

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	nAPP2308648014
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	Legacy Operating LLP	OGRID
Contact Name	Meredith O'Brien	Contact Telephone (720)327-1543
Contact email	mobrien@revenireenergy.com	Incident # (assigned by OCD) nAPP2308648014
Contact mailing address	1400 16th Street, Suite 510, Denver CO 80202	

Location of Release Source

Latitude 32.103964 Longitude -103.122760
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	South Justis Unit D24 Flowline	Site Type	Pasture
Date Release Discovered	03/24/2023	API# (if applicable)	

Unit Letter	Section	Township	Range	County
E	25	25S	37E	Lea

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

Nature and Volume of Release

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

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 5.5	Volume Recovered (bbls) 0
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 202.5	Volume Recovered (bbls) 0
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" 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 2" Flowline corroded and released produced water and crude oil into pasture.

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Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? Release amount larger than 25 BBLs
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>Meredith O'Brien</u>	Title: <u>Sr. Environmental Engineer</u>
Signature: <u>Meredith O'Brien</u>	Date: <u>05/02/2023</u>
email: <u>mobrien@revenirenergy.com</u>	Telephone: <u>(720)327-1543</u>
<u>OCD Only</u> Received by: _____ Date: _____	

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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?	69' (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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

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

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

State of New Mexico
Oil Conservation Division

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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: Meredith O'Brien Title: Sr. Environmental Engineer
Signature: Meredith O'Brien Date: 05/02/2023
email: mobrien@revenirenergy.com Telephone: (720)327-1543

OCD Only

Received by: _____ Date: _____

Incident ID	nAPP2308648014
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Application ID	

Remediation Plan

Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- ☒ Detailed description of proposed remediation technique
- ☒ Scaled sitemap with GPS coordinates showing delineation points
- ☒ Estimated volume of material to be remediated
- ☒ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☒ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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: Meredith O'Brien Title: Sr. Environmental Engineer
Signature: Meredith O'Brien Date: 05/02/2023
email: mobrien@revenireenergy.com Telephone: (720)327-1543

OCD Only

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

Characterization and Remediation Workplan
South Justis Unit D24 Flowline Failure
Produced Water and Crude Oil Release
Lea County, New Mexico
nAPP2308648014

Latitude: 32.103904
Longitude: -103.122760

April 26, 2023

Prepared by:
Meredith O'Brien, PE
Revenir Energy
1400 16th street Suite 510
Denver, CO 80202

Project Information

On March 24, 2023, a release was discovered due to corrosion of a 2" steel flowline. The flowline is in Lea County, NM and is used to transport wellbore fluids from the South Justis Unit D24 (API 30-025-11794). The release location, (Lat: 32.103904, Long: -103.122760) is identified in Figure 1 and measures roughly 3925 sqft.

Field and Contaminant Concentration Data

On April 10, 2023, soil samples were collected and submitted to Cardinal Laboratories. The analysis, including the chain of custody is attached in Appendix A and summarized in the table below.

Sample Name	Sample Depth	Chloride (ppm)	TPH (ppm)
S1	4'	ND	ND
S2	4'	2,280	ND
S3	4'	1,390	12.3
S4	6'	608	440.8
S5	5'	10,000	4,395

Additional samples will be collected as excavation begins to determine the horizontal bounds of the release area. (Figure 2)

Depth to Water Determination & Water Source Data

- There are no surface water features within 1,000 ft of the site
- There are no fresh water wells within 1,000 ft of the site (Figure 3)
- There are several groundwater monitoring wells to the east of the project within 1,000 ft
- Depth to water is approximately 70' according to the New Mexico Office of the State Engineer (NMOSE) (See Appendix B)

Remediation Levels and Plan

Contaminated soil above NMOCDC specified threshold will be excavated and hauled to an approved facility for disposal. Work at this project is anticipated to begin Monday, May 1, 2023, and will take approximately 1 week to complete excavation of contaminated soil as identified below. The total amount of soil to be excavated is approximately 930 cubic yards and is dependent on additional lab analysis as the project progresses.

- For the area designated by S1, visible surface contamination will be excavated to approximately 1' bgs and soil samples will be collected and analyzed for chloride (EPA Method 300) to confirm concentration below 600 ppm with possible removal of additional soil to achieve closure criteria as shown below in Table I. Approximately 23 cubic yards of soil to be removed from the project area.
- For the areas designated by S2-S4, contaminated soils will be excavated to 4' bgs and soil samples will be collected and analyzed for chloride (EPA Method 300) and TPH (EPA SW-846 Method 8015M) to confirm concentration below 10,000 ppm chlorides and 2,500 ppm TPH. Approximately 741 cubic yards of soil to be removed from the project area.

- For the area designated by S5, contaminated soils will be excavated to between 6-8' bgs and soil samples will be collected and analyzed for chloride (EPA Method 300) and TPH (EPA SW-846 Method 8015M) to confirm concentration below 10,000 ppm chlorides and 2,500 ppm TPH with possible removal of additional soil to achieve closure criteria as shown below in Table I. Approximately 164 cubic yards of soil to be removed from the project area.
- Additional soil samples will be collected as shown in Figure 2 to determine the horizontal extent of the release area. Pending results, additional soil may be excavated.

Groundwater in this area averages 70 feet bgs as shown in Appendix B, and current lab results show levels of Chlorides and TPH below closure criteria, with exception of Sample Area 5. After completion of excavations, Revenir Energy proposes confirmation samples in areas S1-S4 will be taken representing no more than 600 sqft each for the floors and no more than 200 sqft on the sidewalls. For the area of S5, samples will be taken representing no more than 200 sqft.

Table I Closure Criteria for Soils Impacted by a Release			
Minimum depth below any point within the horizontal boundary of the release to ground water less than 10,000 mg/l TDS	Constituent	Method*	Limit**
≤ 50 feet	Chloride***	EPA 300.0 or SM4500 Cl B	600 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	100 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg
51 feet-100 feet	Chloride***	EPA 300.0 or SM4500 Cl B	10,000 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	2,500 mg/kg
	GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg
>100 feet	Chloride***	EPA 300.0 or SM4500 Cl B	20,000 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	2,500 mg/kg
	GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg

*Or other test methods approved by the division.

**Numerical limits or natural background level, whichever is greater.

***This applies to releases of produced water or other fluids, which may contain chloride.

[19.15.29.12 NMAC - N, 8/14/2018]

Restoration, Reclamation, and Re-Vegetation

Once all contaminant levels are confirmed below closure criteria, the excavation will be backfilled with non-waste containing, uncontaminated, earthen material. The area will be re-seeded in the first favorable growing season following closure of the site.

Maps

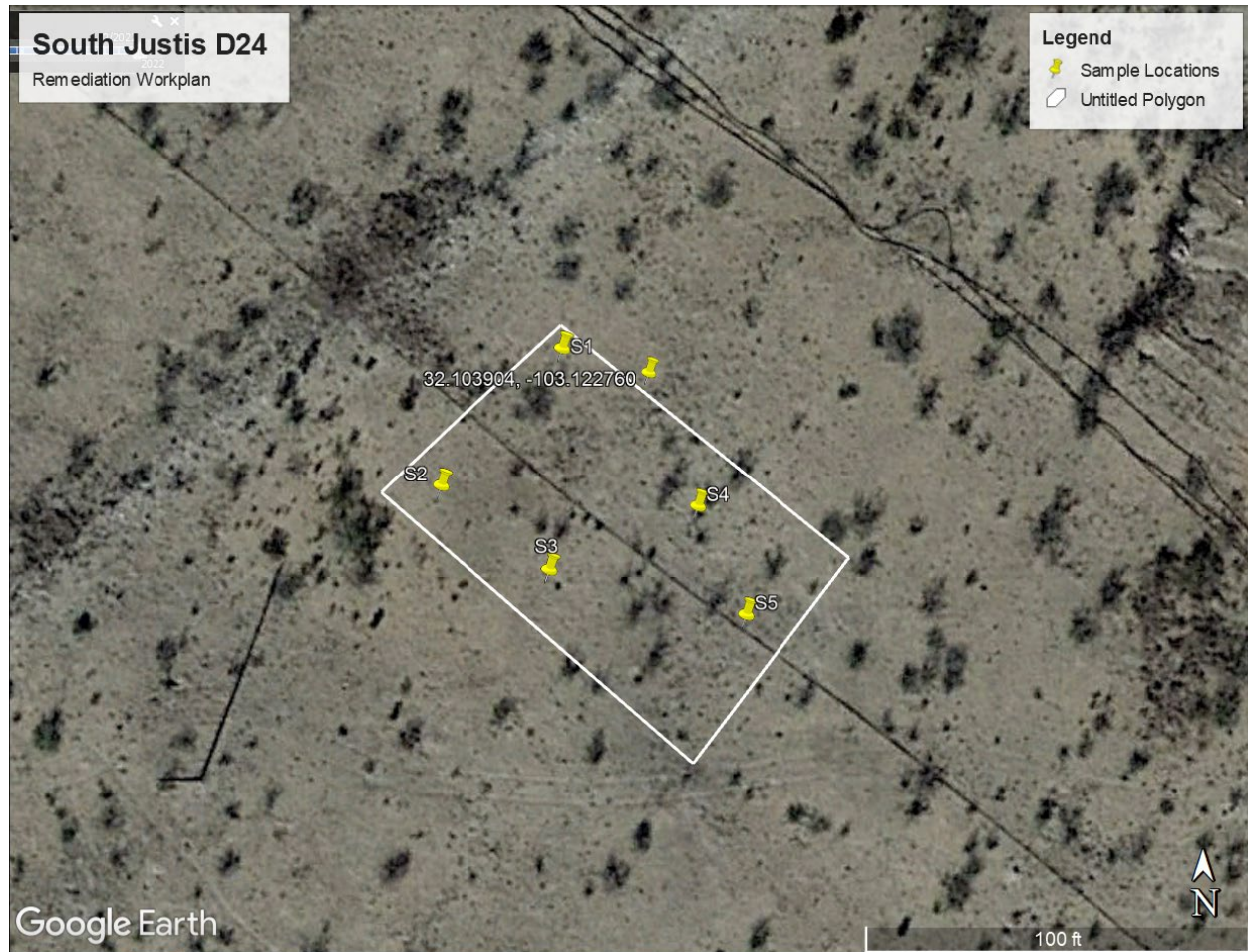


Figure 1: South Justis Unit D 24 Release Area

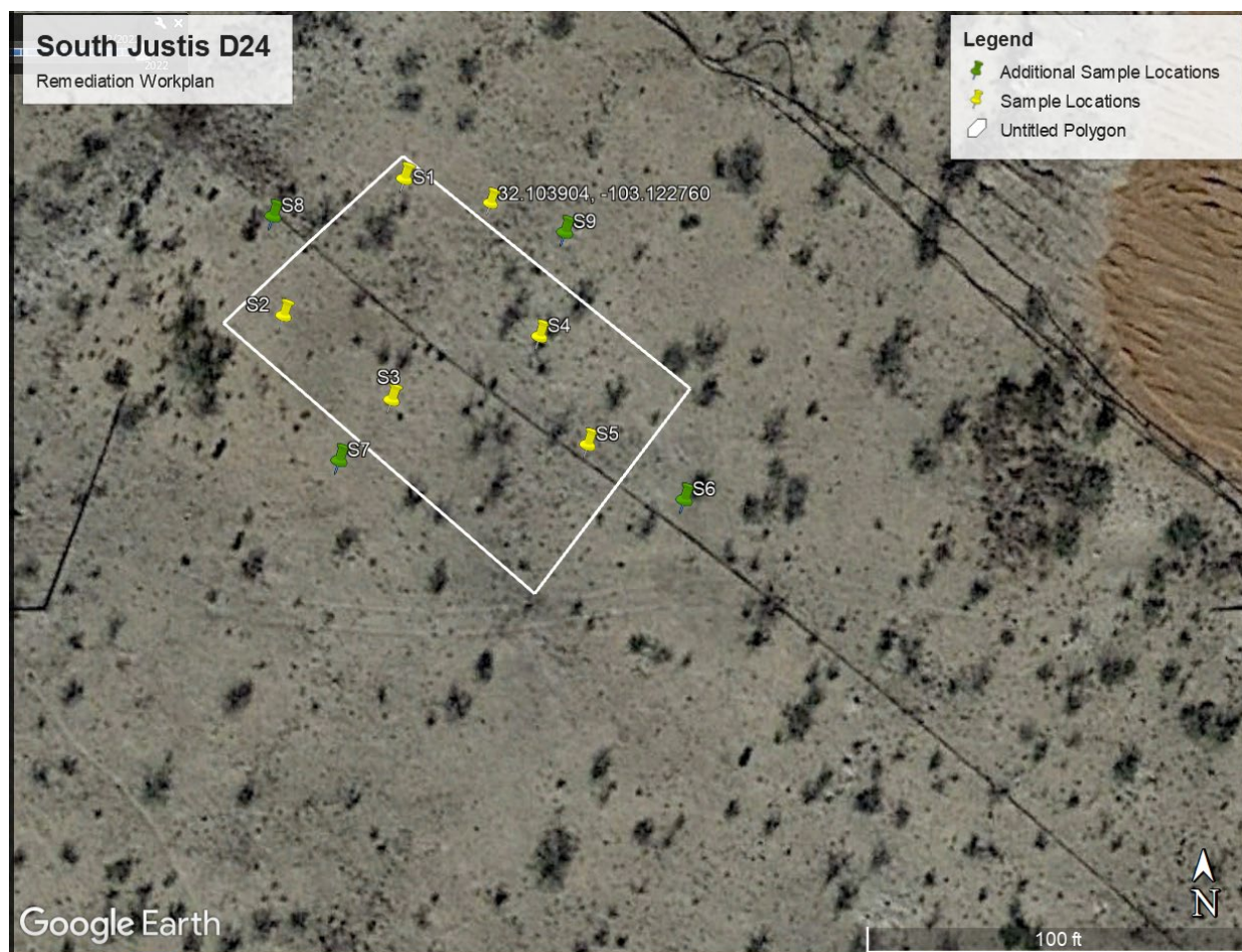
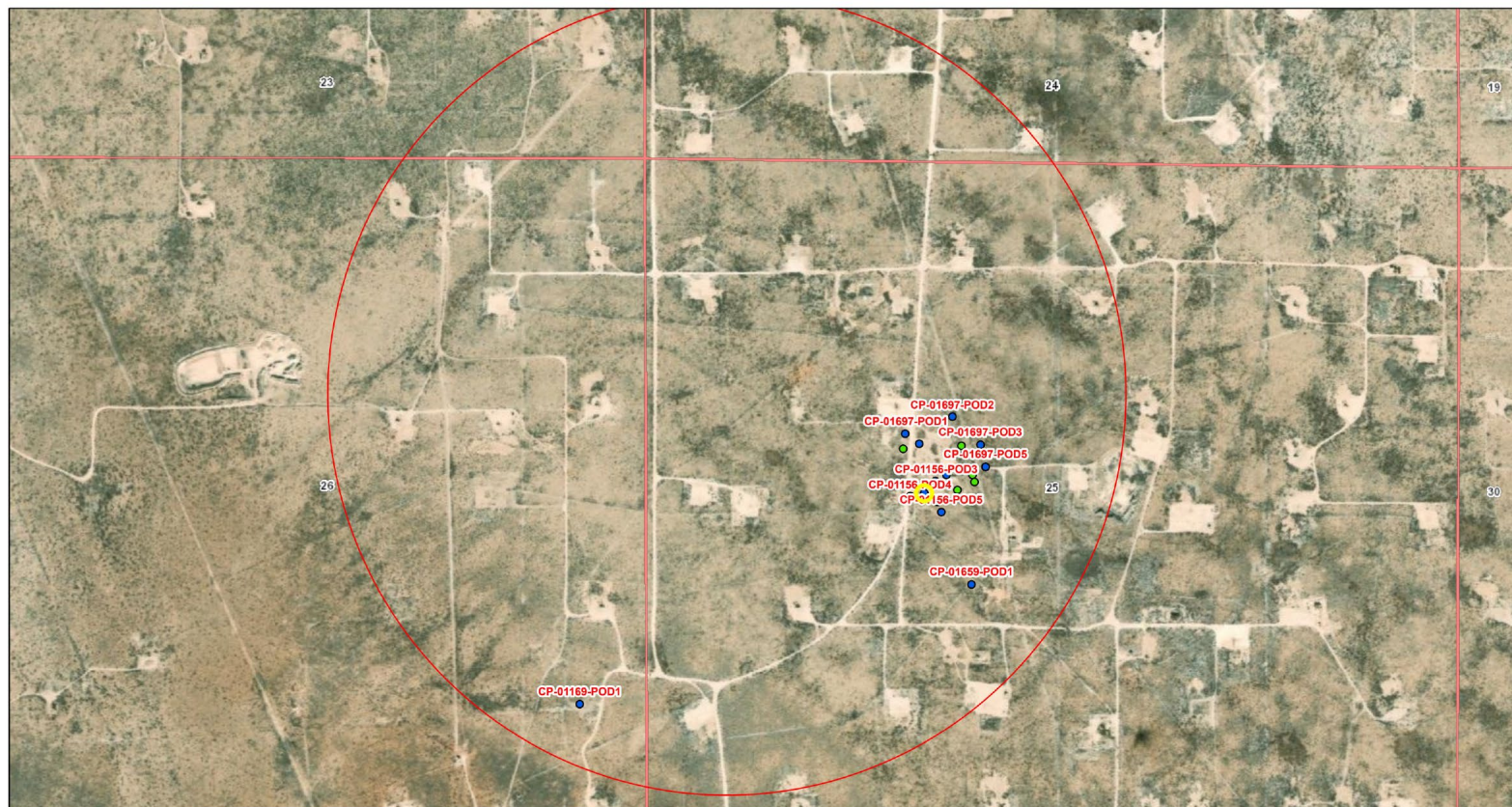


Figure 2: Location of Additional Soil Samples to be Taken

OSE POD Locations Map



4/27/2023, 4:03:18 PM

GIS WATERS PODs ● Pending SiteBoundaries
● Active OSE District Boundary Sections

1:9,028
0 0.07 0.15 0.3 mi
0 0.15 0.3 0.6 km

Esri, HERE, IPC, OSE SLO, U.S. Department of Energy
Office of Legacy Management, Esri, HERE, Garmin, IPC,
Maxar

Web Generated Map
Map is generated by web users.

Figure 3: NMOSE POD Map

Photographs

Planimeter Measurement Report

Project Name:
SJU D24

Project Description:
Steel Flowline Leak

Measurement Date: 24-Mar-2023 10:37 MDT

Distance : 348.68 feet
Area : 3924.96 feet²
Perimeter : 109.81 m
Number of points : 17
Location : 32.103799, -103.122691

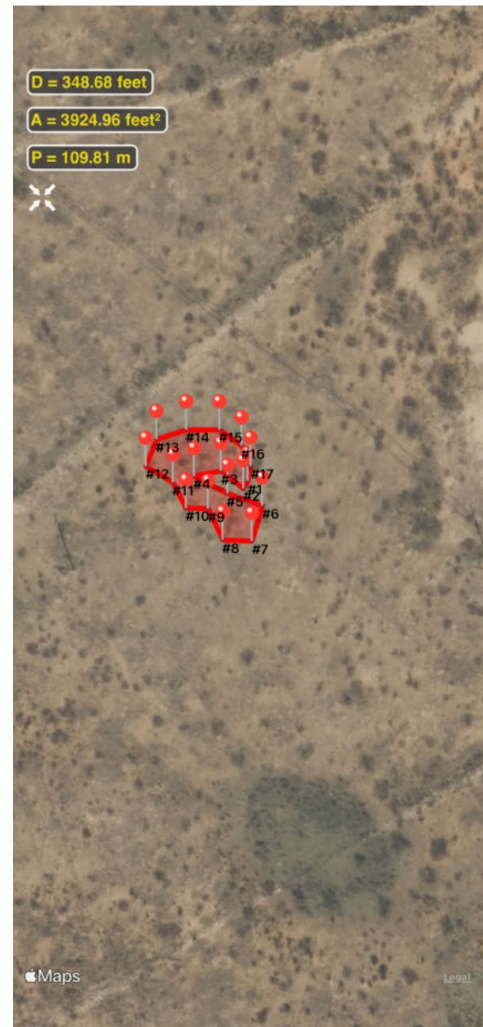
Points:

Num, Lat, Lng, Note

=====

#1: 32.103799, -103.122691,
#2: 32.103783, -103.122702,
#3: 32.103819, -103.122756,
#4: 32.103809, -103.122822,
#5: 32.103774, -103.122741,
#6: 32.103748, -103.122656,
#7: 32.103675, -103.122681,
#8: 32.103678, -103.122752,
#9: 32.103742, -103.122787,
#10: 32.103744, -103.122841,
#11: 32.103795, -103.122873,

#12: 32.103829, -103.122938,
#13: 32.103884, -103.122913,
#14: 32.103904, -103.122841,
#15: 32.103904, -103.122760,
#16: 32.103872, -103.122706,
#17: 32.103830, -103.122684,







Appendix A

Laboratory Analysis



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

April 14, 2023

MELECIO OROZCO

SUPERIOR OILFIELD SERVICE

P. O. BOX 73

EUNICE, NM 88231

RE: LMPSU D24

Enclosed are the results of analyses for samples received by the laboratory on 04/10/23 15:47.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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:

SUPERIOR OILFIELD SERVICE
MELECIO OROZCO
P. O. BOX 73
EUNICE NM, 88231
Fax To:

Received: 04/10/2023
Reported: 04/14/2023
Project Name: LMPSTU D24
Project Number: NONE GIVEN
Project Location: LEGACY

Sampling Date: 04/10/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S 1 - 4' (H231676-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/13/2023	ND	416	104	400	0.00	
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	04/13/2023	ND	192	96.1	200	3.61	
DRO >C10-C28*	<10.0	10.0	04/13/2023	ND	189	94.3	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	04/13/2023	ND					
Surrogate: 1-Chlorooctane	91.7 %	48.2-134							
Surrogate: 1-Chlorooctadecane	97.5 %	49.1-148							

Sample ID: S 2 - 4' (H231676-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2280	16.0	04/13/2023	ND	416	104	400	0.00	
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	04/13/2023	ND	192	96.1	200	3.61	
DRO >C10-C28*	<10.0	10.0	04/13/2023	ND	189	94.3	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	04/13/2023	ND					
Surrogate: 1-Chlorooctane		95.0 %	48.2-134						
Surrogate: 1-Chlorooctadecane		104 %	49.1-148						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

SUPERIOR OILFIELD SERVICE
MELECIO OROZCO
P. O. BOX 73
EUNICE NM, 88231
Fax To:

Received: 04/10/2023
Reported: 04/14/2023
Project Name: LMPSU D24
Project Number: NONE GIVEN
Project Location: LEGACY

Sampling Date: 04/10/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S 3 - 4' (H231676-03)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1390	16.0	04/13/2023	ND	416	104	400	0.00	
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	04/13/2023	ND	192	96.1	200	3.61	
DRO >C10-C28*	12.3	10.0	04/13/2023	ND	189	94.3	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	04/13/2023	ND					
Surrogate: 1-Chlorooctane	98.7 %	48.2-134							
Surrogate: 1-Chlorooctadecane	109 %	49.1-148							

Sample ID: S 4 - 6' (H231676-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	04/13/2023	ND	416	104	400	0.00	
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	04/13/2023	ND	192	96.1	200	3.61	
DRO >C10-C28*	383	10.0	04/13/2023	ND	189	94.3	200	4.80	
EXT DRO >C28-C36	57.8	10.0	04/13/2023	ND					
Surrogate: 1-Chlorooctane	105 %	48.2-134							
Surrogate: 1-Chlorooctadecane	117 %	49.1-148							

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

SUPERIOR OILFIELD SERVICE
 MELECIO OROZCO
 P. O. BOX 73
 EUNICE NM, 88231
 Fax To:

Received: 04/10/2023
 Reported: 04/14/2023
 Project Name: LMPSU D24
 Project Number: NONE GIVEN
 Project Location: LEGACY

Sampling Date: 04/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S 5 - 5' (H231676-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10000	16.0	04/13/2023	ND	416	104	400	0.00	
TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	39.9	10.0	04/14/2023	ND	192	96.1	200	3.61	
DRO >C10-C28*	3560	10.0	04/14/2023	ND	189	94.3	200	4.80	
EXT DRO >C28-C36	795	10.0	04/14/2023	ND					
Surrogate: 1-Chlorooctane	111 %	48.2-134							
Surrogate: 1-Chlorooctadecane	129 %	49.1-148							

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO

ANALYSIS REQUEST

Company Name: Superior Oilfield Services		P.O. #:
Project Manager: Melicio Oadco		Company: Legacy Res.
Address: 3386 V Bendy		Attn: Manuel Soriano
City: Hobbs		Address: 15 Smith Rd
Phone #: 575-631-1217		City: Midland TX
Fax #:		State: TX Zip: 79705
Project #: Project Owner: Legacy		Phone #: 432-269-8804
Project Location: LMPsu D24		Fax #:
Sampler Name:		
FOR LAB USE ONLY		

FOR LAB USE ONLY																	
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		MATRIX		PRESERV.		SAMPLING	

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Verbal Result: ☐ Yes ☐ No Add'l Phone #:

All Results are emailed. Please provide Email address:

REMARKS: J Soriano @ legacylp.com

Relinquished By: Melicio Oadco	Date: 4-10-23	Received By: Manuel Soriano
Relinquished By:	Time: 1:547	Received By:
Date:	Time:	

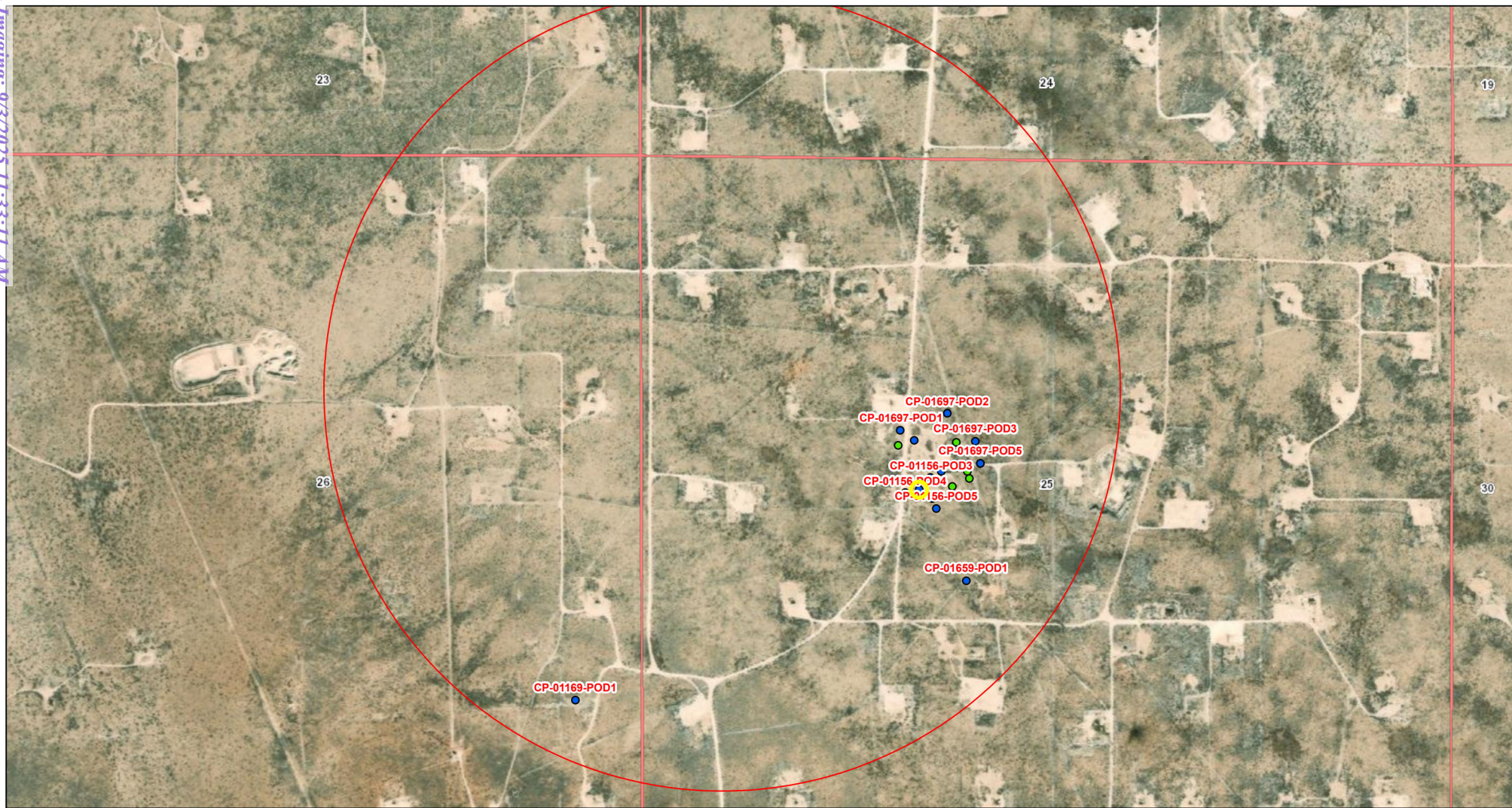
Delivered By: (Circle One)	Observed Temp. °C 59	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) AO	Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	Corrected Temp. °C
Sampler - UPS - Bus - Other:	Corrected Temp. °C 53	<input type="checkbox"/> Yes <input type="checkbox"/> No		Thermometer ID #113	Corrected Temp. °C	
FORM 006 REV 07/10/22				Correction Factor -0.6°C		

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinalabsnm.com

Appendix B

Groundwater Data

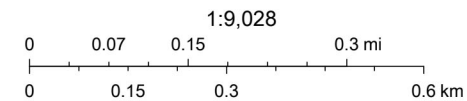
OSE POD Locations Map



4/27/2023, 4:03:18 PM

GIS WATERS PODs

● Active	● Pending	▨ SiteBoundaries
▭ OSE District Boundary	▭ Sections	



Esri, HERE, iPC, OSE SLO, U.S. Department of Energy
Office of Legacy Management, Esri, HERE, Garmin, iPC,
Maxar

Web Generated Map
Map is generated by web users.



SITE CHARACTERIZATION, REMEDIATION, AND CLOSURE REPORT

**SOUTH JUSTIS UNIT #24 FLOWLINE
32.103843, -103.122835
UNIT E, SECTION 25, T25S-R37E
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT ID # nAPP2308648014**

PREPARED FOR:


**TEAM OPERATING LLC
P.O. BOX 835
PINEHURST, TX 77362**

PREPARED BY:

**RANGER ENVIRONMENTAL SERVICES, LLC
P.O. BOX 201179
AUSTIN, TEXAS 78720**

RANGER REFERENCE #6970

JULY 16, 2025


**Patrick K. Finn, P.G. (TX)
Project Geologist**


**William Kierdorf, REM
Project Manager**

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- Area Map
- Depth-to-Groundwater Information Location Map
- National Wetland Inventory Map
- Karst Topography Map
- Final Excavation Area and Confirmation Sample Location Map

TABLES

- Confirmation Sample Soil BTEX (EPA 8021), TPH (EPA 8015) & Chloride (SM4500) Analytical Data

ATTACHMENTS

- Attachment 1 – Site Photographs
- Attachment 2 – Depth-to-Groundwater Information
- Attachment 3 – Laboratory Analytical Report
- Attachment 4 – NMOCD Sampling Notification



**SITE CHARACTERIZATION, REMEDIATION, AND CLOSURE REPORT
SOUTH JUSTIS UNIT #24 FLOWLINE
32.103843, -103.122835
UNIT E, SECTION 25, T25S-R37E
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT ID# nAPP2504260553**

1.0 SITE LOCATION AND BACKGROUND

The South Justis Unit 24 Flowline (Site) is located on private property, approximately 4.2 miles southeast of Jal, within Lea County, New Mexico. The Site is situated in Unit E, Section 25, T25S-R37E at GPS coordinates 32.119208, -103.116675.

On March 24, 2023, a release originating from the two-inch steel flowline associated with the South Justis Unit #24 well was discovered. Upon discovery, the flowline was taken out-of-service and emergency response efforts were initiated. The line failure resulted in the release of approximately six barrels (bbls) of crude oil and 203 bbls of produced water. Due to volume of the release, the incident was reported to the New Mexico Oil Conservation Division (NMOCD) on March 27, 2023. At the time of the subject incident, the South Justis Unit 24 well and flowline were operated by Legacy Reserves Operating, LP (Legacy). Due to a transfer of operations/lease rights from Legacy to Team Operating, LLC (Team Operating), initiated in October 2023, Team Operating is now responsible for the completion of remedial efforts associated with the Incident.

On April 10, 2023, representatives of Legacy completed assessment activities at the Site to determine the extent of impacts associated with the release incident. The findings of the assessment activities as well as a proposed remedial strategy for the Site were included in a *Characterization and Remediation Workplan*, dated April 26, 2023. On July 24, 2023, the NMOCD approved of the proposed remedial strategy with conditions of approval. However, based on available information, remedial efforts were not completed at the Site.

Team Operating engaged Ranger Environmental Services, LLC (Ranger) to assist in the site remedial efforts. In order to address the impacts associated with the release, remedial soil removal operations were conducted at the Site. This report has been prepared to document the completed remedial efforts and to request closure of the incident.

A *Topographic Map* and *Area Map* depicting the location of the Site and surrounding areas, and a *Final Excavation Area and Confirmation Sample Location Map* illustrating the Site features and sampling locations, are included in the *Figures* section.

2.0 SITE CHARACTERIZATION

2.1 Depth-to-Groundwater

To determine the depth-to-groundwater in the vicinity of the Site, data available from the U.S. Geological Survey (USGS) and the New Mexico Office of the State Engineer (NMOSE) was reviewed. Based upon the reviewed information, multiple monitoring/water wells were identified within a half-mile radius of the Site. A majority of the reported wells appear to be monitoring wells associated with a groundwater impact/abatement project ("*Plains All American Pipeline, LP, 14-Inch Vac to Jal Legacy*" Incident ID nAPP2109729126) located to the southeast of the subject release location.

Based on the reviewed information, primarily the current (2022-2023) well gauging data from the monitoring wells located at the groundwater impact/abatement project to the southeast of the subject Site, the depth-to-groundwater in the area of the Site appears to be greater than 60 feet below ground surface (bgs).

Copies of the reviewed depth-to-groundwater data are included in *Attachment 2*.

2.2 Wellhead Protection Area

Based upon review of the USGS and NMOSE well records, multiple water wells/potential water sources are located within a half-mile of the Site. Below is a list of reported the reported well locations and distance from the Site:

<u>Well ID</u>	<u>Reported Distance from Site</u>
USGS 320614103072901	~ 576 feet west
CP 01619 POD1	~ 970 feet southeast
CP 01697 POD1	~ 980 feet east
CP 01156 POD1	~ 1,076 feet southeast
CP 01156 POD4	~ 1,136 feet southeast
CP 01345 POD1	~ 1,209 feet southeast
CP 01156 POD3	~ 1,246 feet southeast
CP 01697 POD2	~ 1,274 feet southeast
CP 01345 POD2	~ 1,296 feet southeast
CP 01345 POD3	~ 1,312 feet southeast
CP 01619 POD2	~ 1,350 feet southeast
CP 01619 POD2	~ 1,357 feet southeast
CP 01156 POD5	~ 1,395 feet southeast
CP 01156 POD2	~ 1,406 feet southeast
CP 01619 POD4	~ 1,412 feet southeast
CP 01619 POD3	~ 1,461 feet southeast
CP 01697 POD3	~ 1,478 feet southeast
CP 01619 POD5	~ 1,494 feet southeast
CP 01697 POD4 / CP 01697 POD5	~ 1,534 feet southeast
CP 01659 POD1	~ 1,775 feet southeast
CP 01169 POD1	~ 2,241 feet southwest
USGS 320547103065702	~ 2,270 feet southeast

Upon review of the National Wetland Inventory, the impacted area does not lie within 300 feet of a mapped feature.

The Site is situated within a Federal Emergency Management Act (FEMA) designated *Flood Zone D* area, characterized as “Areas in which flood hazards are undetermined, but possible.”

The Site is within an area of “Low Karst” probability.

2.3 Distance to Nearest Significance Watercourse

Based upon available online resources, no significant watercourses are located within a half-mile of the site.

2.4 Closure Criteria

The site remedial efforts were completed to the 19.15.29.12 NMAC Table 1 (groundwater ≤ 50) criteria (Table 1 Closure Criteria). Additionally, the remediation activities were completed to bring the area into compliance with the Restoration, Reclamation and Re-Vegetation Criteria (Reclamation Criteria) detailed in NMAC 19.15.29.13. The regulatory criteria are summarized below:

CLEANUP CRITERIA

REGULATORY STANDARD	CHLORIDE	TPH (GRO+DRO +MRO)	BTEX	BENZENE
19.15.29.12 NMAC Table 1 Closure Criteria for Soils Impacted by a Release (GW $\leq 50'$) & 19.15.29.13 NMAC Restoration, Reclamation and Re- Vegetation (Soils 0'-4')	600	100 ¹	50 ¹	10 ¹

All Values Presented in Parts Per Million (mg/Kg)

1. Value derived from the State of New Mexico Energy, Minerals and Natural Resources Department document *Procedures for the Implementation of Digital C-141 and the release rule (19.15.29 NMAC) dated December 1, 2023.*

3.0 SITE REMEDIATION

3.1 Soil Removal and Cleanup Confirmation Sampling

To address the impacts associated with the release incident, remedial soil removal operations were completed at the Site. Upon completion of the initial removal operations, the excavated area had maximum dimensions of approximately 100 feet by 50 feet by four (4) feet deep.

On June 19, 2025, representatives of Team Operating collected initial cleanup confirmation soil samples in the excavated areas. The confirmation sampling activities were completed in accordance with NMAC 19.15.29.12; therefore, each cleanup confirmation soil sample was collected as a five-part composite sample representing less than 200 square feet. A total of seven cleanup confirmation soil samples were collected from the excavation area side walls and 27 samples were collected from the excavation base for laboratory analysis.

Upon collection, the soil samples were submitted to Cardinal Laboratories in Hobbs, New Mexico for analysis of total petroleum hydrocarbons (TPH) using Environmental Protection Agency (EPA) Method 8015; benzene, toluene, ethylbenzene, and total xylenes (BTEX) using EPA Method 8021; and, total chloride using Method SM 4500. The samples were collected and managed using standard QA/QC and chain-of-custody procedures.

Upon review of the cleanup confirmation soil sample analytical results, all samples were documented to contain BTEX, TPH and chloride concentrations below the Table 1 Closure Criteria and Reclamation Criteria detailed above.

A summary table is included in the *Tables* section which provides a summary of the analytical results for the cleanup confirmation soil samples collected during the remediation process. Copies of the laboratory analytical report and chain-of-custody documentation are included in *Attachment 3*. A *Final Excavation Area and Confirmation Sample Location Map* is included in the *Figures* section which depicts the boundaries and depths of the excavated areas and the cleanup confirmation soil sample locations.

3.2 Waste Disposal

All soils generated during the remedial excavation activities were transported and disposed of at Sundance Services disposal facility in Lea County, New Mexico. In total, approximately 580 cubic yards of material were excavated and transported to the disposal facility.

4.0 SITE CLOSURE

4.1 Site Backfill & Re-seeding

Based on the cleanup confirmation soil sample analytical results, the excavated areas have been backfilled with clean fill material in accordance with NMAC 19.15.29.12 and NMAC 19.15.29.13. Prior to backfill operations, on July 3, 2025, Team Operating representatives collected a soil sample from the material designated for backfill at the Site. Upon collection the sample was submitted to Cardinal Laboratories in Hobbs, New Mexico for analysis of TPH, BTEX, chloride using the aforementioned laboratory methods. Upon review of the soil sample analytical results, the sample was documented to contain BTEX, TPH, and chloride concentrations below the Table 1 Closure Criteria and Reclamation Criteria detailed above. A copy of the laboratory analytical report is included in *Attachment 3*.

Re-vegetation efforts will be completed in accordance with NMAC 19.15.29.13. Upon completion of the re-vegetation efforts, a site reclamation report will be prepared and submitted to the NMOCD.

4.2 Closure Request

Based on the results of the cleanup confirmation soil sample analytical results, the Site has been properly addressed pursuant to NMAC 19.15.29 and Team Operating respectfully requests closure of the incident.

*Site Characterization, Remediation, and Closure Report
South Justis Unit #24 Flowline
Team Operating, LLC*

5.0 LIMITATIONS

This report is based solely on available records and data and client-provided information. Ranger assumes that the information received is true and reliable. Ranger assumes no responsibility for inaccuracies in such items which may be revealed as a result of subsequent action, either by Ranger or others. Figures, maps, aerial photographs, or similar documents in the report may show approximate locations, boundaries, or similar information and are included to assist the reader. Ranger has made no survey of the Site area or property. All conclusions and recommendations are based upon data available to, or supplied to, Ranger. No other warranty is expressed or implied.

FIGURES

Topographic Map

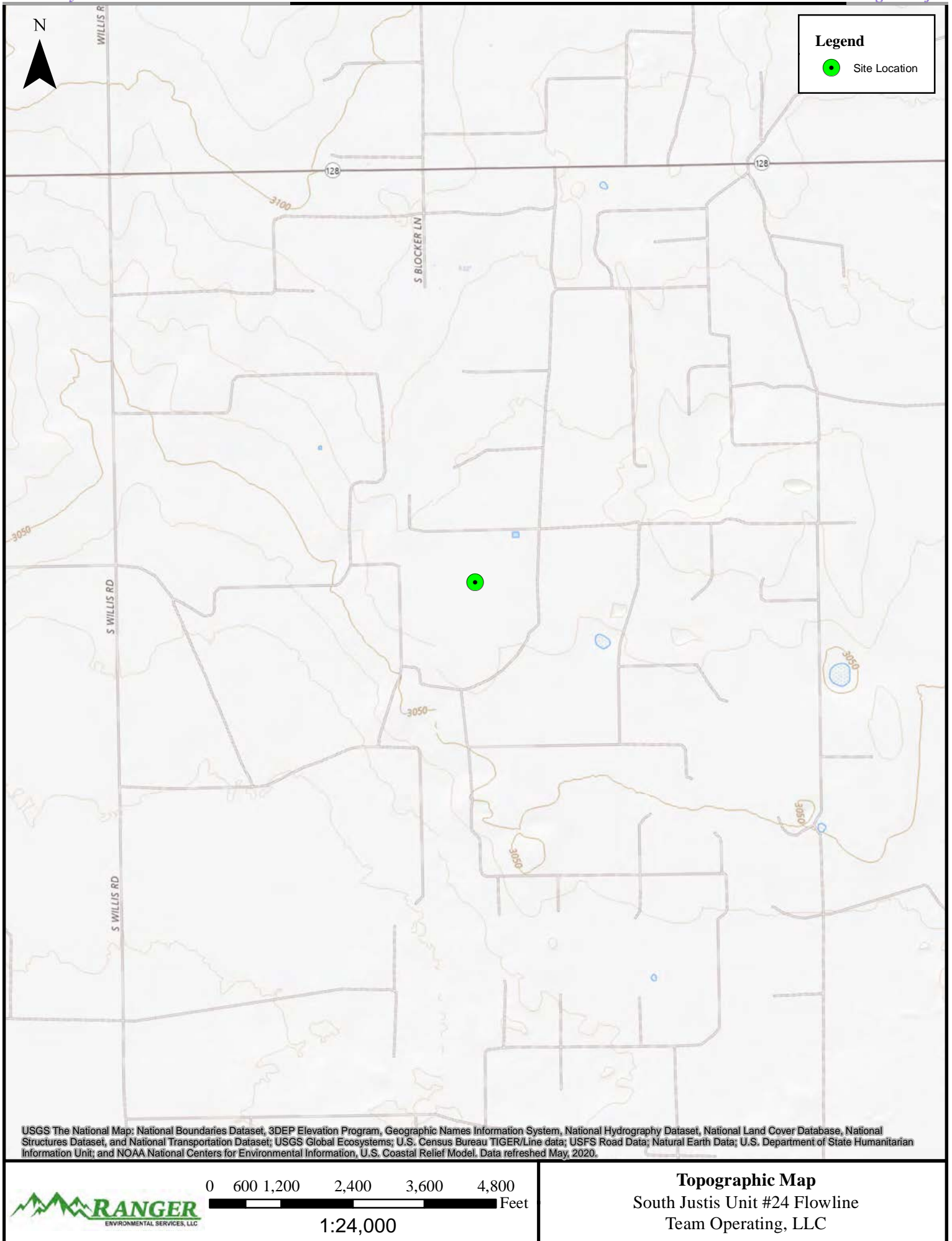
Area Map

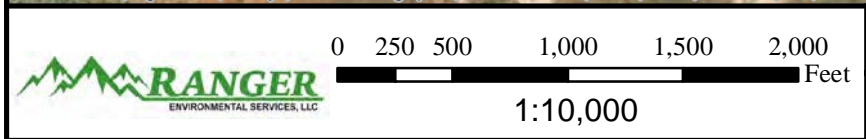
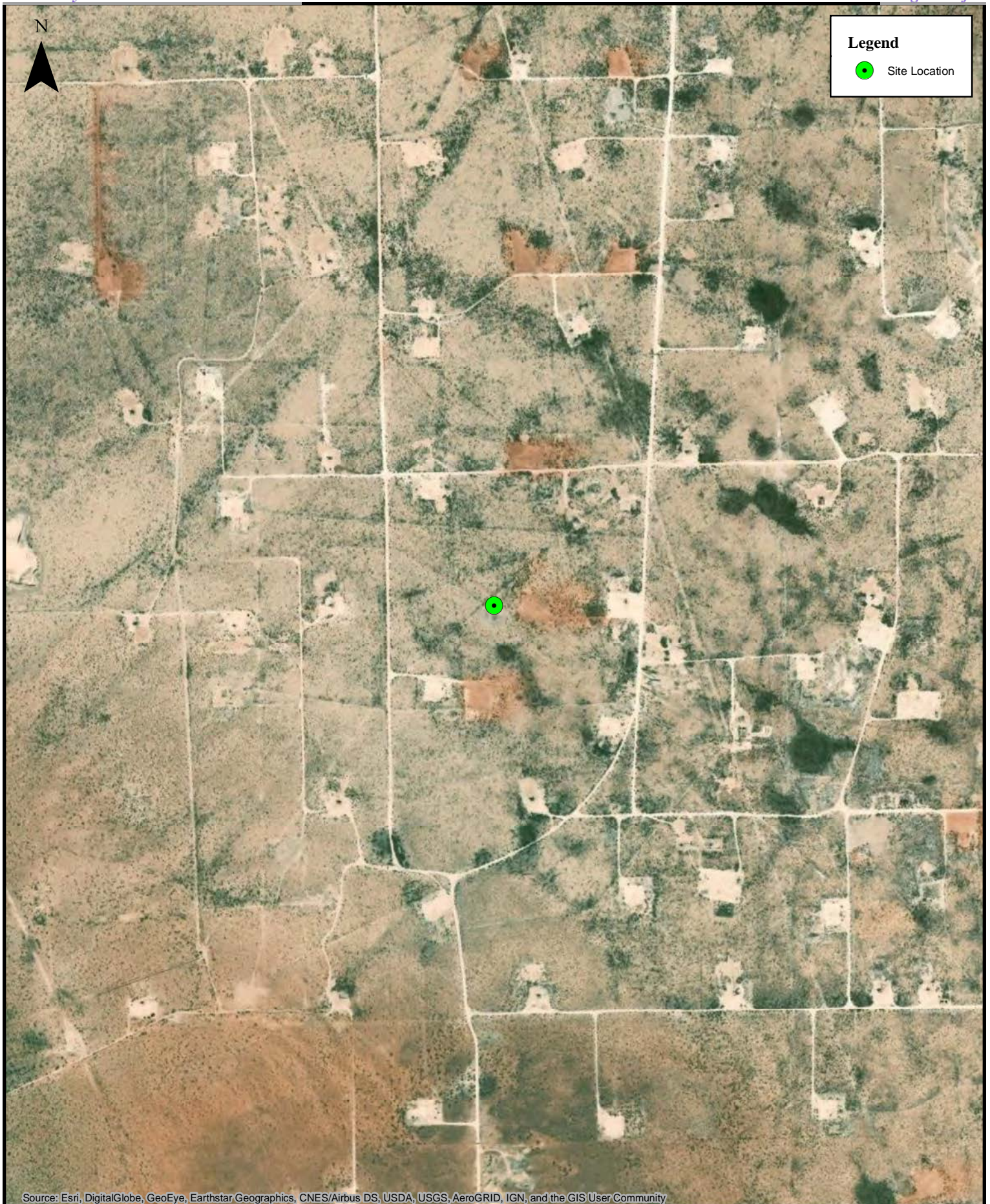
Depth-to-Groundwater Information Location Map

National Wetland Inventory Map

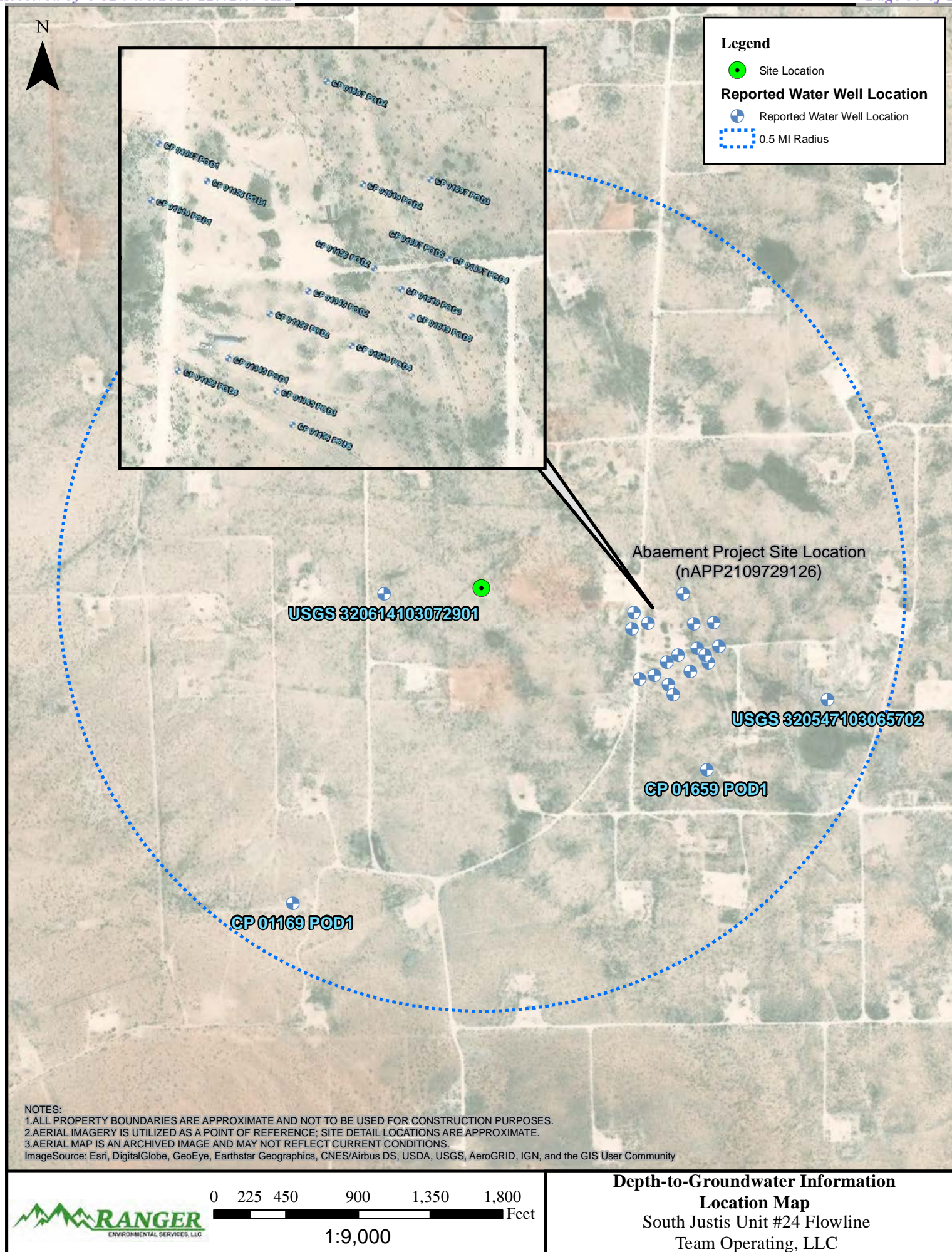
Karst Topography Map

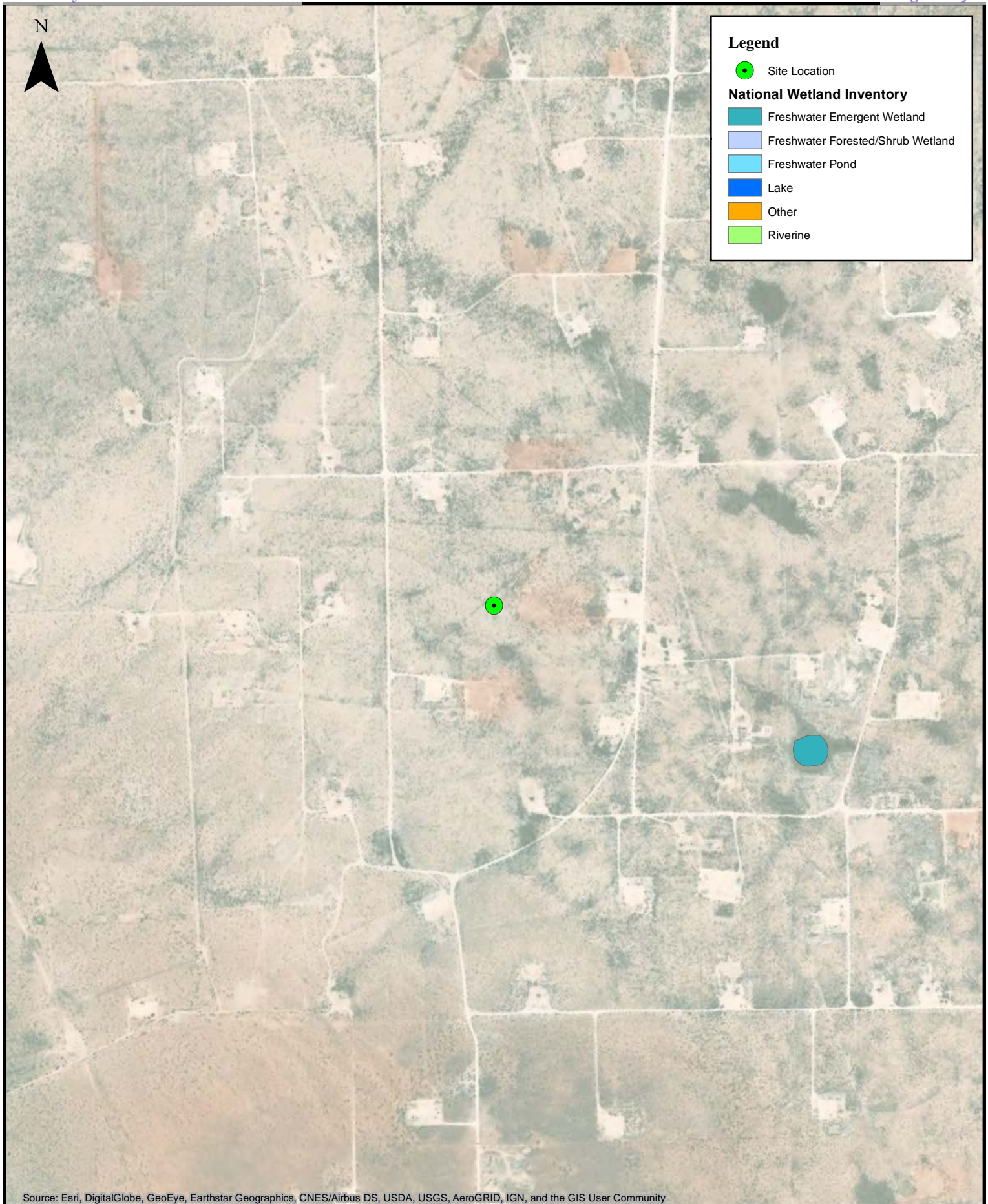
Final Excavation Area and Confirmation Sample Location Map






Area Map
South Justis Unit #24 Flowline
Team Operating, LLC







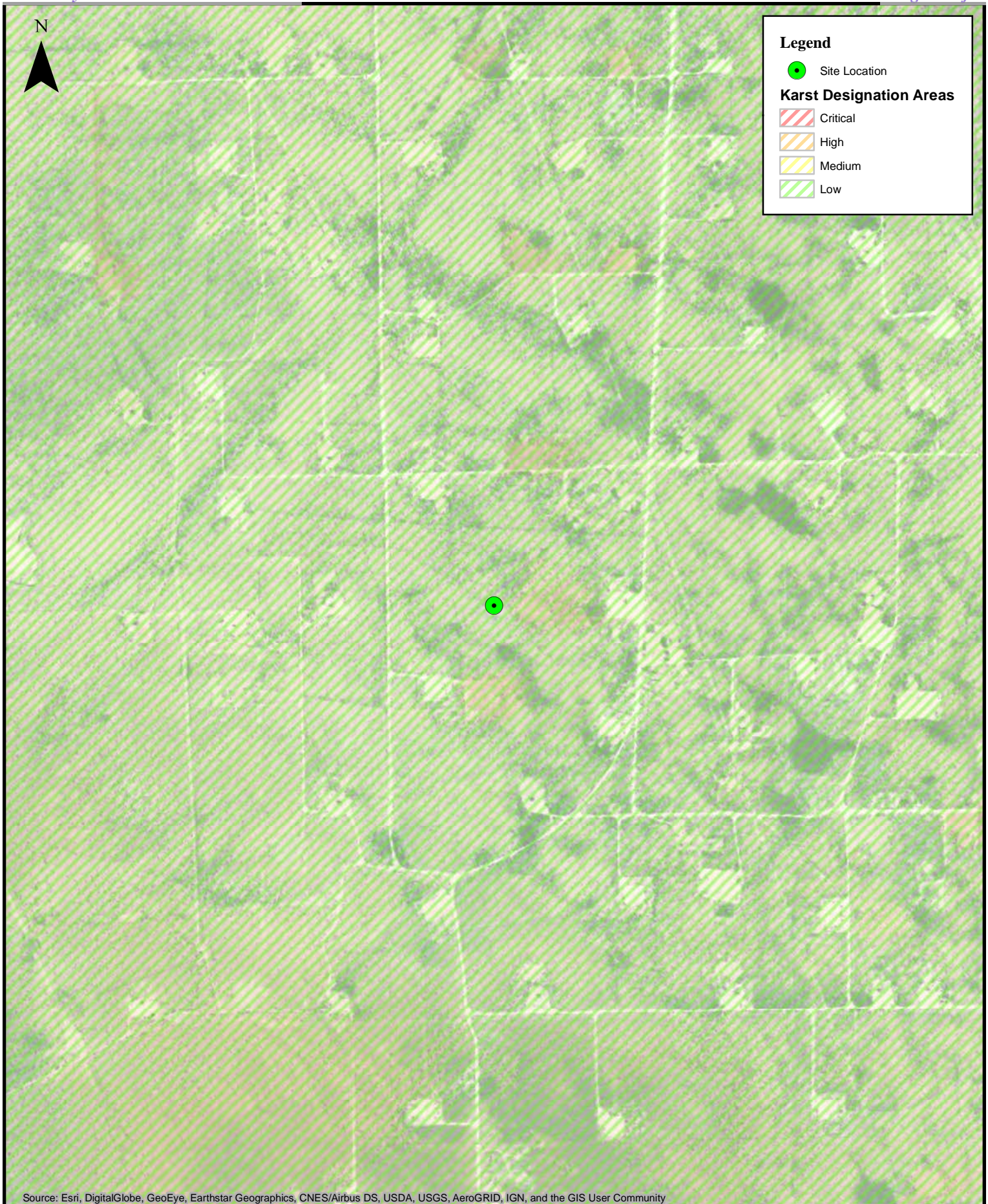
0 250 500 1,000 1,500 2,000 Feet

1:10,000

National Wetland Inventory Map

South Justis Unit #24 Flowline

Team Operating, LLC



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



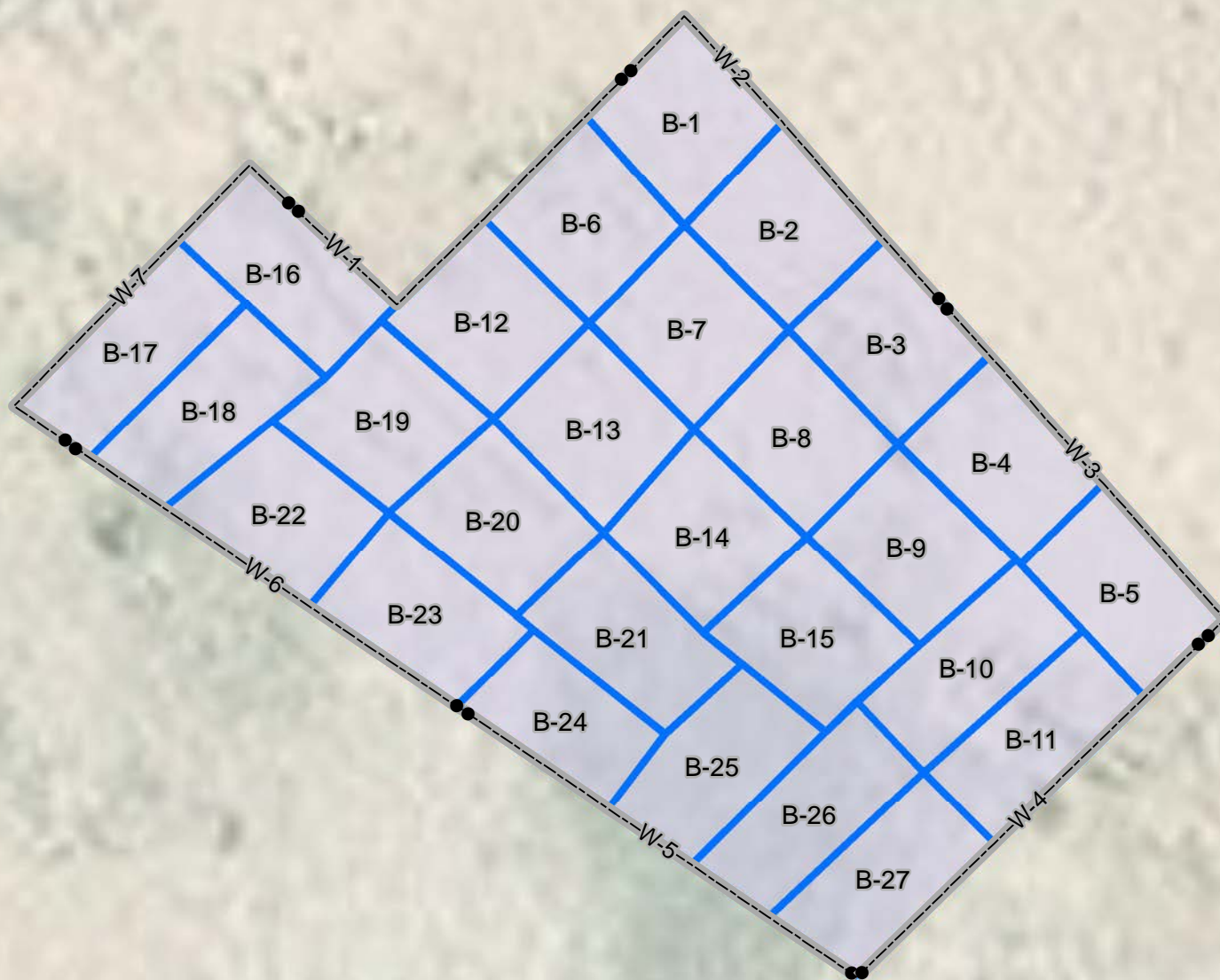
0 250 500 1,000 1,500 2,000 Feet

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Karst Topography Map
South Justis Unit #24 Flowline
Team Operating, LLC

**Legend**

- Excavation Area (~4' Deep)
- Excavation Wall Sample Area
- Excavation Base Sample Area

**NOTES:**

1. ALL PROPERTY BOUNDARIES ARE APPROXIMATE AND NOT TO BE USED FOR CONSTRUCTION PURPOSES.
2. AERIAL IMAGERY IS UTILIZED AS A POINT OF REFERENCE; SITE DETAIL LOCATIONS ARE APPROXIMATE.
3. AERIAL MAP IS AN ARCHIVED IMAGE AND MAY NOT REFLECT CURRENT CONDITIONS.

ImageSource: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



0 5 10 20 30 40 Feet

1:200

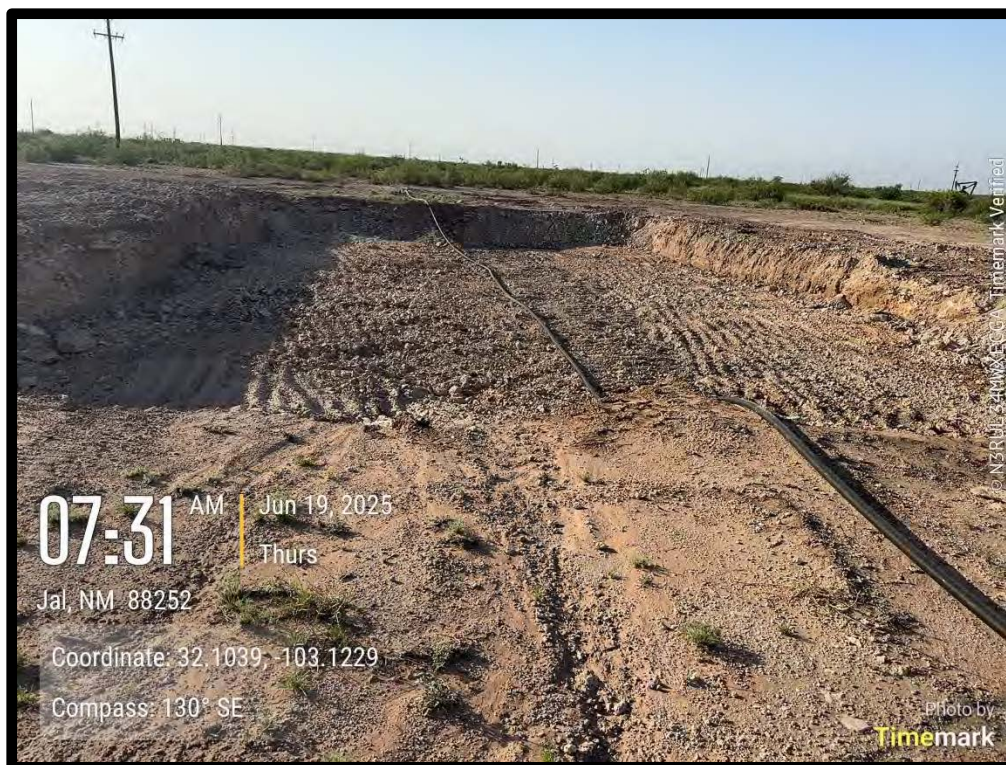
**Final Excavation Area and Confirmation
Sample Location Map**
South Justis Unit #24 Flowline
Team Operating, LLC

TABLES

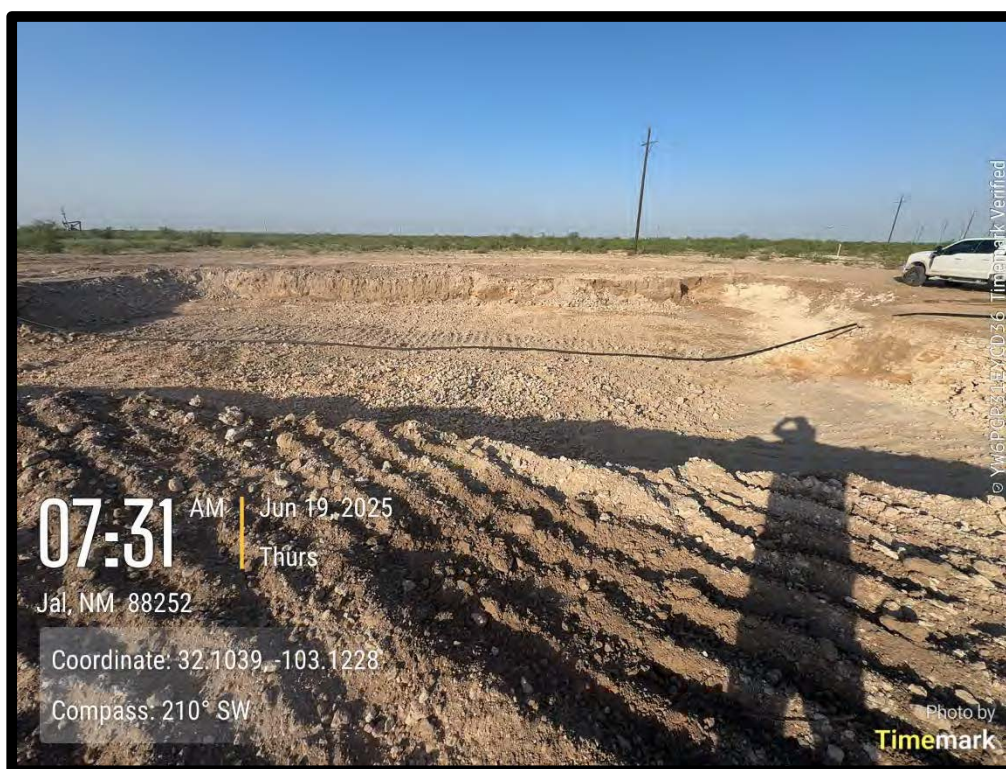
Confirmation Sample Soil BTEX (EPA 8260), TPH (EPA 8015) &
Chloride (SM4500) Analytical Data

CONFIRMATION SOIL SAMPLE BTEX (EPA 8021), TPH (SW 8015) & CHLORIDE (SM 4500) ANALYTICAL DATA TEAM OPERATING, LLC SOUTH JUSTIS UNIT #24 FLOWLINE All values presented in parts per million (mg/Kg)													
SAMPLE ID	DATE	DEPTH (FT)	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C6-C10	TPH DRO C10-C28	TPH MRO C28-C36	TPH (GRO+DRO)	TPH (GRO+DRO+MRO)	CHLORIDE
Excavation Base Soil Samples													
B-1	6/19/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	<16.0
B-2	6/19/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	<16.0
B-3	6/19/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	<16.0
B-4	6/19/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	<16.0
B-5	6/19/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	<16.0
B-6	6/19/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	<16.0
B-7	6/19/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	<16.0
B-8	6/19/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	<16.0
B-9	6/19/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	<16.0
B-10	6/19/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	<16.0
B-11	6/19/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	<16.0
B-12	6/19/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	<16.0
B-13	6/19/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	<16.0
B-14	6/19/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	16.0
B-15	6/19/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	<16.0
B-16	6/19/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	32.0
B-17	6/19/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	16.0
B-18	6/19/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	<16.0
B-19	6/19/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	<16.0
B-20	6/19/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	32.0
B-21	6/19/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	<16.0
B-22	6/19/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	<16.0
B-23	6/19/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	<16.0
B-24	6/19/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	16.0
B-25	6/19/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	32.0
B-26	6/19/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	<16.0
B-27	6/19/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	<16.0
Excavation Side Wall Soil Samples													
W-1	6/19/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	32.0
W-2	6/19/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	16.0
W-3	6/19/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	<16.0
W-4	6/19/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	<16.0
W-5	6/19/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	<16.0
W-6	6/19/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	<16.0
W-7	6/19/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	<16.0
19.15.29.12 NMAC Table 1 Closure Criteria for Soils Impacted by a Release (GW ≤ 50')			10	---	---	---	50	---	---	---	---	100	600
19.15.29.13 NMAC Reclamation Criteria (0'-4' Soils Only)			10 ³	---	---	---	50 ³	---	---	---	---	100 ³	600
Notes: 1. Results exceeding the Table 1 Closure Criteria are presented in bold type and are highlighted yellow. 2. Results exceeding the NMAC Restoration, Reclamation and re-vegetation chloride concentration requirements are presented in bold red type. 3. Value derived from the State of New Mexico Energy, Minerals and Natural Resources Department document Procedures for the Implementation of Digital C-141 and the release rule (19.15.29 NMAC) dated December 1, 2023.													

ATTACHMENT 1 – SITE PHOTOGRAPHS



PHOTOGRAPH NO. 1 – A view of the completed excavation area. The view is towards the southeast.



PHOTOGRAPH NO. 2 – An additional view of the completed excavation area. The view is towards the southwest.



PHOTOGRAPH NO. 3 – A view of the excavation area upon completion of backfill operations. The view is towards the southwest.




PHOTOGRAPH NO. 4 – An additional view of the excavation upon completion of backfill operations. The view is towards the southeast.

ATTACHMENT 2 – DEPTH-TO-GROUNDWATER INFORMATION

Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE
quarters are smallest to largest
NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
CP 01156 POD1		SE	NW	25	25S	37E	677445.7	3553434.4		

* UTM location was derived from PLSS - see Help

Driller License:	1478	Driller Company:	STRAUB CORPORATION		
Driller Name:	MARTIN STRAUB				
Drill Start Date:	2013-05-06	Drill Finish Date:	2013-05-06	Plug Date:	
Log File Date:	2013-05-31	PCW Rcv Date:		Source:	Shallow
Pump Type:		Pipe Discharge Size:		Estimated Yield:	
Casing Size:	2.00	Depth Well:	80	Depth Water:	69

Water Bearing Stratifications:

Top	Bottom	Description
38	73	Shallow Alluvium/Basin Fill
73	80	Shallow Alluvium/Basin Fill


Casing Perforations:

Top	Bottom
55	80

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Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE
quarters are smallest to largest
NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
CP 01156 POD2		SE	NW	25	25S	37E	677538.3	3553386.7		

* UTM location was derived from PLSS - see Help

Driller License:	1478	Driller Company:	STRAUB CORPORATION		
Driller Name:	MARTIN STRAUB				
Drill Start Date:	2013-05-06	Drill Finish Date:	2013-05-06	Plug Date:	
Log File Date:	2013-05-31	PCW Rcv Date:	Source:		Shallow
Pump Type:	Pipe Discharge Size:		Estimated Yield:		
Casing Size:	2.00	Depth Well:	80	Depth Water:	70

Water Bearing Stratifications:

Top	Bottom	Description
68	75	Shallow Alluvium/Basin Fill
75	80	Shallow Alluvium/Basin Fill


Casing Perforations:

Top	Bottom
55	80

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Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE
quarters are smallest to largest
NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
	CP 01156 POD3		SE	NW	25	25S	37E	677481.0	3553361.1	

* UTM location was derived from PLSS - see Help

Driller License:	1478	Driller Company:	STRAUB CORPORATION
Driller Name:	MARTIN STRAUB		
Drill Start Date:	2013-05-07	Drill Finish Date:	2013-05-07
Log File Date:	2013-05-31	PCW Rcv Date:	
		Source:	Shallow
Pump Type:		Pipe Discharge Size:	
		Estimated Yield:	
Casing Size:	2.00	Depth Well:	80
		Depth Water:	70

Water Bearing Stratifications:

Top	Bottom	Description
52	74	Shallow Alluvium/Basin Fill
74	80	Shallow Alluvium/Basin Fill

Casing Perforations:


Top	Bottom
55	80

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Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE
quarters are smallest to largest

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
	CP 01156 POD4		SE	NW	25	25S	37E	677429.1	3553329.4	

* UTM location was derived from PLSS - see Help

Driller License:	1478	Driller Company:	STRAUB CORPORATION
Driller Name:	MARTIN STRAUB		
Drill Start Date:	2013-05-08	Drill Finish Date:	2013-05-08
Log File Date:	2013-05-31	PCW Rcv Date:	
		Source:	Shallow
Pump Type:		Pipe Discharge Size:	
		Estimated Yield:	
Casing Size:	2.00	Depth Well:	80
		Depth Water:	70

Water Bearing Stratifications:

Top	Bottom	Description
68	72	Shallow Alluvium/Basin Fill
72	76	Shallow Alluvium/Basin Fill
76	80	Shallow Alluvium/Basin Fill


Casing Perforations:

Top	Bottom
55	80

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Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE
quarters are smallest to largest
NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
	CP 01156 POD5		SE	NW	25	25S	37E	677492.6	3553299.7	

* UTM location was derived from PLSS - see Help

Driller License:	1478	Driller Company:	STRAUB CORPORATION
Driller Name:	MARTIN STRAUB		
Drill Start Date:	2013-05-08	Drill Finish Date:	2013-05-08
Log File Date:	2013-05-31	PCW Rcv Date:	
		Source:	Shallow
Pump Type:		Pipe Discharge Size:	
		Estimated Yield:	
Casing Size:	2.00	Depth Well:	80
		Depth Water:	70

Water Bearing Stratifications:

Top	Bottom	Description
66	73	Shallow Alluvium/Basin Fill
73	77	Shallow Alluvium/Basin Fill
77	80	Shallow Alluvium/Basin Fill

Casing Perforations:

Top	Bottom
55	80

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Point of Diversion Summary

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quarters are smallest to largest

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
CP 01169 POD1			NE	SE	26	25S	37E	676770.5	3552902.0	

* UTM location was derived from PLSS - see Help


Driller License:	1711	Driller Company:	STRAUB CORPORATION		
Driller Name:	BRYAN, EDWARD				
Drill Start Date:	2014-02-20	Drill Finish Date:	2014-02-20	Plug Date:	
Log File Date:	2014-02-26	PCW Rcv Date:		Source:	
Pump Type:		Pipe Discharge Size:		Estimated Yield:	
Casing Size:		Depth Well:	30	Depth Water:	

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Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE
quarters are smallest to largest

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
	CP 01345 POD1	SW	SE	NW	25	25S	37E	677457.9	3553336.0	

* UTM location was derived from PLSS - see Help

Driller License:	1710	Driller Company:	STRAUB CORPORATION
Driller Name:	STRAUB, MARTIN		
Drill Start Date:	2014-06-26	Drill Finish Date:	2014-06-26
Log File Date:	2014-07-07	PCW Rcv Date:	
		Source:	Shallow
Pump Type:		Pipe Discharge Size:	
		Estimated Yield:	
Casing Size:	4.00	Depth Well:	80
		Depth Water:	71

Water Bearing Stratifications:

Top	Bottom	Description
67	73	Sandstone/Gravel/Conglomerate
73	76	Sandstone/Gravel/Conglomerate
76	80	Shale/Mudstone/Siltstone

Casing Perforations:


Top	Bottom
55	80

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Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE
quarters are smallest to largest

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
	CP 01345 POD2	SW	SE	NW	25	25S	37E	677501.8	3553373.8	

* UTM location was derived from PLSS - see Help

Driller License:	1710	Driller Company:	STRAUB CORPORATION
Driller Name:	STRAUB, MARTIN		
Drill Start Date:	2014-06-25	Drill Finish Date:	2014-06-25
Log File Date:	2014-07-07	PCW Rcv Date:	
		Source:	Shallow
Pump Type:		Pipe Discharge Size:	
		Estimated Yield:	
Casing Size:	2.00	Depth Well:	80
		Depth Water:	71

Water Bearing Stratifications:

Top	Bottom	Description
66	71	Sandstone/Gravel/Conglomerate
71	72	Sandstone/Gravel/Conglomerate
78	80	Shale/Mudstone/Siltstone


Casing Perforations:

Top	Bottom
55	80

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Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE
quarters are smallest to largest
NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
CP 01345	POD3	SW	SE	NW	25	25S	37E	677484.4	3553318.0	

* UTM location was derived from PLSS - see Help

Driller License:	1710	Driller Company:	STRAUB CORPORATION
Driller Name:	STRAUB, MARTIN		
Drill Start Date:	2014-06-25	Drill Finish Date:	2014-06-25
Log File Date:	2014-07-07	PCW Rcv Date:	
		Source:	Shallow
Pump Type:		Pipe Discharge Size:	
		Estimated Yield:	
Casing Size:	4.00	Depth Well:	80
		Depth Water:	70

Water Bearing Stratifications:

Top	Bottom	Description
66	71	Sandstone/Gravel/Conglomerate
71	80	Sandstone/Gravel/Conglomerate

Casing Perforations:

Top	Bottom
55	80

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

quarters are smallest to largest

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
	CP 01619 POD1	NW	SE	NW	25	25S	37E	677414.4	3553424.6	

* UTM location was derived from PLSS - see Help

Driller License:

Driller Company:

Driller Name:

Drill Start Date:

Drill Finish Date:

Plug Date:

Log File Date:

PCW Rcv Date:

Source:

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size:

Depth Well:


Depth Water:

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Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE
quarters are smallest to largest

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
CP 01619	POD2	NE	SE	NW	25	25S	37E	677532.2	3553432.8	

* UTM location was derived from PLSS - see Help

Driller License:

Driller Company:

Driller Name:

Drill Start Date:

Drill Finish Date:

Plug Date:

Log File Date:

PCW Rcv Date:

Source:

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size:

Depth Well:


Depth Water:

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Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE
quarters are smallest to largest

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
CP 01619	POD3	SE	SE	NW	25	25S	37E	677554.2	3553374.7	

* UTM location was derived from PLSS - see Help

Driller License:

Driller Company:

Driller Name:

Drill Start Date:

Drill Finish Date:

Plug Date:

Log File Date:

PCW Rcv Date:

Source:

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size:

Depth Well:

Depth Water:


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Point of Diversion Summary

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

quarters are smallest to largest

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
CP 01619	POD4	SE	SE	NW	25	25S	37E	677525.9	3553343.4	

* UTM location was derived from PLSS - see Help

Driller License:

Driller Company:

Driller Name:

Drill Start Date:

Drill Finish Date:

Plug Date:

Log File Date:

PCW Rcv Date:

Source:

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size:

Depth Well:


Depth Water:

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Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE
quarters are smallest to largest

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
	CP 01619 POD5	SE	SE	NW	25	25S	37E	677559.7	3553359.4	

* UTM location was derived from PLSS - see Help

Driller License:

Driller Company:

Driller Name:

Drill Start Date:

Drill Finish Date:

Plug Date:

Log File Date:

PCW Rcv Date:

Source:

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size:


Depth Well:

Depth Water:

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Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE
quarters are smallest to largest
NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
	CP 01659 POD1	NE	NE	SW	25	25S	37E	677557.3	3553155.7	

* UTM location was derived from PLSS - see Help

Driller License:	1641	Driller Company:	A & K WATER WELL DRILLING
Driller Name:	GLASSPOOLE, KRISTOPHER L.		
Drill Start Date:	2017-04-05	Drill Finish Date:	2017-04-09
Log File Date:	2017-04-26	PCW Rcv Date:	
		Source:	Shallow
Pump Type:		Pipe Discharge Size:	
		Estimated Yield:	50
Casing Size:	6.00	Depth Well:	100
		Depth Water:	40

Water Bearing Stratifications:

Top	Bottom	Description
2	60	Shale/Mudstone/Siltstone
60	91	Sandstone/Gravel/Conglomerate
91	95	Sandstone/Gravel/Conglomerate

Casing Perforations:


Top	Bottom
55	95

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Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE
quarters are smallest to largest

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
NA	CP 01697 POD1	NW	SE	NW	25	25S	37E	677418.6	3553455.5	

* UTM location was derived from PLSS - see Help

Driller License:	1711	Driller Company:	STRAUB CORPORATION
Driller Name:	BRYAN, EDWARD		
Drill Start Date:	2018-02-20	Drill Finish Date:	2018-02-20
Log File Date:	2018-03-08	PCW Rcv Date:	
		Source:	Shallow
Pump Type:		Pipe Discharge Size:	
		Estimated Yield:	
Casing Size:	2.00	Depth Well:	80
		Depth Water:	

Casing Perforations:


Top	Bottom
50	80

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Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE
quarters are smallest to largest

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
NA	CP 01697 POD2	NE	SE	NW	25	25S	37E	677512.3	3553490.4	

* UTM location was derived from PLSS - see Help

Driller License:	1711	Driller Company:	STRAUB CORPORATION
Driller Name:	BRYAN, EDWARD		
Drill Start Date:	2018-02-20	Drill Finish Date:	2018-02-20
Log File Date:	2018-03-08	PCW Rcv Date:	
		Source:	Shallow
Pump Type:		Pipe Discharge Size:	
		Estimated Yield:	
Casing Size:	2.00	Depth Well:	80
		Depth Water:	

Casing Perforations:


Top	Bottom
50	80

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Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE
quarters are smallest to largest

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
NA	CP 01697 POD3	NE	SE	NW	25	25S	37E	677569.9	3553436.0	

* UTM location was derived from PLSS - [see Help](#)

Driller License:	1711	Driller Company:	STRAUB CORPORATION
Driller Name:	BRYAN, EDWARD		
Drill Start Date:	2018-02-21	Drill Finish Date:	2018-02-21
Log File Date:	2018-03-08	PCW Rcv Date:	
		Source:	Shallow
Pump Type:		Pipe Discharge Size:	
		Estimated Yield:	
Casing Size:	2.00	Depth Well:	80
		Depth Water:	

Casing Perforations:


Top	Bottom
50	80

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Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE
quarters are smallest to largest

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
NA	CP 01697 POD4	SE	SE	NW	25	25S	37E	677580.1	3553391.8	

* UTM location was derived from PLSS - [see Help](#)

Driller License:	1711	Driller Company:	STRAUB CORPORATION
Driller Name:	BRYAN, EDWARD		
Drill Start Date:	2018-02-21	Drill Finish Date:	2018-02-21
Log File Date:	2018-03-08	PCW Rcv Date:	
		Source:	Shallow
Pump Type:		Pipe Discharge Size:	
		Estimated Yield:	
Casing Size:	2.00	Depth Well:	80
		Depth Water:	

Casing Perforations:


Top	Bottom
50	80

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Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE
quarters are smallest to largest

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
NA	CP 01697 POD5	SE	SE	NW	25	25S	37E	677580.1	3553391.8	

* UTM location was derived from PLSS - see Help

Driller License:	1711	Driller Company:	STRAUB CORPORATION
Driller Name:	BRYAN, EDWARD		
Drill Start Date:	2018-02-21	Drill Finish Date:	2018-02-21
Log File Date:	2018-03-08	PCW Rcv Date:	
		Source:	Shallow
Pump Type:		Pipe Discharge Size:	
		Estimated Yield:	
Casing Size:	2.00	Depth Well:	80
		Depth Water:	

Casing Perforations:

Top	Bottom
50	80

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Data Category:

Groundwater



Geographic Area:

United States



GO



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

Groundwater levels for the Nation



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

Search Results -- 1 sites found

site_no list =

- 320547103065702

Minimum number of levels = 1

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

USGS 320547103065702 25S.37E.25.23332A

Groundwater: Field measurements



GO

Lea County, New Mexico

Hydrologic Unit Code 13070007

Latitude 32°06'07", Longitude 103°06'57" NAD27

Land-surface elevation 3,054.70 feet above NGVD29

The depth of the well is 62 feet below land surface.

This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national aquifer.

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

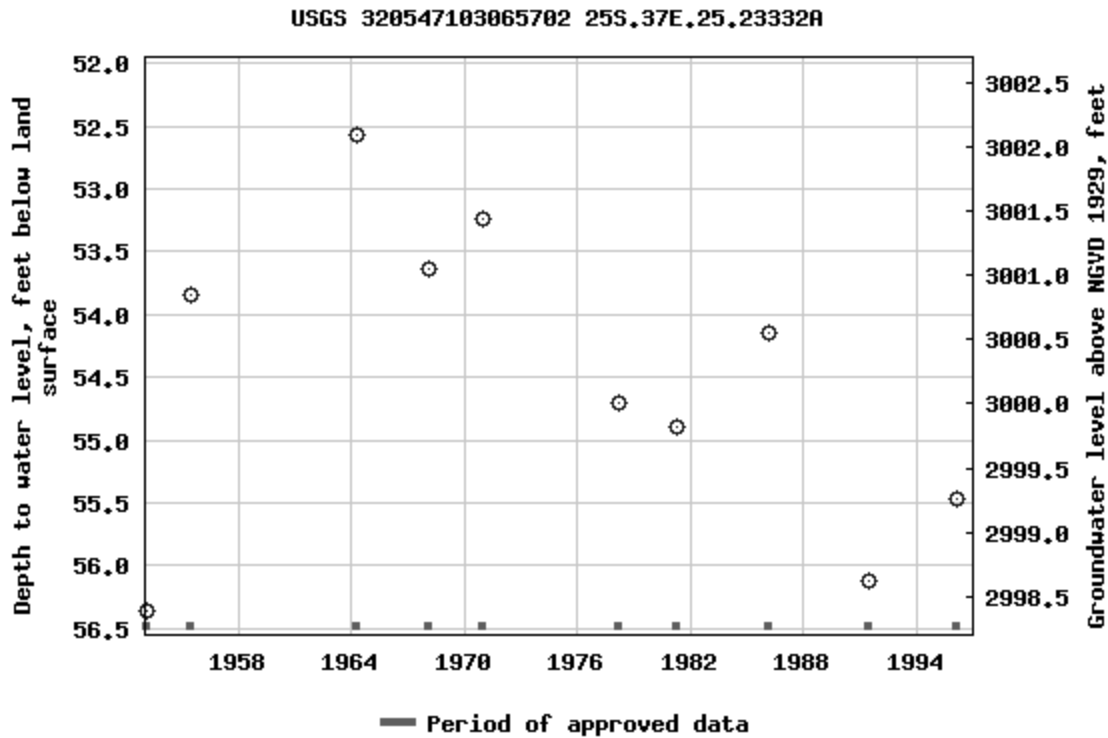
Output formats

[Table of data](#)

[Tab-separated data](#)

[Graph of data](#)

[Reselect period](#)



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


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U.S. Department of the Interior | U.S. Geological Survey

Title: Groundwater for USA: Water Levels

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



Page Contact Information: [USGS Water Data Support Team](#)
Page Last Modified: 2025-04-10 10:37:31 EDT
0.56 0.42 nadww01



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National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater



Geographic Area:

New Mexico



GO

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

Groundwater levels for New Mexico

Click to hide state-specific text



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

Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 320614103072901

Minimum number of levels = 1

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USGS 320614103072901 25S.37E.23.444424

Available data for this site

Groundwater: Field measurements



GO

Lea County, New Mexico

Hydrologic Unit Code 13070007

Latitude 32°06'14", Longitude 103°07'29" NAD27

Land-surface elevation 3,066 feet above NAVD88

The depth of the well is 80 feet below land surface.

This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national aquifer.

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

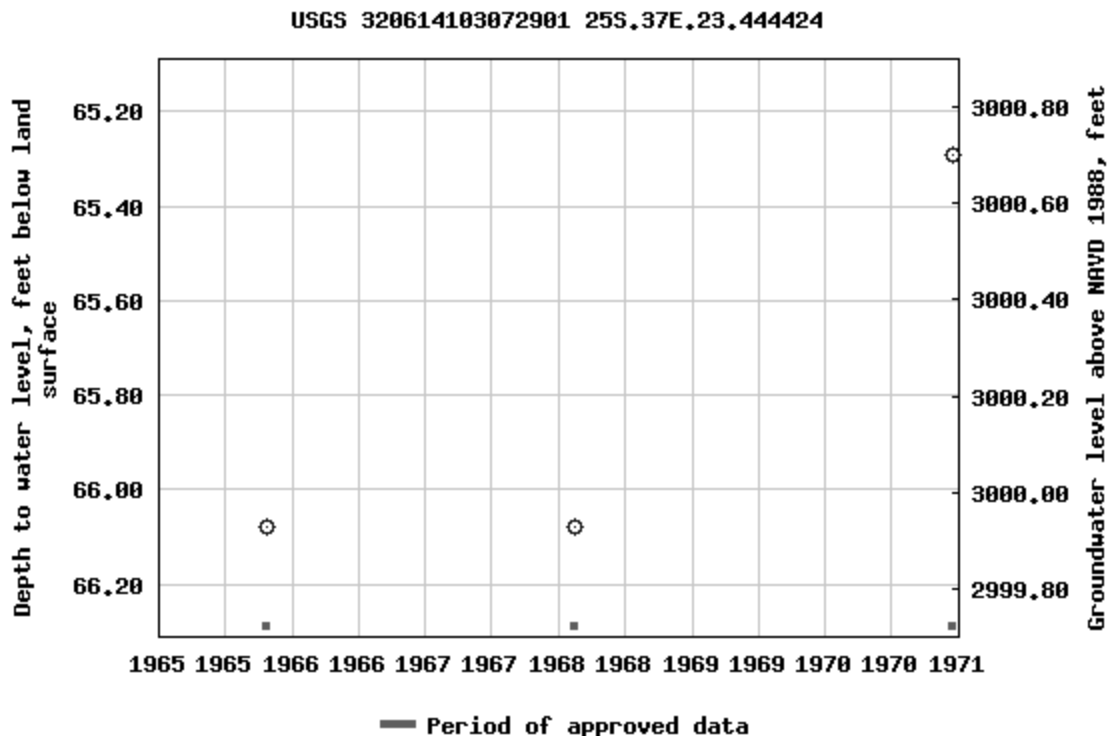
Output formats

[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 New Mexico: Water Levels

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



Page Contact Information: [New Mexico Water Data Maintainer](#)

Page Last Modified: 2025-04-17 14:40:53 EDT

0.65 0.5 nadww02

Table 1
Groundwater Elevation Data & PSH* Thickness Summary

14-Inch Vac to Jal Legacy
Lea County, New Mexico
Plains SRS #: 2009-092
Etech Project #: 17474
NMOCD Incident ID#: nAPP2109729126

Well ID	Date Measured	Well Casing Elevation**	Depth to Product (feet)	Depth to Water (feet)	PSH Thickness (feet)	Corrected Groundwater Elevation**†
MW-1	03/07/2022	3,062.62	63.76	63.79	0.03	2,998.86
	06/20/2022		63.8	63.83	0.03	2,998.82
	09/19/2022		63.84	63.88	0.04	2,998.77
	02/24/2023		63.91	63.92	0.01	2,998.71
	03/22/2023		63.89	63.90	0.01	2,998.73
	06/23/2023		63.92	63.93	0.01	2,998.70
	09/12/2023		63.79	63.80	0.01	2,998.83
	12/02/2023		64.05	64.06	0.01	2,998.57
MW-2	03/07/2022	3,062.56	-	63.05	-	2,999.51
	06/20/2022		-	63.08	-	2,999.48
	09/19/2022		-	63.11	-	2,999.45
	02/24/2023		-	63.14	-	2,999.42
	03/22/2023		-	63.12	-	2,999.44
	06/23/2023		-	63.17	-	2,999.39
	09/12/2023		-	63.22	-	2,999.34
	12/02/2023		-	63.30	-	2,999.26
MW-3	03/07/2022	3,062.73	-	63.87	-	2,998.86
	06/20/2022		-	63.93	-	2,998.80
	09/19/2022		-	63.94	-	2,998.79
	02/24/2023		-	64.06	-	2,998.67
	03/22/2023		-	64.00	-	2,998.73
	06/23/2023		-	64.04	-	2,998.69
	09/12/2023		-	64.09	-	2,998.64
	12/03/2023		-	64.12	-	2,998.61
MW-4	03/07/2022	3,062.43	-	63.47	-	2,998.96
	06/20/2022		-	63.48	-	2,998.95
	09/19/2022		-	63.53	-	2,998.90
	02/24/2023		-	63.58	-	2,998.85
	03/22/2023		-	63.59	-	2,998.84
	06/23/2023		-	63.63	-	2,998.80
	09/12/2023		-	63.66	-	2,998.77
	12/03/2023		-	63.76	-	2,998.67
MW-5	03/07/2022	3,063.23	-	64.05	-	2,999.18
	06/20/2022		-	64.08	-	2,999.15
	09/19/2022		-	64.12	-	2,999.11
	02/24/2023		-	64.15	-	2,999.08
	03/22/2023		-	64.21	-	2,999.02
	06/23/2023		-	64.19	-	2,999.04
	09/12/2023		-	64.27	-	2,998.96
	12/02/2023		-	64.34	-	2,998.89
MW-6	03/07/2022	3,062.60	-	64.02	-	2,998.58
	06/20/2022		-	64.05	-	2,998.55
	09/19/2022		-	64.08	-	2,998.52
	02/24/2023		-	64.19	-	2,998.41
	03/22/2023		-	64.11	-	2,998.49
	06/23/2023		-	64.28	-	2,998.32
	09/12/2023		-	64.21	-	2,998.39
	12/03/2023		-	64.30	-	2,998.30
MW-7	03/07/2022	3,062.69	-	63.98	-	2,998.71
	06/20/2022		-	64.03	-	2,998.66
	09/19/2022		-	64.05	-	2,998.64
	02/24/2023		-	64.05	-	2,998.64
	03/22/2023		-	64.09	-	2,998.60
	06/23/2023		-	64.12	-	2,998.57
	09/12/2023		-	64.15	-	2,998.54
	12/03/2023		-	64.27	-	2,998.42

Notes:

*PSH: Phase Separated Hydrocarbons

**Elevation measurements are in feet above mean sea level, based on the North American Vertical Datum of 1988.

† Corrected groundwater elevations were extrapolated using a PSH specific gravity of 0.85, if PSH was gauged in the monitoring well.

Table 1
Groundwater Elevation Data & PSH* Thickness Summary

14-Inch Vac to Jal Legacy
Lea County, New Mexico
Plains SRS #: 2009-092
Etech Project #: 17474
NMOCD Incident ID#: nAPP2109729126

Well ID	Date Measured	Well Casing Elevation**	Depth to Product (feet)	Depth to Water (feet)	PSH Thickness (feet)	Corrected Groundwater Elevation**†
MW-8	03/07/2022	3,062.42	-	63.75	-	2,998.67
	06/20/2022		-	63.79	-	2,998.63
	09/19/2022		-	63.80	-	2,998.62
	02/24/2023		-	63.83	-	2,998.59
	03/22/2023		-	63.84	-	2,998.58
	06/23/2023		-	63.87	-	2,998.55
	09/12/2023		-	63.91	-	2,998.51
	12/03/2023		-	63.99	-	2,998.43
MW-9	03/07/2022	3,062.77	-	64.14	-	2,998.63
	06/20/2022		-	64.18	-	2,998.59
	09/19/2022		-	64.20	-	2,998.57
	02/24/2023		-	64.21	-	2,998.56
	03/22/2023		-	64.29	-	2,998.48
	06/23/2023		-	64.31	-	2,998.46
	09/12/2023		-	64.35	-	2,998.42
	12/02/2023		-	64.44	-	2,998.33
MW-10	03/07/2022	3,062.50	-	63.15	-	2,999.35
	06/20/2022		-	63.18	-	2,999.32
	09/19/2022		-	63.22	-	2,999.28
	02/24/2023		-	64.22	-	2,998.28
	03/22/2023		-	63.28	-	2,999.22
	06/23/2023		-	63.31	-	2,999.19
	09/12/2023		-	63.36	-	2,999.14
	12/02/2023		-	63.43	-	2,999.07
MW-11	03/07/2022	3,063.50	-	64.01	-	2,999.49
	06/20/2022		-	64.07	-	2,999.43
	09/19/2022		-	64.09	-	2,999.41
	02/24/2023		-	64.18	-	2,999.32
	03/22/2023		-	64.13	-	2,999.37
	06/23/2023		-	64.12	-	2,999.38
	09/12/2023		-	64.21	-	2,999.29
	12/02/2023		-	64.27	-	2,999.23
MW-12	03/07/2022	3,062.20	-	63.47	-	2,998.73
	06/20/2022		-	63.53	-	2,998.67
	09/19/2022		-	63.55	-	2,998.65
	02/24/2023		-	63.58	-	2,998.62
	03/22/2023		-	63.61	-	2,998.59
	06/23/2023		-	63.63	-	2,998.57
	09/12/2023		-	63.66	-	2,998.54
	12/02/2023		-	63.75	-	2,998.45
MW-13	03/07/2022	3,062.71	-	64.15	-	2,998.56
	06/20/2022		-	64.18	-	2,998.53
	09/19/2022		-	64.19	-	2,998.52
	02/24/2023		-	64.35	-	2,998.36
	03/22/2023		-	64.30	-	2,998.41
	06/23/2023		-	64.27	-	2,998.44
	09/12/2023		-	64.30	-	2,998.41
	12/02/2023		-	64.38	-	2,998.33
MW-14	03/07/2022	3,062.50	-	63.98	-	2,998.52
	06/20/2022		-	64.02	-	2,998.48
	09/19/2022		-	64.02	-	2,998.48
	02/24/2023		-	64.08	-	2,998.42
	03/22/2023		-	64.10	-	2,998.40
	06/23/2023		-	64.11	-	2,998.39
	09/12/2023		-	64.16	-	2,998.34
	12/02/2023		-	64.22	-	2,998.28

Notes:

*PSH: Phase Separated Hydrocarbons

**Elevation measurements are in feet above mean sea level, based on the North American Vertical Datum of 1988.

† Corrected groundwater elevations were extrapolated using a PSH specific gravity of 0.85, if PSH was gauged in the monitoring well.

ATTACHMENT 3 – LABORATORY ANALYTICAL REPORT



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

June 25, 2025

TY THOMPSON

TEAM OPERATING

3624 S. EUNICE HWY

HOBBS, NM 88240

RE: SJU 24

Enclosed are the results of analyses for samples received by the laboratory on 06/19/25 14:43.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. 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:

TEAM OPERATING
 TY THOMPSON
 3624 S. EUNICE HWY
 HOBBS NM, 88240
 Fax To:

Received: 06/19/2025
 Reported: 06/25/2025
 Project Name: SJU 24
 Project Number: NOT GIVEN
 Project Location: JAL, NM

Sampling Date: 06/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: B - 1 (H253677-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/24/2025	ND	2.26	113	2.00	1.58	
Toluene*	<0.050	0.050	06/24/2025	ND	2.19	109	2.00	3.02	
Ethylbenzene*	<0.050	0.050	06/24/2025	ND	2.25	113	2.00	3.50	
Total Xylenes*	<0.150	0.150	06/24/2025	ND	6.98	116	6.00	3.63	
Total BTX	<0.300	0.300	06/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/23/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2025	ND	184	92.0	200	0.860	
DRO >C10-C28*	<10.0	10.0	06/20/2025	ND	203	102	200	0.00443	
EXT DRO >C28-C36	<10.0	10.0	06/20/2025	ND					

Surrogate: 1-Chlorooctane 82.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.1 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TEAM OPERATING
 TY THOMPSON
 3624 S. EUNICE HWY
 HOBBS NM, 88240
 Fax To:

Received: 06/19/2025
 Reported: 06/25/2025
 Project Name: SJU 24
 Project Number: NOT GIVEN
 Project Location: JAL, NM

Sampling Date: 06/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: B - 2 (H253677-02)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2025	ND	2.00	100	2.00	1.51	
Toluene*	<0.050	0.050	06/23/2025	ND	2.09	104	2.00	1.41	
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	2.07	103	2.00	0.938	
Total Xylenes*	<0.150	0.150	06/23/2025	ND	6.12	102	6.00	1.15	
Total BTEX	<0.300	0.300	06/23/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/23/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2025	ND	184	92.0	200	0.860	
DRO >C10-C28*	<10.0	10.0	06/20/2025	ND	203	102	200	0.00443	
EXT DRO >C28-C36	<10.0	10.0	06/20/2025	ND					

Surrogate: 1-Chlorooctane 89.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 90.2 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TEAM OPERATING
 TY THOMPSON
 3624 S. EUNICE HWY
 HOBBS NM, 88240
 Fax To:

Received: 06/19/2025
 Reported: 06/25/2025
 Project Name: SJU 24
 Project Number: NOT GIVEN
 Project Location: JAL, NM

Sampling Date: 06/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: B - 3 (H253677-03)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2025	ND	2.00	100	2.00	1.51	
Toluene*	<0.050	0.050	06/23/2025	ND	2.09	104	2.00	1.41	
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	2.07	103	2.00	0.938	
Total Xylenes*	<0.150	0.150	06/23/2025	ND	6.12	102	6.00	1.15	
Total BTEX	<0.300	0.300	06/23/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/23/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2025	ND	184	92.0	200	0.860	
DRO >C10-C28*	<10.0	10.0	06/20/2025	ND	203	102	200	0.00443	
EXT DRO >C28-C36	<10.0	10.0	06/20/2025	ND					

Surrogate: 1-Chlorooctane 89.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 88.3 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TEAM OPERATING
 TY THOMPSON
 3624 S. EUNICE HWY
 HOBBS NM, 88240
 Fax To:

Received: 06/19/2025
 Reported: 06/25/2025
 Project Name: SJU 24
 Project Number: NOT GIVEN
 Project Location: JAL, NM

Sampling Date: 06/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: B - 4 (H253677-04)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2025	ND	2.00	100	2.00	1.51	
Toluene*	<0.050	0.050	06/23/2025	ND	2.09	104	2.00	1.41	
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	2.07	103	2.00	0.938	
Total Xylenes*	<0.150	0.150	06/23/2025	ND	6.12	102	6.00	1.15	
Total BTEX	<0.300	0.300	06/23/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/23/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2025	ND	184	92.0	200	0.860	
DRO >C10-C28*	<10.0	10.0	06/20/2025	ND	203	102	200	0.00443	
EXT DRO >C28-C36	<10.0	10.0	06/20/2025	ND					

Surrogate: 1-Chlorooctane 88.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 89.6 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TEAM OPERATING
 TY THOMPSON
 3624 S. EUNICE HWY
 HOBBS NM, 88240
 Fax To:

Received: 06/19/2025
 Reported: 06/25/2025
 Project Name: SJU 24
 Project Number: NOT GIVEN
 Project Location: JAL, NM

Sampling Date: 06/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: B - 5 (H253677-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2025	ND	2.00	100	2.00	1.51		
Toluene*	<0.050	0.050	06/23/2025	ND	2.09	104	2.00	1.41		
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	2.07	103	2.00	0.938		
Total Xylenes*	<0.150	0.150	06/23/2025	ND	6.12	102	6.00	1.15		
Total BTEx	<0.300	0.300	06/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/23/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2025	ND	184	92.0	200	0.860	
DRO >C10-C28*	<10.0	10.0	06/20/2025	ND	203	102	200	0.00443	
EXT DRO >C28-C36	<10.0	10.0	06/20/2025	ND					

Surrogate: 1-Chlorooctane 83.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 84.6 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TEAM OPERATING
 TY THOMPSON
 3624 S. EUNICE HWY
 HOBBS NM, 88240
 Fax To:

Received: 06/19/2025
 Reported: 06/25/2025
 Project Name: SJU 24
 Project Number: NOT GIVEN
 Project Location: JAL, NM

Sampling Date: 06/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: B - 6 (H253677-06)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2025	ND	2.00	100	2.00	1.51	
Toluene*	<0.050	0.050	06/23/2025	ND	2.09	104	2.00	1.41	
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	2.07	103	2.00	0.938	
Total Xylenes*	<0.150	0.150	06/23/2025	ND	6.12	102	6.00	1.15	
Total BTEX	<0.300	0.300	06/23/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/23/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2025	ND	184	92.0	200	0.860	
DRO >C10-C28*	<10.0	10.0	06/21/2025	ND	203	102	200	0.00443	
EXT DRO >C28-C36	<10.0	10.0	06/21/2025	ND					

Surrogate: 1-Chlorooctane 89.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 90.2 % 40.6-153

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Analytical Results For:

TEAM OPERATING
 TY THOMPSON
 3624 S. EUNICE HWY
 HOBBS NM, 88240
 Fax To:

Received: 06/19/2025
 Reported: 06/25/2025
 Project Name: SJU 24
 Project Number: NOT GIVEN
 Project Location: JAL, NM

Sampling Date: 06/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: B - 7 (H253677-07)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2025	ND	2.00	100	2.00	1.51	
Toluene*	<0.050	0.050	06/23/2025	ND	2.09	104	2.00	1.41	
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	2.07	103	2.00	0.938	
Total Xylenes*	<0.150	0.150	06/23/2025	ND	6.12	102	6.00	1.15	
Total BTEX	<0.300	0.300	06/23/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/23/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2025	ND	184	92.0	200	0.860	
DRO >C10-C28*	<10.0	10.0	06/21/2025	ND	203	102	200	0.00443	
EXT DRO >C28-C36	<10.0	10.0	06/21/2025	ND					

Surrogate: 1-Chlorooctane 94.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 96.3 % 40.6-153

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Analytical Results For:

TEAM OPERATING
 TY THOMPSON
 3624 S. EUNICE HWY
 HOBBS NM, 88240
 Fax To:

Received: 06/19/2025
 Reported: 06/25/2025
 Project Name: SJU 24
 Project Number: NOT GIVEN
 Project Location: JAL, NM

Sampling Date: 06/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: B - 8 (H253677-08)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2025	ND	2.00	100	2.00	1.51	
Toluene*	<0.050	0.050	06/23/2025	ND	2.09	104	2.00	1.41	
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	2.07	103	2.00	0.938	
Total Xylenes*	<0.150	0.150	06/23/2025	ND	6.12	102	6.00	1.15	
Total BTEX	<0.300	0.300	06/23/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/23/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2025	ND	184	92.0	200	0.860	
DRO >C10-C28*	<10.0	10.0	06/21/2025	ND	203	102	200	0.00443	
EXT DRO >C28-C36	<10.0	10.0	06/21/2025	ND					

Surrogate: 1-Chlorooctane 90.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 92.5 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TEAM OPERATING
 TY THOMPSON
 3624 S. EUNICE HWY
 HOBBS NM, 88240
 Fax To:

Received: 06/19/2025
 Reported: 06/25/2025
 Project Name: SJU 24
 Project Number: NOT GIVEN
 Project Location: JAL, NM

Sampling Date: 06/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: B - 9 (H253677-09)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2025	ND	2.00	100	2.00	1.51	
Toluene*	<0.050	0.050	06/23/2025	ND	2.09	104	2.00	1.41	
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	2.07	103	2.00	0.938	
Total Xylenes*	<0.150	0.150	06/23/2025	ND	6.12	102	6.00	1.15	
Total BTEX	<0.300	0.300	06/23/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/23/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2025	ND	184	92.0	200	0.860	
DRO >C10-C28*	<10.0	10.0	06/21/2025	ND	203	102	200	0.00443	
EXT DRO >C28-C36	<10.0	10.0	06/21/2025	ND					

Surrogate: 1-Chlorooctane 67.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 67.8 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TEAM OPERATING
 TY THOMPSON
 3624 S. EUNICE HWY
 HOBBS NM, 88240
 Fax To:

Received: 06/19/2025
 Reported: 06/25/2025
 Project Name: SJU 24
 Project Number: NOT GIVEN
 Project Location: JAL, NM

Sampling Date: 06/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: B - 10 (H253677-10)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2025	ND	2.00	100	2.00	1.51	
Toluene*	<0.050	0.050	06/23/2025	ND	2.09	104	2.00	1.41	
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	2.07	103	2.00	0.938	
Total Xylenes*	<0.150	0.150	06/23/2025	ND	6.12	102	6.00	1.15	
Total BTEX	<0.300	0.300	06/23/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/23/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2025	ND	184	92.0	200	0.860	
DRO >C10-C28*	<10.0	10.0	06/21/2025	ND	203	102	200	0.00443	
EXT DRO >C28-C36	<10.0	10.0	06/21/2025	ND					

Surrogate: 1-Chlorooctane 68.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 69.1 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TEAM OPERATING
 TY THOMPSON
 3624 S. EUNICE HWY
 HOBBS NM, 88240
 Fax To:

Received: 06/19/2025
 Reported: 06/25/2025
 Project Name: SJU 24
 Project Number: NOT GIVEN
 Project Location: JAL, NM

Sampling Date: 06/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: B - 11 (H253677-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2025	ND	2.00	100	2.00	1.51		
Toluene*	<0.050	0.050	06/23/2025	ND	2.09	104	2.00	1.41		
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	2.07	103	2.00	0.938		
Total Xylenes*	<0.150	0.150	06/23/2025	ND	6.12	102	6.00	1.15		
Total BTEX	<0.300	0.300	06/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/23/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2025	ND	184	92.0	200	0.860	
DRO >C10-C28*	<10.0	10.0	06/21/2025	ND	203	102	200	0.00443	
EXT DRO >C28-C36	<10.0	10.0	06/21/2025	ND					

Surrogate: 1-Chlorooctane 85.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 85.7 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TEAM OPERATING
 TY THOMPSON
 3624 S. EUNICE HWY
 HOBBS NM, 88240
 Fax To:

Received: 06/19/2025
 Reported: 06/25/2025
 Project Name: SJU 24
 Project Number: NOT GIVEN
 Project Location: JAL, NM

Sampling Date: 06/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: B - 12 (H253677-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2025	ND	2.00	100	2.00	1.51		
Toluene*	<0.050	0.050	06/23/2025	ND	2.09	104	2.00	1.41		
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	2.07	103	2.00	0.938		
Total Xylenes*	<0.150	0.150	06/23/2025	ND	6.12	102	6.00	1.15		
Total BTEX	<0.300	0.300	06/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/23/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2025	ND	184	92.0	200	0.860	
DRO >C10-C28*	<10.0	10.0	06/21/2025	ND	203	102	200	0.00443	
EXT DRO >C28-C36	<10.0	10.0	06/21/2025	ND					

Surrogate: 1-Chlorooctane 82.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.1 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TEAM OPERATING
 TY THOMPSON
 3624 S. EUNICE HWY
 HOBBS NM, 88240
 Fax To:

Received: 06/19/2025
 Reported: 06/25/2025
 Project Name: SJU 24
 Project Number: NOT GIVEN
 Project Location: JAL, NM

Sampling Date: 06/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: B - 13 (H253677-13)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2025	ND	2.00	100	2.00	1.51	
Toluene*	<0.050	0.050	06/23/2025	ND	2.09	104	2.00	1.41	
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	2.07	103	2.00	0.938	
Total Xylenes*	<0.150	0.150	06/23/2025	ND	6.12	102	6.00	1.15	
Total BTEX	<0.300	0.300	06/23/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/23/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2025	ND	184	92.0	200	0.860	
DRO >C10-C28*	<10.0	10.0	06/21/2025	ND	203	102	200	0.00443	
EXT DRO >C28-C36	<10.0	10.0	06/21/2025	ND					

Surrogate: 1-Chlorooctane 85.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 85.5 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TEAM OPERATING
 TY THOMPSON
 3624 S. EUNICE HWY
 HOBBS NM, 88240
 Fax To:

Received: 06/19/2025
 Reported: 06/25/2025
 Project Name: SJU 24
 Project Number: NOT GIVEN
 Project Location: JAL, NM

Sampling Date: 06/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: B - 14 (H253677-14)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2025	ND	2.00	100	2.00	1.51	
Toluene*	<0.050	0.050	06/23/2025	ND	2.09	104	2.00	1.41	
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	2.07	103	2.00	0.938	
Total Xylenes*	<0.150	0.150	06/23/2025	ND	6.12	102	6.00	1.15	
Total BTEX	<0.300	0.300	06/23/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/23/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2025	ND	184	92.0	200	0.860	
DRO >C10-C28*	<10.0	10.0	06/21/2025	ND	203	102	200	0.00443	
EXT DRO >C28-C36	<10.0	10.0	06/21/2025	ND					

Surrogate: 1-Chlorooctane 83.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 84.3 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TEAM OPERATING
 TY THOMPSON
 3624 S. EUNICE HWY
 HOBBS NM, 88240
 Fax To:

Received: 06/19/2025
 Reported: 06/25/2025
 Project Name: SJU 24
 Project Number: NOT GIVEN
 Project Location: JAL, NM

Sampling Date: 06/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: B - 15 (H253677-15)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2025	ND	2.00	100	2.00	1.51	
Toluene*	<0.050	0.050	06/23/2025	ND	2.09	104	2.00	1.41	
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	2.07	103	2.00	0.938	
Total Xylenes*	<0.150	0.150	06/23/2025	ND	6.12	102	6.00	1.15	
Total BTEX	<0.300	0.300	06/23/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/23/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2025	ND	184	92.0	200	0.860	
DRO >C10-C28*	<10.0	10.0	06/21/2025	ND	203	102	200	0.00443	
EXT DRO >C28-C36	<10.0	10.0	06/21/2025	ND					

Surrogate: 1-Chlorooctane 101 % 44.4-145

Surrogate: 1-Chlorooctadecane 107 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TEAM OPERATING
 TY THOMPSON
 3624 S. EUNICE HWY
 HOBBS NM, 88240
 Fax To:

Received: 06/19/2025
 Reported: 06/25/2025
 Project Name: SJU 24
 Project Number: NOT GIVEN
 Project Location: JAL, NM

Sampling Date: 06/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: B - 16 (H253677-16)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2025	ND	2.00	100	2.00	1.51	
Toluene*	<0.050	0.050	06/23/2025	ND	2.09	104	2.00	1.41	
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	2.07	103	2.00	0.938	
Total Xylenes*	<0.150	0.150	06/23/2025	ND	6.12	102	6.00	1.15	
Total BTEX	<0.300	0.300	06/23/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/23/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2025	ND	184	92.0	200	0.860	
DRO >C10-C28*	<10.0	10.0	06/21/2025	ND	203	102	200	0.00443	
EXT DRO >C28-C36	<10.0	10.0	06/21/2025	ND					

Surrogate: 1-Chlorooctane 102 % 44.4-145

Surrogate: 1-Chlorooctadecane 107 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TEAM OPERATING
 TY THOMPSON
 3624 S. EUNICE HWY
 HOBBS NM, 88240
 Fax To:

Received: 06/19/2025
 Reported: 06/25/2025
 Project Name: SJU 24
 Project Number: NOT GIVEN
 Project Location: JAL, NM

Sampling Date: 06/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: B - 17 (H253677-17)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2025	ND	2.00	100	2.00	1.51	
Toluene*	<0.050	0.050	06/23/2025	ND	2.09	104	2.00	1.41	
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	2.07	103	2.00	0.938	
Total Xylenes*	<0.150	0.150	06/23/2025	ND	6.12	102	6.00	1.15	
Total BTEX	<0.300	0.300	06/23/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/23/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2025	ND	184	92.0	200	0.860	
DRO >C10-C28*	<10.0	10.0	06/21/2025	ND	203	102	200	0.00443	
EXT DRO >C28-C36	<10.0	10.0	06/21/2025	ND					

Surrogate: 1-Chlorooctane 102 % 44.4-145

Surrogate: 1-Chlorooctadecane 106 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TEAM OPERATING
 TY THOMPSON
 3624 S. EUNICE HWY
 HOBBS NM, 88240
 Fax To:

Received: 06/19/2025
 Reported: 06/25/2025
 Project Name: SJU 24
 Project Number: NOT GIVEN
 Project Location: JAL, NM

Sampling Date: 06/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: B - 18 (H253677-18)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/24/2025	ND	2.00	100	2.00	1.51	
Toluene*	<0.050	0.050	06/24/2025	ND	2.09	104	2.00	1.41	
Ethylbenzene*	<0.050	0.050	06/24/2025	ND	2.07	103	2.00	0.938	
Total Xylenes*	<0.150	0.150	06/24/2025	ND	6.12	102	6.00	1.15	
Total BTEX	<0.300	0.300	06/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/23/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2025	ND	184	92.0	200	0.860	
DRO >C10-C28*	<10.0	10.0	06/21/2025	ND	203	102	200	0.00443	
EXT DRO >C28-C36	<10.0	10.0	06/21/2025	ND					

Surrogate: 1-Chlorooctane 104 % 44.4-145

Surrogate: 1-Chlorooctadecane 107 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TEAM OPERATING
 TY THOMPSON
 3624 S. EUNICE HWY
 HOBBS NM, 88240
 Fax To:

Received: 06/19/2025
 Reported: 06/25/2025
 Project Name: SJU 24
 Project Number: NOT GIVEN
 Project Location: JAL, NM

Sampling Date: 06/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: B - 19 (H253677-19)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/24/2025	ND	2.00	100	2.00	1.51	
Toluene*	<0.050	0.050	06/24/2025	ND	2.09	104	2.00	1.41	
Ethylbenzene*	<0.050	0.050	06/24/2025	ND	2.07	103	2.00	0.938	
Total Xylenes*	<0.150	0.150	06/24/2025	ND	6.12	102	6.00	1.15	
Total BTEX	<0.300	0.300	06/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/23/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2025	ND	184	92.0	200	0.860	
DRO >C10-C28*	<10.0	10.0	06/21/2025	ND	203	102	200	0.00443	
EXT DRO >C28-C36	<10.0	10.0	06/21/2025	ND					

Surrogate: 1-Chlorooctane 103 % 44.4-145

Surrogate: 1-Chlorooctadecane 108 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TEAM OPERATING
 TY THOMPSON
 3624 S. EUNICE HWY
 HOBBS NM, 88240
 Fax To:

Received: 06/19/2025
 Reported: 06/25/2025
 Project Name: SJU 24
 Project Number: NOT GIVEN
 Project Location: JAL, NM

Sampling Date: 06/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: B - 20 (H253677-20)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/24/2025	ND	2.00	100	2.00	1.51		
Toluene*	<0.050	0.050	06/24/2025	ND	2.09	104	2.00	1.41		
Ethylbenzene*	<0.050	0.050	06/24/2025	ND	2.07	103	2.00	0.938		
Total Xylenes*	<0.150	0.150	06/24/2025	ND	6.12	102	6.00	1.15		
Total BTEX	<0.300	0.300	06/24/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/23/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2025	ND	218	109	200	0.175	
DRO >C10-C28*	<10.0	10.0	06/21/2025	ND	210	105	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	06/21/2025	ND					

Surrogate: 1-Chlorooctane 94.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 91.7 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TEAM OPERATING
 TY THOMPSON
 3624 S. EUNICE HWY
 HOBBS NM, 88240
 Fax To:

Received: 06/19/2025
 Reported: 06/25/2025
 Project Name: SJU 24
 Project Number: NOT GIVEN
 Project Location: JAL, NM

Sampling Date: 06/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: B - 21 (H253677-21)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/24/2025	ND	2.00	100	2.00	1.51		
Toluene*	<0.050	0.050	06/24/2025	ND	2.09	104	2.00	1.41		
Ethylbenzene*	<0.050	0.050	06/24/2025	ND	2.07	103	2.00	0.938		
Total Xylenes*	<0.150	0.150	06/24/2025	ND	6.12	102	6.00	1.15		
Total BTEX	<0.300	0.300	06/24/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/23/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2025	ND	218	109	200	0.175	
DRO >C10-C28*	<10.0	10.0	06/21/2025	ND	210	105	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	06/21/2025	ND					

Surrogate: 1-Chlorooctane 86.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 84.3 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TEAM OPERATING
 TY THOMPSON
 3624 S. EUNICE HWY
 HOBBS NM, 88240
 Fax To:

Received: 06/19/2025
 Reported: 06/25/2025
 Project Name: SJU 24
 Project Number: NOT GIVEN
 Project Location: JAL, NM

Sampling Date: 06/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: B - 22 (H253677-22)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2025	ND	1.90	94.9	2.00	5.90		
Toluene*	<0.050	0.050	06/23/2025	ND	1.94	97.2	2.00	5.36		
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	1.99	99.3	2.00	5.08		
Total Xylenes*	<0.150	0.150	06/23/2025	ND	5.89	98.1	6.00	4.75		
Total BTEX	<0.300	0.300	06/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/23/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2025	ND	218	109	200	0.175	
DRO >C10-C28*	<10.0	10.0	06/21/2025	ND	210	105	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	06/21/2025	ND					

Surrogate: 1-Chlorooctane 93.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 91.6 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TEAM OPERATING
 TY THOMPSON
 3624 S. EUNICE HWY
 HOBBS NM, 88240
 Fax To:

Received: 06/19/2025
 Reported: 06/25/2025
 Project Name: SJU 24
 Project Number: NOT GIVEN
 Project Location: JAL, NM

Sampling Date: 06/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: B - 23 (H253677-23)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2025	ND	1.90	94.9	2.00	5.90		
Toluene*	<0.050	0.050	06/23/2025	ND	1.94	97.2	2.00	5.36		
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	1.99	99.3	2.00	5.08		
Total Xylenes*	<0.150	0.150	06/23/2025	ND	5.89	98.1	6.00	4.75		
Total BTEX	<0.300	0.300	06/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/23/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2025	ND	218	109	200	0.175	
DRO >C10-C28*	<10.0	10.0	06/21/2025	ND	210	105	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	06/21/2025	ND					

Surrogate: 1-Chlorooctane 102 % 44.4-145

Surrogate: 1-Chlorooctadecane 101 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TEAM OPERATING
 TY THOMPSON
 3624 S. EUNICE HWY
 HOBBS NM, 88240
 Fax To:

Received: 06/19/2025
 Reported: 06/25/2025
 Project Name: SJU 24
 Project Number: NOT GIVEN
 Project Location: JAL, NM

Sampling Date: 06/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: B - 24 (H253677-24)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2025	ND	1.90	94.9	2.00	5.90		
Toluene*	<0.050	0.050	06/23/2025	ND	1.94	97.2	2.00	5.36		
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	1.99	99.3	2.00	5.08		
Total Xylenes*	<0.150	0.150	06/23/2025	ND	5.89	98.1	6.00	4.75		
Total BTEX	<0.300	0.300	06/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/23/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2025	ND	218	109	200	0.175	
DRO >C10-C28*	<10.0	10.0	06/21/2025	ND	210	105	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	06/21/2025	ND					

Surrogate: 1-Chlorooctane 99.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 97.1 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TEAM OPERATING
 TY THOMPSON
 3624 S. EUNICE HWY
 HOBBS NM, 88240
 Fax To:

Received: 06/19/2025
 Reported: 06/25/2025
 Project Name: SJU 24
 Project Number: NOT GIVEN
 Project Location: JAL, NM

Sampling Date: 06/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: B - 25 (H253677-25)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2025	ND	1.90	94.9	2.00	5.90		
Toluene*	<0.050	0.050	06/23/2025	ND	1.94	97.2	2.00	5.36		
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	1.99	99.3	2.00	5.08		
Total Xylenes*	<0.150	0.150	06/23/2025	ND	5.89	98.1	6.00	4.75		
Total BTEX	<0.300	0.300	06/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/23/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2025	ND	218	109	200	0.175	
DRO >C10-C28*	<10.0	10.0	06/21/2025	ND	210	105	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	06/21/2025	ND					

Surrogate: 1-Chlorooctane 73.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 72.4 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TEAM OPERATING
 TY THOMPSON
 3624 S. EUNICE HWY
 HOBBS NM, 88240
 Fax To:

Received: 06/19/2025
 Reported: 06/25/2025
 Project Name: SJU 24
 Project Number: NOT GIVEN
 Project Location: JAL, NM

Sampling Date: 06/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: B - 26 (H253677-26)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2025	ND	1.90	94.9	2.00	5.90		
Toluene*	<0.050	0.050	06/23/2025	ND	1.94	97.2	2.00	5.36		
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	1.99	99.3	2.00	5.08		
Total Xylenes*	<0.150	0.150	06/23/2025	ND	5.89	98.1	6.00	4.75		
Total BTEX	<0.300	0.300	06/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/23/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2025	ND	218	109	200	0.175	
DRO >C10-C28*	<10.0	10.0	06/21/2025	ND	210	105	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	06/21/2025	ND					

Surrogate: 1-Chlorooctane 89.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 87.3 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TEAM OPERATING
 TY THOMPSON
 3624 S. EUNICE HWY
 HOBBS NM, 88240
 Fax To:

Received: 06/19/2025
 Reported: 06/25/2025
 Project Name: SJU 24
 Project Number: NOT GIVEN
 Project Location: JAL, NM

Sampling Date: 06/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: B - 27 (H253677-27)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2025	ND	1.90	94.9	2.00	5.90		
Toluene*	<0.050	0.050	06/23/2025	ND	1.94	97.2	2.00	5.36		
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	1.99	99.3	2.00	5.08		
Total Xylenes*	<0.150	0.150	06/23/2025	ND	5.89	98.1	6.00	4.75		
Total BTEX	<0.300	0.300	06/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/23/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2025	ND	218	109	200	0.175	
DRO >C10-C28*	<10.0	10.0	06/21/2025	ND	210	105	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	06/21/2025	ND					

Surrogate: 1-Chlorooctane 98.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 96.5 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TEAM OPERATING
 TY THOMPSON
 3624 S. EUNICE HWY
 HOBBS NM, 88240
 Fax To:

Received: 06/19/2025
 Reported: 06/25/2025
 Project Name: SJU 24
 Project Number: NOT GIVEN
 Project Location: JAL, NM

Sampling Date: 06/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: W - 1 (H253677-28)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2025	ND	1.90	94.9	2.00	5.90		
Toluene*	<0.050	0.050	06/23/2025	ND	1.94	97.2	2.00	5.36		
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	1.99	99.3	2.00	5.08		
Total Xylenes*	<0.150	0.150	06/23/2025	ND	5.89	98.1	6.00	4.75		
Total BTEX	<0.300	0.300	06/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/23/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2025	ND	218	109	200	0.175	
DRO >C10-C28*	<10.0	10.0	06/21/2025	ND	210	105	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	06/21/2025	ND					

Surrogate: 1-Chlorooctane 88.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 86.2 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TEAM OPERATING
 TY THOMPSON
 3624 S. EUNICE HWY
 HOBBS NM, 88240
 Fax To:

Received: 06/19/2025
 Reported: 06/25/2025
 Project Name: SJU 24
 Project Number: NOT GIVEN
 Project Location: JAL, NM

Sampling Date: 06/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: W - 2 (H253677-29)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2025	ND	1.90	94.9	2.00	5.90		
Toluene*	<0.050	0.050	06/23/2025	ND	1.94	97.2	2.00	5.36		
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	1.99	99.3	2.00	5.08		
Total Xylenes*	<0.150	0.150	06/23/2025	ND	5.89	98.1	6.00	4.75		
Total BTX	<0.300	0.300	06/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/23/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2025	ND	218	109	200	0.175	
DRO >C10-C28*	<10.0	10.0	06/21/2025	ND	210	105	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	06/21/2025	ND					

Surrogate: 1-Chlorooctane 88.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 86.6 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TEAM OPERATING
 TY THOMPSON
 3624 S. EUNICE HWY
 HOBBS NM, 88240
 Fax To:

Received: 06/19/2025
 Reported: 06/25/2025
 Project Name: SJU 24
 Project Number: NOT GIVEN
 Project Location: JAL, NM

Sampling Date: 06/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: W - 3 (H253677-30)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2025	ND	1.90	94.9	2.00	5.90		
Toluene*	<0.050	0.050	06/23/2025	ND	1.94	97.2	2.00	5.36		
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	1.99	99.3	2.00	5.08		
Total Xylenes*	<0.150	0.150	06/23/2025	ND	5.89	98.1	6.00	4.75		
Total BTX	<0.300	0.300	06/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/23/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2025	ND	218	109	200	0.175	
DRO >C10-C28*	<10.0	10.0	06/21/2025	ND	210	105	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	06/21/2025	ND					

Surrogate: 1-Chlorooctane 82.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.5 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TEAM OPERATING
 TY THOMPSON
 3624 S. EUNICE HWY
 HOBBS NM, 88240
 Fax To:

Received: 06/19/2025
 Reported: 06/25/2025
 Project Name: SJU 24
 Project Number: NOT GIVEN
 Project Location: JAL, NM

Sampling Date: 06/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: W - 4 (H253677-31)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2025	ND	1.90	94.9	2.00	5.90		
Toluene*	<0.050	0.050	06/23/2025	ND	1.94	97.2	2.00	5.36		
Ethylbenzene*	<0.050	0.050	06/23/2025	ND	1.99	99.3	2.00	5.08		
Total Xylenes*	<0.150	0.150	06/23/2025	ND	5.89	98.1	6.00	4.75		
Total BTEX	<0.300	0.300	06/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/23/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2025	ND	218	109	200	0.175	
DRO >C10-C28*	<10.0	10.0	06/21/2025	ND	210	105	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	06/21/2025	ND					

Surrogate: 1-Chlorooctane 90.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 88.3 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TEAM OPERATING
 TY THOMPSON
 3624 S. EUNICE HWY
 HOBBS NM, 88240
 Fax To:

Received: 06/19/2025
 Reported: 06/25/2025
 Project Name: SJU 24
 Project Number: NOT GIVEN
 Project Location: JAL, NM

Sampling Date: 06/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: W - 5 (H253677-32)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/24/2025	ND	1.90	94.9	2.00	5.90		
Toluene*	<0.050	0.050	06/24/2025	ND	1.94	97.2	2.00	5.36		
Ethylbenzene*	<0.050	0.050	06/24/2025	ND	1.99	99.3	2.00	5.08		
Total Xylenes*	<0.150	0.150	06/24/2025	ND	5.89	98.1	6.00	4.75		
Total BTX	<0.300	0.300	06/24/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/23/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2025	ND	218	109	200	0.175	
DRO >C10-C28*	<10.0	10.0	06/21/2025	ND	210	105	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	06/21/2025	ND					

Surrogate: 1-Chlorooctane 84.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.0 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TEAM OPERATING
 TY THOMPSON
 3624 S. EUNICE HWY
 HOBBS NM, 88240
 Fax To:

Received: 06/19/2025
 Reported: 06/25/2025
 Project Name: SJU 24
 Project Number: NOT GIVEN
 Project Location: JAL, NM

Sampling Date: 06/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: W - 6 (H253677-33)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/24/2025	ND	1.90	94.9	2.00	5.90		
Toluene*	<0.050	0.050	06/24/2025	ND	1.94	97.2	2.00	5.36		
Ethylbenzene*	<0.050	0.050	06/24/2025	ND	1.99	99.3	2.00	5.08		
Total Xylenes*	<0.150	0.150	06/24/2025	ND	5.89	98.1	6.00	4.75		
Total BTEX	<0.300	0.300	06/24/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/23/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2025	ND	218	109	200	0.175	
DRO >C10-C28*	<10.0	10.0	06/21/2025	ND	210	105	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	06/21/2025	ND					

Surrogate: 1-Chlorooctane 102 % 44.4-145

Surrogate: 1-Chlorooctadecane 100 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TEAM OPERATING
 TY THOMPSON
 3624 S. EUNICE HWY
 HOBBS NM, 88240
 Fax To:

Received: 06/19/2025
 Reported: 06/25/2025
 Project Name: SJU 24
 Project Number: NOT GIVEN
 Project Location: JAL, NM

Sampling Date: 06/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: W - 7 (H253677-34)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/24/2025	ND	1.90	94.9	2.00	5.90		
Toluene*	<0.050	0.050	06/24/2025	ND	1.94	97.2	2.00	5.36		
Ethylbenzene*	<0.050	0.050	06/24/2025	ND	1.99	99.3	2.00	5.08		
Total Xylenes*	<0.150	0.150	06/24/2025	ND	5.89	98.1	6.00	4.75		
Total BTEX	<0.300	0.300	06/24/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/23/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2025	ND	218	109	200	0.175	
DRO >C10-C28*	<10.0	10.0	06/21/2025	ND	210	105	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	06/21/2025	ND					

Surrogate: 1-Chlorooctane 90.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 88.3 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:				BILL TO				ANALYSIS REQUEST															
Project Manager:				P.O. #:																			
Address:				Company:																			
City: State: Zip:				Attn:																			
Phone #: Fax #:				Address:																			
Project #: Project Owner:				City:																			
Project Name:				State: Zip:																			
Project Location:				Phone #:																			
Sampler Name:				Fax #:																			
FOR LAB USE ONLY																							
Lab I.D.		Sample I.D.		GRAB OR (COMP. # CONTAINERS)		MATRIX		PRESERV.		SAMPLING													
						GROUNDWATER																	
						WASTEWATER																	
						SOIL																	
						OIL																	
						SLUDGE																	
						OTHER:																	
						ACID/BASE:																	
						ICE / COOL																	
						OTHER:																	
										DATE TIME													
H253071		B-21										Tph Cl Btx											
11		B-12																					
12		B-13																					
13		B-14																					
14		B-15																					
15		B-16																					
16		B-17																					
17		B-18																					
18		B-19																					
19		B-20																					
20																							
<small>PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.</small>																							
Relinquished By:				Date: 6-19-25		Received By: [Signature]		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:													
Relinquished By:				Time: 443				All Results are emailed. Please provide Email address:															
Delivered By: (Circle One)				Date:		Received By:		REMARKS:															
Sampler - UPS - Bus - Other:				Time:																			
Observed Temp. °C 3.9				Sample Condition Cool Intact		CHECKED BY: (Initials) [Signature]		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>		Bacteria (only) Sample Condition Cool Intact													
Corrected Temp. °C 4.2				<input type="checkbox"/> Yes <input type="checkbox"/> No				Thermometer ID #140		<input type="checkbox"/> Yes <input type="checkbox"/> No													
FORM-000-R 3.0 02/12/20				<input type="checkbox"/> No <input type="checkbox"/> No				Correction Factor +0.3°C		<input type="checkbox"/> No <input type="checkbox"/> No													

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 39 of 40

Company Name:		BILL TO		ANALYSIS REQUEST									
Project Manager:		P.O. #:											
Address:		Company:											
City:	State: Zip:	Attn:											
Phone #:	Fax #:	Address:											
Project #:	Project Owner:	City:											
Project Name:		State: Zip:											
Project Location:		Phone #:											
Sampler Name:		Fax #:											
FOR LAB USE ONLY													
Lab I.D.	Sample I.D.	(GRAB OR (COMP. # CONTAINERS	MATRIX	PRESERV.	SAMPLING								
			GROUNDWATER										
			WASTEWATER										
			SOIL										
			OIL										
			SLUDGE										
			OTHER:										
			ACID/BASE:										
			ICE / COOL										
			OTHER:										
					DATE	TIME							
#253107	B-21				6/19/25	1:50 PM	TPH	LI	BTEX				
21	B-22				6/19/25	1:52 PM							
22	B-23				6/19/25	1:51 PM							
23	B-24				6/19/25	1:52 PM							
24	B-25				6/19/25	1:53 PM							
25	B-26				6/19/25	1:54 PM							
26	B-27				6/19/25	1:55 PM							
27	W-1				6/19/25	1:10 PM							
28	W-2				6/19/25	1:21 PM							
29	W-3				6/19/25	1:22 PM							
30													

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Relinquished By:

Relinquished By: *Franz R*

Date: 6-19-25
Time: 1443

Received By:

Received By: *Stad Rigney*

Received By:

Date:
Time:

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

Observed Temp. °C: 39.1
Corrected Temp. °C: 4.25

Sample Condition
Cool Intact
☐ Yes ☒ No

CHECKED BY:
(Initials)
88

Verbal Result: ☐ Yes ☒ No Add'l Phone #:
All Results are emailed. Please provide Email address:

REMARKS:

Turnaround Time: Standard ☒ Rush ☐

Thermometer ID #140
Correction Factor +0.3°C

Bacteria (only) Sample Condition
Cool Intact Observed Temp. °C
☐ Yes ☒ No
Corrected Temp. °C

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

July 10, 2025

TY THOMPSON

TEAM OPERATING

3624 S. EUNICE HWY

HOBBS, NM 88240

RE: SJU D24

Enclosed are the results of analyses for samples received by the laboratory on 07/03/25 13:06.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. 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:

TEAM OPERATING
 TY THOMPSON
 3624 S. EUNICE HWY
 HOBBS NM, 88240
 Fax To:

Received: 07/03/2025
 Reported: 07/10/2025
 Project Name: SJU D24
 Project Number: D24
 Project Location: JAL, NM

Sampling Date: 07/03/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: D 24 B (H254020-01)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/07/2025	ND	2.10	105	2.00	0.725	
Toluene*	<0.050	0.050	07/07/2025	ND	2.13	107	2.00	1.20	
Ethylbenzene*	<0.050	0.050	07/07/2025	ND	2.13	106	2.00	2.18	
Total Xylenes*	<0.150	0.150	07/07/2025	ND	6.34	106	6.00	1.97	
Total BTEX	<0.300	0.300	07/07/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/07/2025	ND	416	104	400	0.00		

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	07/08/2025	ND	217	108	200	1.32	
DRO >C10-C28*	<10.0	10.0	07/08/2025	ND	204	102	200	1.89	
EXT DRO >C28-C36	<10.0	10.0	07/08/2025	ND					

Surrogate: 1-Chlorooctane 94.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 91.6 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager

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

Company Name: <u>Team Operating</u> Project Manager: <u>Ty Thompson</u> Address: <u>3624 S Eunice Hwy</u> City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>88240</u> Phone #: <u>903-941-6763</u> Fax #: Project #: <u>D24</u> Project Owner: Project Name: <u>SJU D24</u> Project Location: <u>Jal NM</u> Sampler Name: <u>Frank Palomera</u>		BILL TO P.O. #: Company: Attn: Address: City: State: Zip: Phone #: Fax #:		ANALYSIS REQUEST													
FOR LAB USE ONLY Lab I.D. <u>H2540210</u> Sample I.D. <u>D24 B Frank-7-3-25</u> <u>D24 B</u>		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:		MATRIX PRESERV. SAMPLING DATE TIME		TPH BTEX CI 7-3-25 11:00 AM X X X											
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing on or before the date of payment.																	

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Relinquished By: _____ Date: _____ Received By: _____

Relinquished By: <u>Frank P.</u>		Date: <u>7-25</u>	Received By: <u>Shodkiewicz</u>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
Relinquished By:		Time: <u>1300</u>		All Results are emailed. Please provide Email address:
		Date:	Received By:	REMARKS:
		Time:		
Delivered By: (Circle One)	Observed Temp. °C <u>4.9</u>	Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) <u>SK</u>	Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>
Sampler - UPS - Bus - Other:	Corrected Temp. °C <u>5.2</u>	<input type="checkbox"/> Yes <input type="checkbox"/> No		Thermometer ID #140 Correction Factor +0.3°C
FORM-G00-R 5.5 02/12/20		Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C		

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

ATTACHMENT 4 – NMOCD SAMPLING NOTIFICATION



OCD Permitting

Home > Operator Data > Action Status > Action Search Results > Action Status Item Details

[NOTIFY] Notification Of Sampling (C-141N) Application

Submission Information

Submission ID:	475517	Districts:	Hobbs
Operator:	[332148] TEAM OPERATING, L.L.C.	Counties:	Lea
Description:	TEAM OPERATING, L.L.C. [332148] , SOUTH JUSTIS UNIT #024 , nAPP2308648014		
Status:	APPROVED		
Status Date:	06/16/2025		
References (0):			

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2308648014
Incident Name	NAPP2308648014 SOUTH JUSTIS UNIT #024 @ 30-025-11794
Incident Type	Produced Water Release
Incident Status	Remediation Plan Approved
Incident Well	[30-025-11794] SOUTH JUSTIS UNIT #024

Location of Release Source

Site Name	SOUTH JUSTIS UNIT #024
Date Release Discovered	03/24/2023
Surface Owner	Private

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	6,746
What is the estimated number of samples that will be gathered	34
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/19/2025
Time sampling will commence	07:00 AM
Warning: Notification can not be less than two business days prior to conducting final sampling.	
Please provide any information necessary for observers to contact samplers	Frank 903-941-6763
Please provide any information necessary for navigation to sampling site	32.103779, -103.122979



does not have acknowledgments, at this time.

Comments

No comments found for this submission.

Conditions

Summary: *tthompson (6/16/2025)*, Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

tthompson (6/16/2025), If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.

Reasons

No reasons found for this submission.

Go Back



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

QUESTIONS

Action 493716

QUESTIONS

Operator: TEAM OPERATING, L.L.C. PO Box 835 Pinehurst, TX 77362	OGRID: 332148
	Action Number: 493716
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2308648014
Incident Name	NAPP2308648014 SOUTH JUSTIS UNIT #024 @ 30-025-11794
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-11794] SOUTH JUSTIS UNIT #024

Location of Release Source

Please answer all the questions in this group.

Site Name	SOUTH JUSTIS UNIT #024
Date Release Discovered	03/24/2023
Surface Owner	Private

Incident Details

Please answer all the questions in this group.

Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Cause: Equipment Failure Flow Line - Production Crude Oil Released: 6 BBL (Unknown Released Amount) Recovered: 0 BBL Lost: 6 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure Flow Line - Production Produced Water Released: 203 BBL (Unknown Released Amount) Recovered: 0 BBL Lost: 203 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 493716

QUESTIONS (continued)

Operator: TEAM OPERATING, L.L.C. PO Box 835 Pinehurst, TX 77362	OGRID: 332148
	Action Number: 493716
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	False
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Release occurred in pasture where there are no containment features.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: Ty Thompson Email: ty.thompson@teamoperating.com Date: 08/08/2025
--	--

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QUESTIONS, Page 3

Action 493716

QUESTIONS (continued)

Operator: TEAM OPERATING, L.L.C. PO Box 835 Pinehurst, TX 77362	OGRID: 332148
	Action Number: 493716
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between ½ and 1 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1000 (ft.) and ½ (mi.)
Any other fresh water well or spring	Between 1000 (ft.) and ½ (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	32
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	06/16/2025
On what date will (or did) the final sampling or liner inspection occur	06/19/2025
On what date will (or was) the remediation complete(d)	07/10/2025
What is the estimated surface area (in square feet) that will be reclaimed	5000
What is the estimated volume (in cubic yards) that will be reclaimed	740
What is the estimated surface area (in square feet) that will be remediated	5000
What is the estimated volume (in cubic yards) that will be remediated	740
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 493716

QUESTIONS (continued)

Operator: TEAM OPERATING, L.L.C. PO Box 835 Pinehurst, TX 77362	OGRID: 332148
	Action Number: 493716
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	SUNDANCE SERVICES, INC [fKJ1600527371]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Ty Thompson Email: ty.thompson@teamoperating.com Date: 08/08/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 493716

QUESTIONS (continued)

Operator: TEAM OPERATING, L.L.C. PO Box 835 Pinehurst, TX 77362	OGRID: 332148
	Action Number: 493716
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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QUESTIONS, Page 6

Action 493716

QUESTIONS (continued)

Operator: TEAM OPERATING, L.L.C. PO Box 835 Pinehurst, TX 77362	OGRID:
	332148
	Action Number:
	493716
Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	475517
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/19/2025
What was the (estimated) number of samples that were to be gathered	34
What was the sampling surface area in square feet	6746

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	5000
What was the total volume (cubic yards) remediated	740
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	5000
What was the total volume (in cubic yards) reclaimed	740
Summarize any additional remediation activities not included by answers (above)	None
<i>The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Ty Thompson Email: ty.thompson@teamoperating.com Date: 08/08/2025

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QUESTIONS, Page 7

Action 493716

QUESTIONS (continued)

Operator: TEAM OPERATING, L.L.C. PO Box 835 Pinehurst, TX 77362	OGRID: 332148
	Action Number: 493716
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 493716

CONDITIONS

Operator: TEAM OPERATING, L.L.C. PO Box 835 Pinehurst, TX 77362	OGRID: 332148
	Action Number: 493716
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
nvez	None	9/3/2025