Dup (2142008-MSD1)

Source: E110033-01

Prepared: 10/11/21 Analyzed: 10/12/21

Benzene	5.00	0.0250	5.00	ND	100	54-133	0.470	20	
Ethylbenzene	4.85	0.0250	5.00	ND	97.1	61-133	0.251	20	
Toluene	5.01	0.0250	5.00	ND	100	61-130	0.370	20	
o-Xylene	4.85	0.0250	5.00	ND	97.0	63-131	0.337	20	
p,m-Xylene	9.84	0.0500	10.0	ND	98.4	63-131	0.319	20	
Total Xylenes	14.7	0.0250	15.0	ND	98.0	63-131	0.325	20	
Surrogate: 4-Bromochlorobenzene-PID	8.54		8.00		107	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Beech Federal Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 10/13/2021 5:03:14PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

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 (2142008-BLK1)

Prepared: 10/11/21 Analyzed: 10/12/21

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.47		8.00		93.4	70-130			

LCS (2142008-BS2)

Prepared: 10/11/21 Analyzed: 10/12/21

Gasoline Range Organics (C6-C10)	52.5	20.0	50.0		105	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.52		8.00		94.0	70-130			

Matrix Spike (2142008-MS2)

Source: E110033-01

Prepared: 10/11/21 Analyzed: 10/12/21

Gasoline Range Organics (C6-C10)	62.3	20.0	50.0	ND	125	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.45		8.00		93.1	70-130			

Matrix Spike Dup (2142008-MSD2)

Source: E110033-01

Prepared: 10/11/21 Analyzed: 10/12/21

Gasoline Range Organics (C6-C10)	62.0	20.0	50.0	ND	124	70-130	0.352	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.19		8.00		89.8	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Beech Federal	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/13/2021 5:03:14PM

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 (2142007-BLK1)

Prepared: 10/12/21 Analyzed: 10/12/21

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	54.0		50.0		108	50-200			

LCS (2142007-BS1)

Prepared: 10/12/21 Analyzed: 10/12/21

Diesel Range Organics (C10-C28)	523	25.0	500		105	38-132			
Surrogate: <i>n</i> -Nonane	51.7		50.0		103	50-200			

Matrix Spike (2142007-MS1)

Source: E109102-03

Prepared: 10/12/21 Analyzed: 10/12/21

Diesel Range Organics (C10-C28)	535	25.0	500	ND	107	38-132			
Surrogate: <i>n</i> -Nonane	53.7		50.0		107	50-200			

Matrix Spike Dup (2142007-MSD1)

Source: E109102-03

Prepared: 10/12/21 Analyzed: 10/12/21

Diesel Range Organics (C10-C28)	552	25.0	500	ND	110	38-132	3.22	20	
Surrogate: <i>n</i> -Nonane	53.9		50.0		108	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Beech Federal	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/13/2021 5:03:14PM

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 (2142012-BLK1)

Prepared: 10/12/21 Analyzed: 10/12/21

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	55.4		50.0		111	50-200			

LCS (2142012-BS1)

Prepared: 10/12/21 Analyzed: 10/12/21

Diesel Range Organics (C10-C28)	538	25.0	500		108	38-132			
Surrogate: <i>n</i> -Nonane	55.5		50.0		111	50-200			

Matrix Spike (2142012-MS1)

Source: E110045-09

Prepared: 10/12/21 Analyzed: 10/12/21

Diesel Range Organics (C10-C28)	541	25.0	500	ND	108	38-132			
Surrogate: <i>n</i> -Nonane	55.4		50.0		111	50-200			

Matrix Spike Dup (2142012-MSD1)

Source: E110045-09

Prepared: 10/12/21 Analyzed: 10/12/21

Diesel Range Organics (C10-C28)	565	25.0	500	ND	113	38-132	4.42	20	
Surrogate: <i>n</i> -Nonane	58.7		50.0		117	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Beech Federal	Reported: 10/13/2021 5:03:14PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2142006-BLK1)					Prepared: 10/12/21 Analyzed: 10/12/21				
Chloride	ND	20.0							
LCS (2142006-BS1)					Prepared: 10/12/21 Analyzed: 10/12/21				
Chloride	248	20.0	250		99.1	90-110			
LCS Dup (2142006-BSD1)					Prepared: 10/12/21 Analyzed: 10/12/21				
Chloride	248	20.0	250		99.2	90-110	0.0928	20	

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



Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Beech Federal	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/13/21 17:03

- 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.



Project Information

Chain of Custody

Page 1 of 1

Client: Pima Environmental Services				Bill To				Lab Use Only				TAT				EPA Program			
Project: <u>Beech Federal #2</u>				Attention: Pima Environmental Services				Lab WO#		Job Number		1D	2D	3D	Standard	CWA	SDWA		
Project Manager: Tom Bynum				Address: 1601 N Turner St., Suite 500				E 110539		210040001					X				
Address: 1601 N Turner St., Suite 500				City, State, Zip Hobbs, NM, 88240				Analysis and Method										RCRA	
City, State, Zip Hobbs, NM, 88240				Phone: 575-964-7740				DRO/RO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0						
Phone: 580-748-1613				Email: mae@pimaoil.com											BGDOC NM	BGDOC TX			
Email: tom@pimaoil.com				Pima Project #															
Report due by:																			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number												Remarks		
	10/05	Soil	1-402	S1-Surface	1										X				
				S1-1'	2														
				S2-Surface	3														
				S2-1'	4														
				S3-Surface	5														
				S3-1'	6														
				SW1	7														
				SW2	8														
				SW3	9														
				SW4	10														
Additional Instructions: BG-1						11													
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) <u>[Signature]</u>										Lab Use Only									
Date 10/6/21 Time 1500										Received on ice: Y N									
Relinquished by: (Signature) <u>[Signature]</u>										T1 T2 T3									
Date 10-7-21 Time 1300										AVG Temp °C 4									
Relinquished by: (Signature) <u>[Signature]</u>																			
Date 10-6-21 Time 1500																			
Relinquished by: (Signature) <u>[Signature]</u>																			
Date 10/8/21 Time 9:00																			
Relinquished by: (Signature) <u>[Signature]</u>																			
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.																			

Envirotech Analytical Laboratory

Printed: 10/8/2021 9:17:01AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	10/08/21 09:00	Work Order ID:	E110039
Phone:	(575) 631-6977	Date Logged In:	10/08/21 09:08	Logged In By:	Alexa Michaels
Email:	tom@pimaoil.com	Due Date:	10/13/21 17:00 (3 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: Courier**Comments/Resolution****Sample Turn Around Time (TAT)**

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Tom Bynum



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Beech Federal #2 Batt

Work Order: E110101

Job Number: 21068-0001

Received: 10/20/2021

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/27/21

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: 10/27/21

Tom Bynum
PO Box 247
Plains, TX 79355-0247



Project Name: Beech Federal #2 Batt
Workorder: E110101
Date Received: 10/20/2021 11:45:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/20/2021 11:45:00AM, under the Project Name: Beech Federal #2 Batt.

The analytical test results summarized in this report with the Project Name: Beech Federal #2 Batt apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Raina Schwanz
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Alexa Michaels
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Beech Federal #2 Batt	Reported: 10/27/21 17:43
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
S1-3'	E110101-01A	Soil	10/18/21	10/20/21	Glass Jar, 4 oz.
S1-4'	E110101-02A	Soil	10/18/21	10/20/21	Glass Jar, 4 oz.
S2-3'	E110101-03A	Soil	10/18/21	10/20/21	Glass Jar, 4 oz.
S2-4'	E110101-04A	Soil	10/18/21	10/20/21	Glass Jar, 4 oz.
S3-3'	E110101-05A	Soil	10/18/21	10/20/21	Glass Jar, 4 oz.
S3-4'	E110101-06A	Soil	10/18/21	10/20/21	Glass Jar, 4 oz.



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Beech Federal #2 Batt Project Number: 21068-0001 Project Manager: Tom Bynum	Reported: 10/27/2021 5:43:45PM
---	---	--

S1-3'

E110101-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2143063
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/22/21	10/26/21	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	10/22/21	10/26/21	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.7 %	70-130	10/22/21	10/26/21	
<i>Surrogate: Toluene-d8</i>		94.9 %	70-130	10/22/21	10/26/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2144012
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/21	10/27/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/21	10/27/21	
<i>Surrogate: n-Nonane</i>		118 %	50-200	10/26/21	10/27/21	



Sample Data

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

Project Name: Beech Federal #2 Batt
Project Number: 21068-0001
Project Manager: Tom Bynum

Reported:
10/27/2021 5:43:45PM

S1-4'

E110101-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: RKS		Batch: 2143063
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/22/21	10/26/21	
Surrogate: Bromofluorobenzene		103 %	70-130	10/22/21	10/26/21	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130	10/22/21	10/26/21	
Surrogate: Toluene-d8		94.7 %	70-130	10/22/21	10/26/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: JL		Batch: 2144012
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/21	10/27/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/21	10/27/21	
Surrogate: n-Nonane		90.1 %	50-200	10/26/21	10/27/21	



Sample Data

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

Project Name: Beech Federal #2 Batt
Project Number: 21068-0001
Project Manager: Tom Bynum

Reported:
10/27/2021 5:43:45PM

S2-3'

E110101-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143063
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/22/21	10/26/21	
Surrogate: Bromofluorobenzene		103 %	70-130	10/22/21	10/26/21	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130	10/22/21	10/26/21	
Surrogate: Toluene-d8		96.2 %	70-130	10/22/21	10/26/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2144012
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/21	10/27/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/21	10/27/21	
Surrogate: n-Nonane		85.8 %	50-200	10/26/21	10/27/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143067
Chloride	ND	200	10	10/22/21	10/27/21	



Sample Data

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

Project Name: Beech Federal #2 Batt
Project Number: 21068-0001
Project Manager: Tom Bynum

Reported:
10/27/2021 5:43:45PM

S2-4'

E110101-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143063
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/22/21	10/26/21	
Surrogate: Bromofluorobenzene		102 %	70-130	10/22/21	10/26/21	
Surrogate: 1,2-Dichloroethane-d4		99.8 %	70-130	10/22/21	10/26/21	
Surrogate: Toluene-d8		94.9 %	70-130	10/22/21	10/26/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2144012
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/21	10/27/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/21	10/27/21	
Surrogate: n-Nonane		86.8 %	50-200	10/26/21	10/27/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143067
Chloride	ND	200	10	10/22/21	10/27/21	



Sample Data

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

Project Name: Beech Federal #2 Batt
Project Number: 21068-0001
Project Manager: Tom Bynum

Reported:
10/27/2021 5:43:45PM

S3-3'

E110101-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143063
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/22/21	10/26/21	
Surrogate: Bromofluorobenzene		103 %	70-130	10/22/21	10/26/21	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	10/22/21	10/26/21	
Surrogate: Toluene-d8		94.8 %	70-130	10/22/21	10/26/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2144012
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/21	10/27/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/21	10/27/21	
Surrogate: n-Nonane		106 %	50-200	10/26/21	10/27/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143067
Chloride	ND	200	10	10/22/21	10/27/21	



Sample Data

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

Project Name: Beech Federal #2 Batt
Project Number: 21068-0001
Project Manager: Tom Bynum

Reported:
10/27/2021 5:43:45PM

S3-4'

E110101-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143063
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/22/21	10/26/21	
Surrogate: Bromofluorobenzene		104 %	70-130	10/22/21	10/26/21	
Surrogate: 1,2-Dichloroethane-d4		99.6 %	70-130	10/22/21	10/26/21	
Surrogate: Toluene-d8		94.7 %	70-130	10/22/21	10/26/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2144012
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/21	10/27/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/21	10/27/21	
Surrogate: n-Nonane		95.5 %	50-200	10/26/21	10/27/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143067
Chloride	ND	200	10	10/22/21	10/27/21	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Beech Federal #2 Batt	Reported: 10/27/2021 5:43:45PM
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

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 (2143063-BLK1)

Prepared: 10/22/21 Analyzed: 10/22/21

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.477		0.500		95.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.3	70-130			
Surrogate: Toluene-d8	0.486		0.500		97.1	70-130			

LCS (2143063-BS2)

Prepared: 10/22/21 Analyzed: 10/22/21

Gasoline Range Organics (C6-C10)	51.0	20.0	50.0		102	70-130			
Surrogate: Bromofluorobenzene	0.495		0.500		98.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		99.9	70-130			
Surrogate: Toluene-d8	0.478		0.500		95.6	70-130			

LCS Dup (2143063-BSD2)

Prepared: 10/22/21 Analyzed: 10/22/21

Gasoline Range Organics (C6-C10)	49.8	20.0	50.0		99.7	70-130	2.27	20	
Surrogate: Bromofluorobenzene	0.500		0.500		99.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.503		0.500		101	70-130			
Surrogate: Toluene-d8	0.490		0.500		97.9	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Beech Federal #2 Batt	Reported:
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/27/2021 5:43:45PM

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 (2144012-BLK1)

Prepared: 10/26/21 Analyzed: 10/26/21

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.6		50.0		93.1	50-200			

LCS (2144012-BS1)

Prepared: 10/26/21 Analyzed: 10/26/21

Diesel Range Organics (C10-C28)	516	25.0	500		103	38-132			
Surrogate: n-Nonane	47.3		50.0		94.7	50-200			

Matrix Spike (2144012-MS1)

Source: E110125-01

Prepared: 10/26/21 Analyzed: 10/26/21

Diesel Range Organics (C10-C28)	924	25.0	500	815	21.8	38-132			M2
Surrogate: n-Nonane	47.7		50.0		95.5	50-200			

Matrix Spike Dup (2144012-MSD1)

Source: E110125-01

Prepared: 10/26/21 Analyzed: 10/26/21

Diesel Range Organics (C10-C28)	1040	25.0	500	815	44.3	38-132	11.5	20	
Surrogate: n-Nonane	51.2		50.0		102	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Beech Federal #2 Batt	Reported:
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/27/2021 5:43:45PM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2143067-BLK1)

Prepared: 10/22/21 Analyzed: 10/23/21

Chloride	ND	20.0							
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LCS (2143067-BS1)

Prepared: 10/22/21 Analyzed: 10/23/21

Chloride	249	20.0	250		99.7	90-110			
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LCS Dup (2143067-BSD1)

Prepared: 10/22/21 Analyzed: 10/23/21

Chloride	263	20.0	250		105	90-110	5.42	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:	Beech Federal #2 Batt	
PO Box 247	Project Number:	21068-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/27/21 17:43

M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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





Envirotech Analytical Laboratory

Printed: 10/20/2021 1:56:38PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	10/20/21 11:45	Work Order ID:	E110101
Phone:	(575) 631-6977	Date Logged In:	10/20/21 13:52	Logged In By:	Alexa Michaels
Email:	tom@pimaoil.com	Due Date:	10/26/21 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: FedEx**Comments/Resolution****Sample Turn Around Time (TAT)**

6. Did the COC indicate standard TAT, or Expedited TAT? No

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Tom Bynum



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Beech Federal #2 Battery

Work Order: E111074

Job Number: 21068-0001

Received: 11/6/2021

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/15/21

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: 11/15/21

Tom Bynum
PO Box 247
Plains, TX 79355-0247



Project Name: Beech Federal #2 Battery
Workorder: E111074
Date Received: 11/6/2021 2:00:00PM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/6/2021 2:00:00PM, under the Project Name: Beech Federal #2 Battery.

The analytical test results summarized in this report with the Project Name: Beech Federal #2 Battery 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
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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Beech Federal #2 Battery	Reported:
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/15/21 15:51

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS1	E111074-01A	Soil	11/04/21	11/06/21	Glass Jar, 4 oz.
CS2	E111074-02A	Soil	11/04/21	11/06/21	Glass Jar, 4 oz.
CS3	E111074-03A	Soil	11/04/21	11/06/21	Glass Jar, 4 oz.
CS4	E111074-04A	Soil	11/04/21	11/06/21	Glass Jar, 4 oz.
CS5	E111074-05A	Soil	11/04/21	11/06/21	Glass Jar, 4 oz.



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Beech Federal #2 Battery Project Number: 21068-0001 Project Manager: Tom Bynum	Reported: 11/15/2021 3:51:14PM
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CS1

E111074-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2146005
Benzene	ND	0.0500	2	11/08/21	11/10/21	
Ethylbenzene	ND	0.0500	2	11/08/21	11/10/21	
Toluene	ND	0.0500	2	11/08/21	11/10/21	
o-Xylene	ND	0.0500	2	11/08/21	11/10/21	
p,m-Xylene	ND	0.100	2	11/08/21	11/10/21	
Total Xylenes	ND	0.0500	2	11/08/21	11/10/21	
Surrogate: 4-Bromochlorobenzene-PID	91.0 %	70-130		11/08/21	11/10/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2146005
Gasoline Range Organics (C6-C10)	ND	40.0	2	11/08/21	11/10/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID	90.7 %	70-130		11/08/21	11/10/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2146016
Diesel Range Organics (C10-C28)	306	125	5	11/08/21	11/10/21	
Oil Range Organics (C28-C36)	682	250	5	11/08/21	11/10/21	
Surrogate: n-Nonane	116 %	50-200		11/08/21	11/10/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2146022
Chloride	25.0	20.0	1	11/08/21	11/09/21	



Sample Data

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

Project Name: Beech Federal #2 Battery
Project Number: 21068-0001
Project Manager: Tom Bynum

Reported:
11/15/2021 3:51:14PM

CS2

E111074-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2146005
Benzene	ND	0.0500	2	11/08/21	11/10/21	
Ethylbenzene	ND	0.0500	2	11/08/21	11/10/21	
Toluene	ND	0.0500	2	11/08/21	11/10/21	
o-Xylene	ND	0.0500	2	11/08/21	11/10/21	
p,m-Xylene	ND	0.100	2	11/08/21	11/10/21	
Total Xylenes	ND	0.0500	2	11/08/21	11/10/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.8 %	70-130		11/08/21	11/10/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2146005
Gasoline Range Organics (C6-C10)	ND	40.0	2	11/08/21	11/10/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.5 %	70-130		11/08/21	11/10/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2146016
Diesel Range Organics (C10-C28)	238	125	5	11/08/21	11/11/21	
Oil Range Organics (C28-C36)	633	250	5	11/08/21	11/11/21	
<i>Surrogate: n-Nonane</i>						
	112 %	50-200		11/08/21	11/11/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2146022
Chloride	24.7	20.0	1	11/08/21	11/09/21	



Sample Data

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

Project Name: Beech Federal #2 Battery
Project Number: 21068-0001
Project Manager: Tom Bynum

Reported:
11/15/2021 3:51:14PM

CS3

E111074-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2146005
Benzene	ND	0.0500	2	11/08/21	11/10/21	
Ethylbenzene	ND	0.0500	2	11/08/21	11/10/21	
Toluene	ND	0.0500	2	11/08/21	11/10/21	
o-Xylene	ND	0.0500	2	11/08/21	11/10/21	
p,m-Xylene	ND	0.100	2	11/08/21	11/10/21	
Total Xylenes	ND	0.0500	2	11/08/21	11/10/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.1 %	70-130		11/08/21	11/10/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2146005
Gasoline Range Organics (C6-C10)	ND	40.0	2	11/08/21	11/10/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.5 %	70-130		11/08/21	11/10/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2146016
Diesel Range Organics (C10-C28)	267	125	5	11/08/21	11/11/21	
Oil Range Organics (C28-C36)	715	250	5	11/08/21	11/11/21	
<i>Surrogate: n-Nonane</i>						
	114 %	50-200		11/08/21	11/11/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2146022
Chloride	22.0	20.0	1	11/08/21	11/09/21	



Sample Data

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

Project Name: Beech Federal #2 Battery
Project Number: 21068-0001
Project Manager: Tom Bynum

Reported:
11/15/2021 3:51:14PM

CS4

E111074-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2146005
Benzene	ND	0.0500	2	11/08/21	11/10/21	
Ethylbenzene	ND	0.0500	2	11/08/21	11/10/21	
Toluene	ND	0.0500	2	11/08/21	11/10/21	
o-Xylene	ND	0.0500	2	11/08/21	11/10/21	
p,m-Xylene	ND	0.100	2	11/08/21	11/10/21	
Total Xylenes	ND	0.0500	2	11/08/21	11/10/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.4 %	70-130		11/08/21	11/10/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2146005
Gasoline Range Organics (C6-C10)	ND	40.0	2	11/08/21	11/10/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.1 %	70-130		11/08/21	11/10/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2146016
Diesel Range Organics (C10-C28)	270	125	5	11/08/21	11/11/21	
Oil Range Organics (C28-C36)	750	250	5	11/08/21	11/11/21	
<i>Surrogate: n-Nonane</i>						
	116 %	50-200		11/08/21	11/11/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2146022
Chloride	23.5	20.0	1	11/08/21	11/09/21	



Sample Data

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

Project Name: Beech Federal #2 Battery
Project Number: 21068-0001
Project Manager: Tom Bynum

Reported:
11/15/2021 3:51:14PM

CS5

E111074-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2146005
Benzene	ND	0.0500	2	11/08/21	11/10/21	
Ethylbenzene	ND	0.0500	2	11/08/21	11/10/21	
Toluene	ND	0.0500	2	11/08/21	11/10/21	
o-Xylene	ND	0.0500	2	11/08/21	11/10/21	
p,m-Xylene	ND	0.100	2	11/08/21	11/10/21	
Total Xylenes	ND	0.0500	2	11/08/21	11/10/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.8 %	70-130		11/08/21	11/10/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2146005
Gasoline Range Organics (C6-C10)	ND	40.0	2	11/08/21	11/10/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.5 %	70-130		11/08/21	11/10/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2146016
Diesel Range Organics (C10-C28)	261	125	5	11/08/21	11/11/21	
Oil Range Organics (C28-C36)	736	250	5	11/08/21	11/11/21	
<i>Surrogate: n-Nonane</i>						
	109 %	50-200		11/08/21	11/11/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2146022
Chloride	21.7	20.0	1	11/08/21	11/09/21	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Beech Federal #2 Battery	Reported:
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/15/2021 3:51:14PM

Volatile Organics by EPA 8021B

Analyst: RKS

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 (2146005-BLK1)

Prepared: 11/08/21 Analyzed: 11/10/21

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	7.38		8.00		92.2	70-130			

LCS (2146005-BS1)

Prepared: 11/08/21 Analyzed: 11/10/21

Benzene	4.84	0.0250	5.00		96.9	70-130			
Ethylbenzene	4.57	0.0250	5.00		91.4	70-130			
Toluene	4.80	0.0250	5.00		96.1	70-130			
o-Xylene	4.68	0.0250	5.00		93.7	70-130			
p,m-Xylene	9.25	0.0500	10.0		92.5	70-130			
Total Xylenes	13.9	0.0250	15.0		92.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.66		8.00		95.7	70-130			

LCS Dup (2146005-BSD1)

Prepared: 11/08/21 Analyzed: 11/10/21

Benzene	4.84	0.0250	5.00		96.8	70-130	0.0837	20	
Ethylbenzene	4.58	0.0250	5.00		91.5	70-130	0.131	20	
Toluene	4.81	0.0250	5.00		96.2	70-130	0.0998	20	
o-Xylene	4.70	0.0250	5.00		94.0	70-130	0.366	20	
p,m-Xylene	9.28	0.0500	10.0		92.8	70-130	0.267	20	
Total Xylenes	14.0	0.0250	15.0		93.2	70-130	0.300	20	
Surrogate: 4-Bromochlorobenzene-PID	7.56		8.00		94.5	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Beech Federal #2 Battery Project Number: 21068-0001 Project Manager: Tom Bynum	Reported: 11/15/2021 3:51:14PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

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 (2146005-BLK1)

Prepared: 11/08/21 Analyzed: 11/10/21

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.39		8.00		92.4	70-130			

LCS (2146005-BS2)

Prepared: 11/08/21 Analyzed: 11/10/21

Gasoline Range Organics (C6-C10)	43.9	20.0	50.0		87.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.58		8.00		94.7	70-130			

LCS Dup (2146005-BSD2)

Prepared: 11/08/21 Analyzed: 11/10/21

Gasoline Range Organics (C6-C10)	43.4	20.0	50.0		86.9	70-130	0.965	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.57		8.00		94.6	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Beech Federal #2 Battery	Reported:
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/15/2021 3:51:14PM

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 (2146016-BLK1)

Prepared: 11/08/21 Analyzed: 11/10/21

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	57.4		50.0		115	50-200			

LCS (2146016-BS1)

Prepared: 11/08/21 Analyzed: 11/10/21

Diesel Range Organics (C10-C28)	468	25.0	500		93.7	38-132			
Surrogate: <i>n</i> -Nonane	53.2		50.0		106	50-200			

Matrix Spike (2146016-MS1)

Source: E111074-01

Prepared: 11/08/21 Analyzed: 11/10/21

Diesel Range Organics (C10-C28)	863	125	500	306	111	38-132			
Surrogate: <i>n</i> -Nonane	61.1		50.0		122	50-200			

Matrix Spike Dup (2146016-MSD1)

Source: E111074-01

Prepared: 11/08/21 Analyzed: 11/10/21

Diesel Range Organics (C10-C28)	877	125	500	306	114	38-132	1.61	20	
Surrogate: <i>n</i> -Nonane	60.3		50.0		121	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Beech Federal #2 Battery	Reported:
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/15/2021 3:51:14PM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2146022-BLK1)

Prepared: 11/08/21 Analyzed: 11/09/21

Chloride ND 20.0

LCS (2146022-BS1)

Prepared: 11/08/21 Analyzed: 11/09/21

Chloride 257 20.0 250 103 90-110

Matrix Spike (2146022-MS1)

Source: E111074-01

Prepared: 11/08/21 Analyzed: 11/09/21

Chloride 271 20.0 250 25.0 98.3 80-120

Matrix Spike Dup (2146022-MSD1)

Source: E111074-01

Prepared: 11/08/21 Analyzed: 11/09/21

Chloride 263 20.0 250 25.0 95.4 80-120 2.74 20

QC Summary Report Comment:

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



Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Beech Federal #2 Battery	
PO Box 247	Project Number:	21068-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/15/21 15:51

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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





Envirotech Analytical Laboratory

Printed: 11/9/2021 8:46:46AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	11/06/21 14:00	Work Order ID:	E111074
Phone:	(575) 631-6977	Date Logged In:	11/06/21 16:22	Logged In By:	Alexa Michaels
Email:	tom@pimaoil.com	Due Date:	11/15/21 17:00 (5 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
 2. Does the number of samples per sampling site location match the COC? Yes
 3. Were samples dropped off by client or carrier? Yes
 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? 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: FedEx**Comments/Resolution**

Sampled time was not provided on the 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? Yes
 - Collectors name? Yes

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.



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

November 19, 2021

TOM BYNUM

PIMA ENVIROMENTAL

1601 N TURNER STE. 500

HOBBS, NM 88240

RE: BEECH FEDERAL #2 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 11/17/21 8:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
TOM BYNUM
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 11/17/2021
Reported: 11/19/2021
Project Name: BEECH FEDERAL #2 BATTERY
Project Number: 6 - 49
Project Location: SPUR - EDDY CO NM

Sampling Date: 11/08/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CS 1 (H213279-01)

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2021	ND	190	94.8	200	6.39	
DRO >C10-C28*	<10.0	10.0	11/19/2021	ND	212	106	200	5.82	
EXT DRO >C28-C36	<10.0	10.0	11/19/2021	ND					
Surrogate: 1-Chlorooctane	68.2 %	44.3-133							
Surrogate: 1-Chlorooctadecane	66.0 %	38.9-142							

Sample ID: CS 2 (H213279-02)

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2021	ND	190	94.8	200	6.39	
DRO >C10-C28*	<10.0	10.0	11/19/2021	ND	212	106	200	5.82	
EXT DRO >C28-C36	<10.0	10.0	11/19/2021	ND					
Surrogate: 1-Chlorooctane	66.4 %	44.3-133							
Surrogate: 1-Chlorooctadecane	64.5 %	38.9-142							

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
TOM BYNUM
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 11/17/2021
Reported: 11/19/2021
Project Name: BEECH FEDERAL #2 BATTERY
Project Number: 6 - 49
Project Location: SPUR - EDDY CO NM

Sampling Date: 11/08/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CS 3 (H213279-03)

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2021	ND	190	94.8	200	6.39	
DRO >C10-C28*	<10.0	10.0	11/19/2021	ND	212	106	200	5.82	
EXT DRO >C28-C36	<10.0	10.0	11/19/2021	ND					
Surrogate: 1-Chlorooctane	79.9 %	44.3-133							
Surrogate: 1-Chlorooctadecane	77.5 %	38.9-142							

Sample ID: CS 4 (H213279-04)

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2021	ND	190	94.8	200	6.39	
DRO >C10-C28*	<10.0	10.0	11/19/2021	ND	212	106	200	5.82	
EXT DRO >C28-C36	<10.0	10.0	11/19/2021	ND					
Surrogate: 1-Chlorooctane	79.8 %	44.3-133							
Surrogate: 1-Chlorooctadecane	77.5 %	38.9-142							

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PIMA ENVIROMENTAL
TOM BYNUM
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 11/17/2021
Reported: 11/19/2021
Project Name: BEECH FEDERAL #2 BATTERY
Project Number: 6 - 49
Project Location: SPUR - EDDY CO NM

Sampling Date: 11/08/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: CS 5 (H213279-05)

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2021	ND	190	94.8	200	6.39	
DRO >C10-C28*	<10.0	10.0	11/19/2021	ND	212	106	200	5.82	
EXT DRO >C28-C36	<10.0	10.0	11/19/2021	ND					
Surrogate: 1-Chlorooctane	91.1 %	44.3-133							
Surrogate: 1-Chlorooctadecane	88.9 %	38.9-142							

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Notes and Definitions

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

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A handwritten signature in cursive script, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(575) 393-2326 FAX (575) 393-2476

Company Name: Pima Environmental Services
 Project Manager: Tom Bynum

Address: 1601 N Turner St., Suite 500

City: Hobbs

Phone #: 575-964-7740

State: NM Zip: 88240

Project #: 6-49

Fax #:

Project Owner: Spur

Project Name: Beech Federal #2 Battery

Project Location: Eddy County, NM

Sampler Name: Sebastian Crozco

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

H213279

1 CS1
 2 CS2
 3 CS3
 4 CS4
 5 CS5

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

11/8/21

0700

0705

0710

MATRIX

PRESERV.

SAMPLING

BILL TO

P.O. #:

Company: Spur Energy

Attn:

Address:

City:

State:

Zip:

Phone #:

Fax #:

ANALYSIS REQUEST

DRO/MRO 8015

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Relinquished By:

Tom Bynum

Date: 11/17/21

Time: 08:50

Date:

Time:

Received By:

Jodi Benson

Received By:

Phone Result: ☐ Yes ☐ No

Fax Result: ☐ Yes ☐ No

Add'l Phone #:

Add'l Fax #:

REMARKS:

Standard TAT

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

4.80

- .5

1#113

Sample Condition

Cool Intact

☒ Yes ☐ No

CHECKED BY:

(Initials)

JTB

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

4.30

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 67194

CONDITIONS

Operator: Pima Environmental Services, LLC 5614 N Lovington Hwy Hobbs, NM 88240	OGRID: 329999
	Action Number: 67194
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	None	1/3/2022