



SITE CHARACTERIZATION AND REMEDIATION REPORT

**SOUTH JUSTIS UNIT #19 FLOWLINE
32.119208, -103.116675
UNIT F/G, SECTION 24, T25S-R37E
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT ID #nAPP2504260553**

PREPARED FOR:

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PREPARED BY:

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RANGER REFERENCE #6970

MAY 23, 2025


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TABLE OF CONTENTS

1.0	SITE LOCATION AND BACKGROUND	1
2.0	SITE CHARACTERIZATION	1
2.1	Depth-to-Groundwater.....	1
2.2	Wellhead Protection Area.....	2
2.3	Distance to Nearest Significance Watercourse	2
2.4	Closure Criteria	2
3.0	SITE REMEDIATION	3
3.1	Soil Removal and Confirmation Sampling.....	3
3.2	Waste Disposal	4
4.0	SITE CLOSURE.....	4
4.1	Site Backfill & Re-seeding	4
4.2	Closure Request.....	4
5.0	LIMITATIONS	4

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

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 Correspondence



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1.0 SITE LOCATION AND BACKGROUND

The South Justis Unit #19 Flowline (Site) is located on private property, approximately 4.56 miles east of Jal, within Lea County, New Mexico. The Site is situated in Unit F and G, Section 24, T25S-R37E at approximate GPS coordinates 32.119208, -103.116675.

On February 10, 2025, a release was discovered originating from an aboveground flowline associated with the South Justis Unit #19 well. Due to cold weather, fluids within the steel flowline froze resulting in its failure at approximate GPS coordinates 32.119208, -103.116675 (Main Release). Additionally, due to the frozen fluids blocking the line, an additional release/impact area occurred at a flowline sweep (Sweep Release) located southwest of the Main Release, at approximate GPS coordinates 32.11906, -103.116869. Based on the observed impacts, an estimated total of three barrels (bbls) of produced water and one bbl of oil were released. Upon discovery, the flowline was taken out-of-service and emergency response efforts were initiated. The incident was reported to the New Mexico Oil Conservation Division (NMOCD) on February 11, 2025.

In order to address the impacts associated with the release, remedial soil removal operations were initiated on May 1, 2025. Team Operating, LLC (Team Operating) has engaged Ranger Environmental Services, LLC (Ranger) to provide guidance for remedial efforts and assist in documentation of the activities completed at the Site.

The following *Site Characterization and Remediation Report* has been prepared to provide full details of the completed remedial efforts at the Site.

A *Topographic Map* and *Area Map* depicting the location of the Site and surrounding areas, and Site Maps illustrating 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 water wells were identified within a half-

mile radius of the Site. Based on the reviewed information, depth-to-groundwater in the area is believed to be greater than 70 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 320713103065701	~ 458 feet Northeast
USGS 320714103065701	~ 546 feet Northeast
USGS 320703103065701	~ 673 feet Southeast
USGS 320719103071001	~ 1,316 feet Northwest
CP 00363 POD1	~ 1,345 feet Southwest
CP 00783 POD1	~ 1,432 feet Northwest
USGS 320724103065501	~ 1,571 feet North-Northeast
USGS 320724103071101	~ 1,773 feet Northwest
USGS 320639103071301	~ 1,779 feet Southwest
CP 00258 POD1	~ 1,784 feet North
CP 00782 POD1	~ 1,939 feet Northwest
USGS 320724103071501	~ 1,979 feet Northwest
USGS 320728103064801	~ 2,170 feet Northeast
USGS 320723103072101	~ 2,283 feet Northwest
CP 00261 POD2	~ 2,406 feet North
USGS 320733103070001	~ 2,414 feet North

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

Based upon the extent of impacts and completed remediation efforts (in the surface to four-foot bgs soil interval), the remediation activities were conducted to bring the area into compliance with the Restoration, Reclamation and Re-Vegetation Criteria (Restoration Criteria) detailed in New Mexico Administrative Code (NMAC) 19.15.29.13. The regulatory criteria are summarized below:

REGULATORY STANDARD	CHLORIDE	TPH (GRO+DRO +MRO)	TPH (GRO+DRO)	BTEX	BENZENE
19.15.29.13 NMAC Restoration, Reclamation and Re-Vegetation (Soils 0'-4')	600	100*	---	50*	10*

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

* 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 Confirmation Sampling

On May 1, 2025, representatives of Team Operating initiated soil removal operations at the Site. As previously stated, two distinct release impact areas were associated with the incident; therefore, remedial soil removal operations were completed in two separate areas. Based on the observed impacts from the release, excavation in both areas was completed to boundaries anticipated to be within the applicable Table 1 and Reclamation Criteria.

Upon completion of the initial soil removal operations, excavation in the Main Release area was reported to be completed to dimensions of approximately 46.5 feet by 34 feet and was completed to a depth of approximately 16 inches bgs. Initial excavation operations in the Sweep Release Area were completed to maximum dimensions of approximately 39 feet by 18 feet and to a depth of approximately one foot bgs.

On February 7, 2025, representatives of Team Operating collected confirmation soil samples in the excavated areas. During the assessment, samples were collected from various locations along each excavation base as well as the side walls of each excavation. It was reported to Ranger that all confirmation sampling activities were completed in accordance with NMAC 19.15.29.12; therefore, each confirmation soil sample was collected as a five-part composite sample representing less than 200 square feet. In the Main Release area, a total of a total of 12 samples were collected for laboratory analysis. In the Sweep Release area, a total of eight confirmation soil samples were collected 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 reportedly collected and managed using standard QA/QC and chain-of-custody procedures.

Upon review of the soil sample analytical results, all samples collected were documented to have BTEX, TPH, and chloride concentrations below the applicable NMAC Reclamation Criteria.

A *Final Excavation and Confirmation Sample Location Map* depicting the excavated area and confirmation sampling locations is attached.

Site Characterization and Remediation Report
South Justis Unit #19
Team Operating, LLC

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 110 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 results, the excavated areas will be backfilled with clean fill material in accordance with NMAC 19.15.29.12 and NMAC 19.15.29.13. Re-vegetation efforts in the areas will be completed in accordance with NMAC 19.15.29.13

4.2 Closure Request

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

5.0 LIMITATIONS

This report is based solely on available records and data, as well as information provided to Ranger. 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

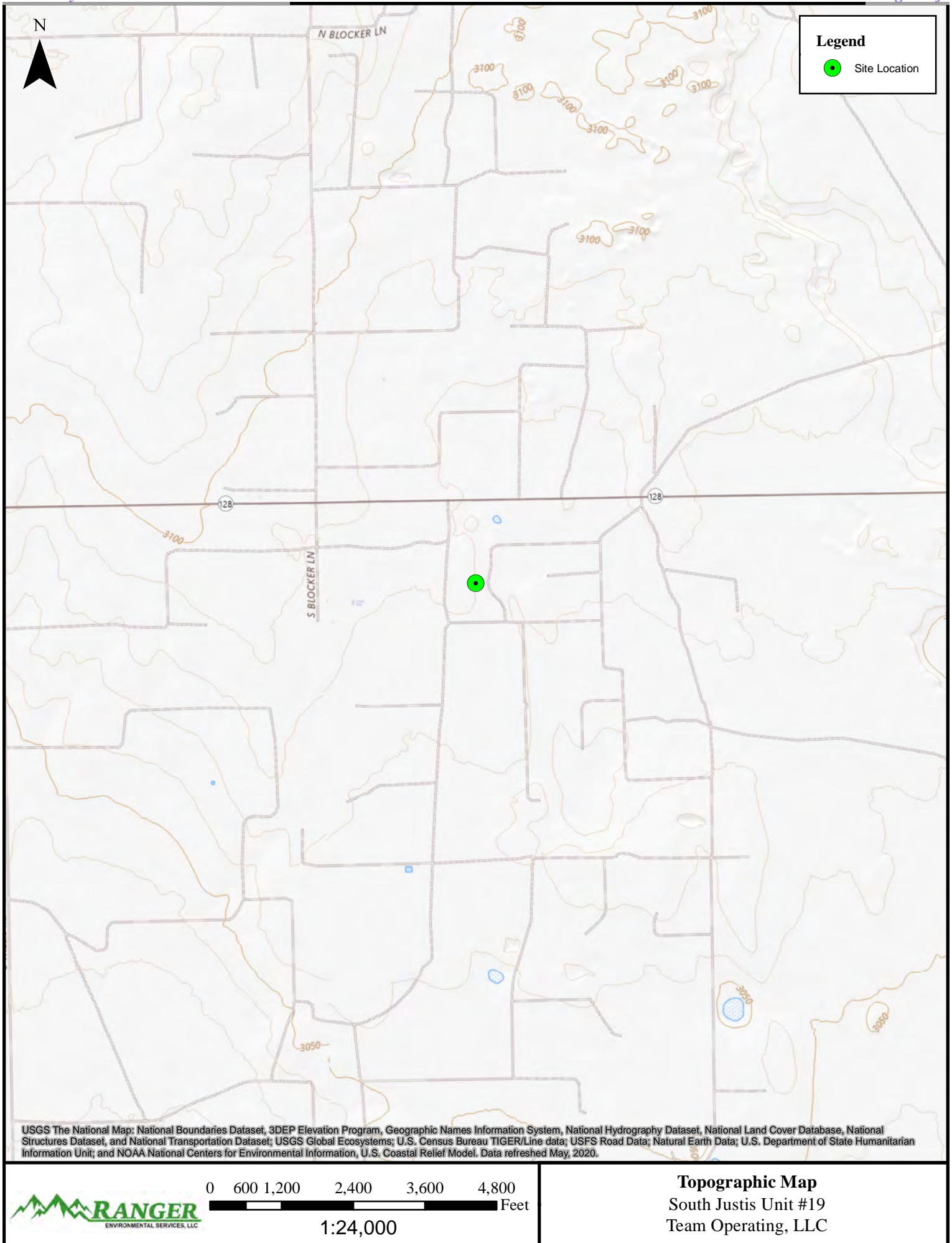
Area Map

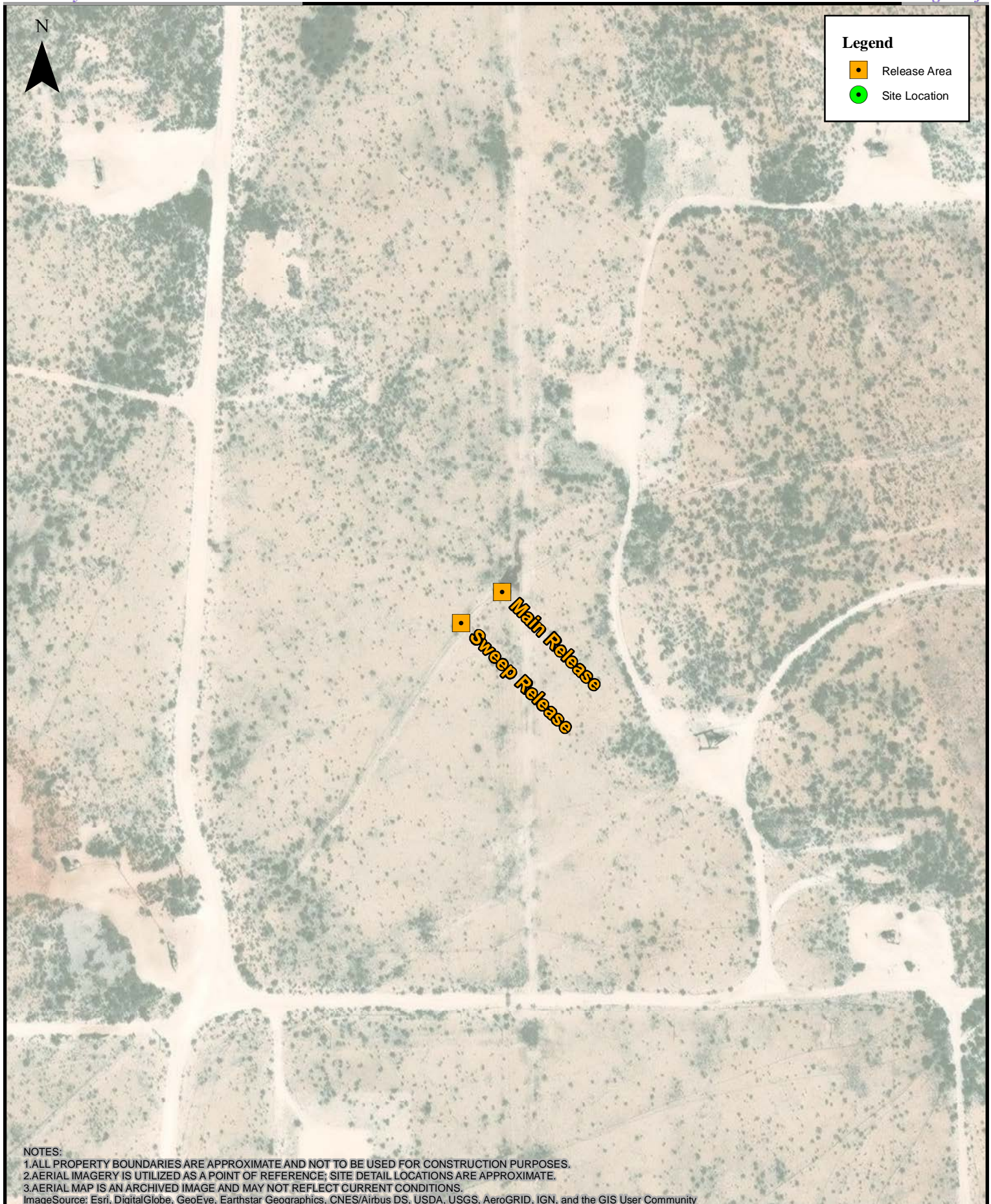
Depth-to-Groundwater Information Location Map

National Wetland Inventory Map

Karst Topography Map

Final Excavation Area and Confirmation Sample Location Map



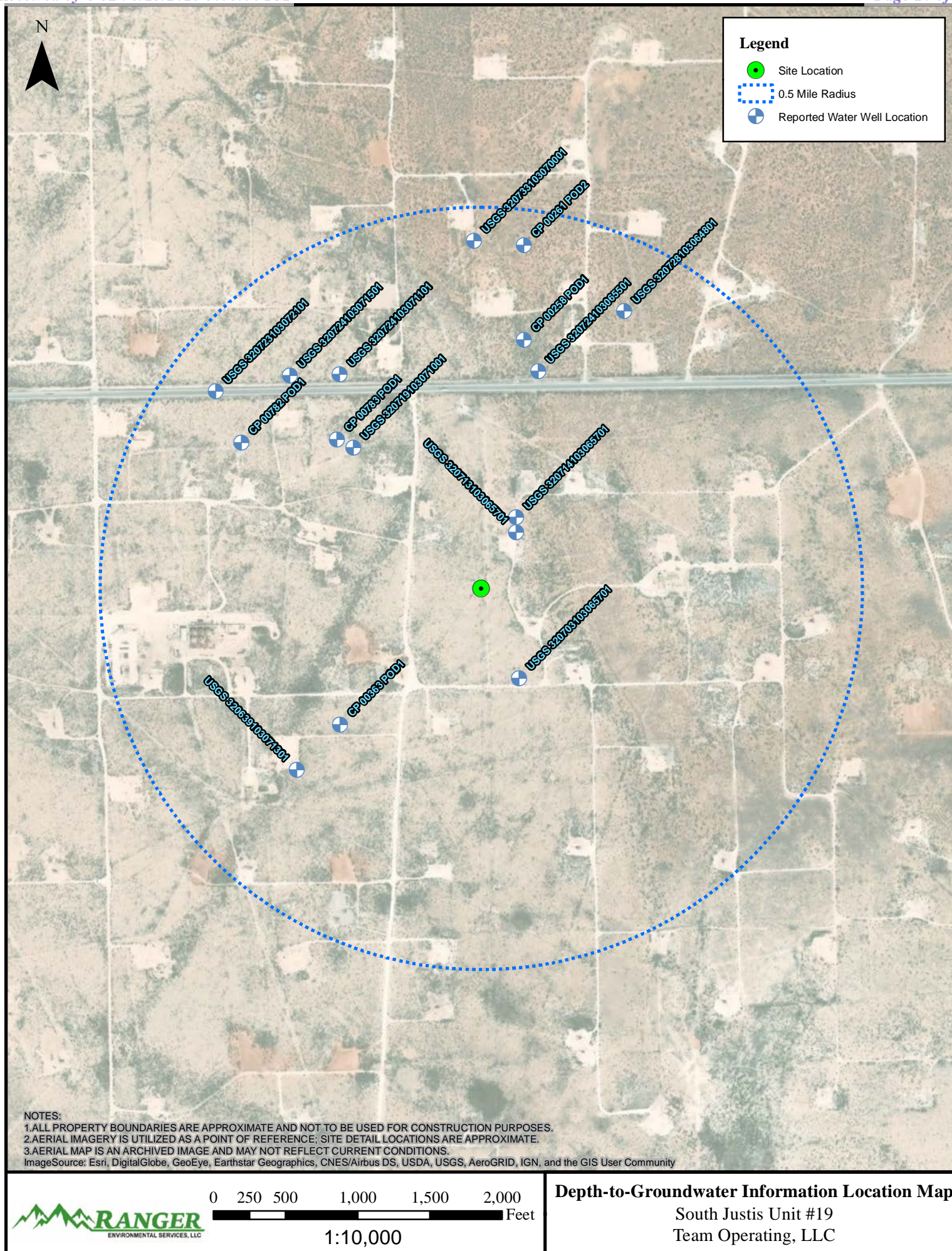


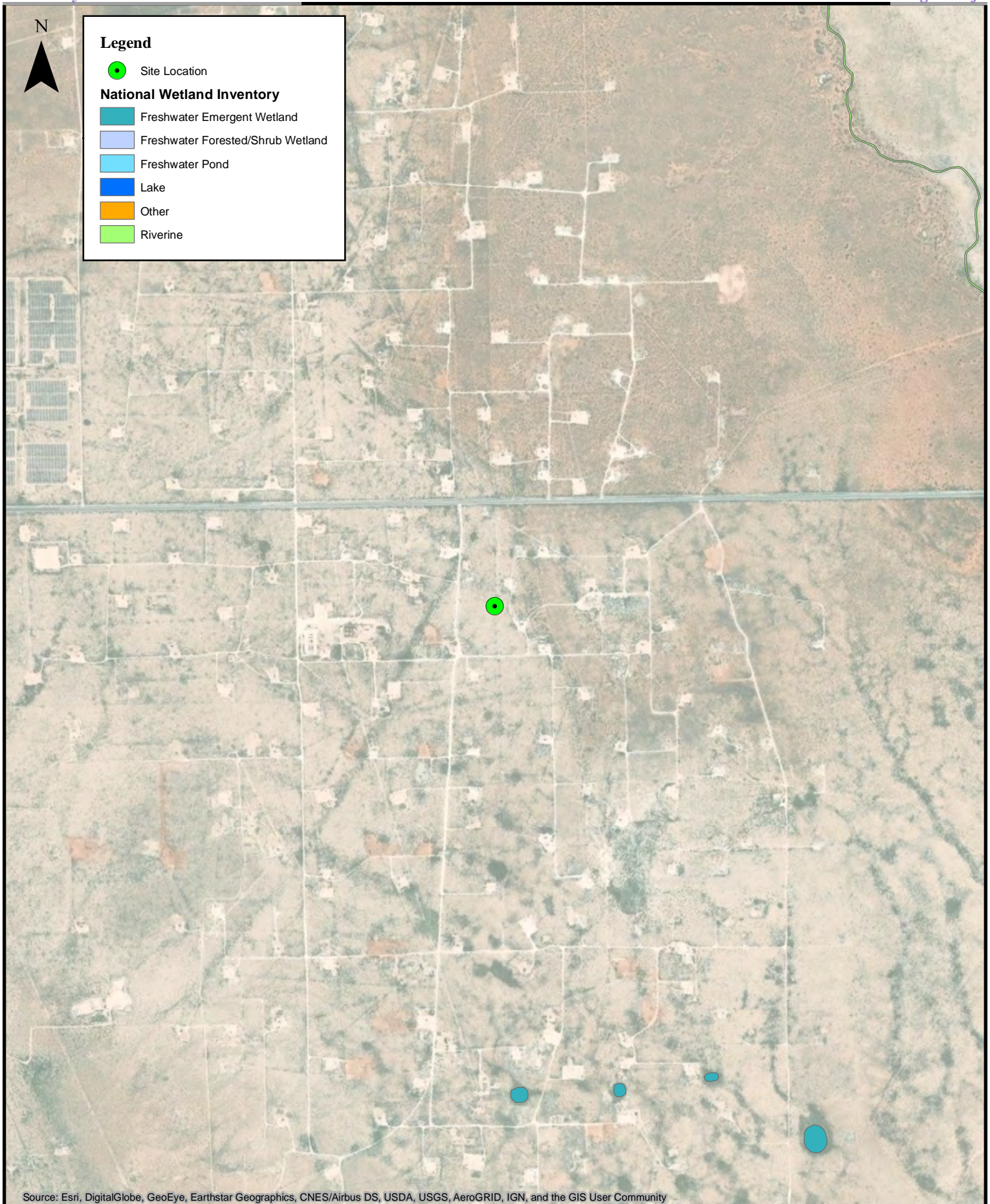
0 62.5 125 250 375 500 Feet


1:2,500

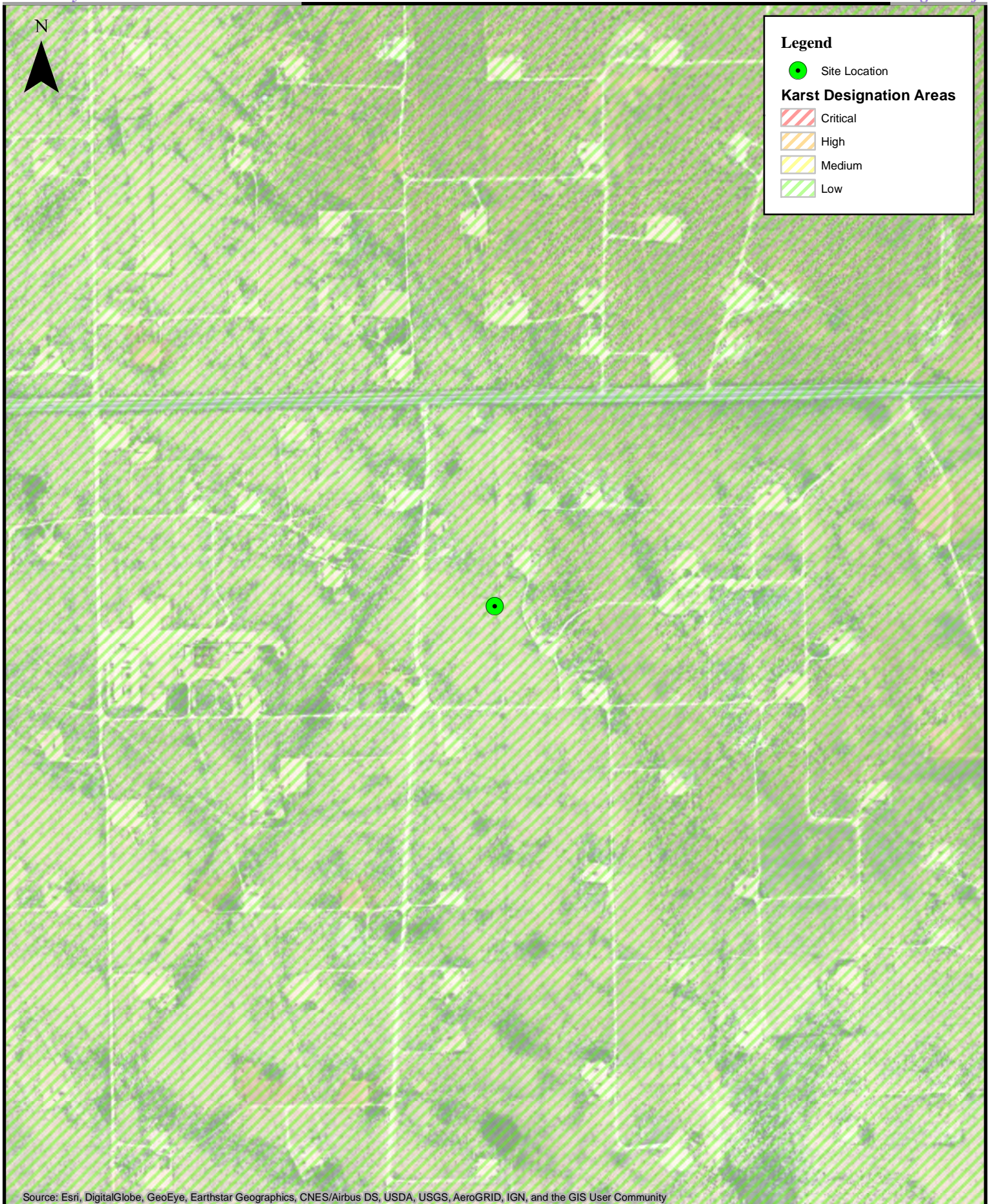
Area Map


South Justis Unit #19
Team Operating, LLC





 <p>0 500 1,000 2,000 3,000 4,000 Feet</p> <p>1:20,000</p>	<p>National Wetland Inventory Map</p> <p>South Justis Unit #19</p> <p>Team Operating, LLC</p>
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0 250 500 1,000 1,500 2,000 Feet

1:10,000

Karst Topography Map
South Justis Unit #19
Team Operating, LLC



TABLES

Confirmation Sample Soil BTEX (EPA 8021), 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 #19													
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
MAIN RELEASE IMPACT/REMEDATION AREA SOIL SAMPLES													
Excavation Side Wall Soil Samples													
A1	5/7/2025	0-1.33'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	32.0
A2	5/7/2025	0-1.33'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	16.0
A3	5/7/2025	0-1.33'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	32.0
A4	5/7/2025	0-1.33'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	16.0
Excavation Base Soil Samples													
A5	5/7/2025	1.33'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	16.0
A6	5/7/2025	1.33'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	16.0
A7	5/7/2025	1.33'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	16.0
A8	5/7/2025	1.33'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	16.0
A9	5/7/2025	1.33'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	32.0
A10	5/7/2025	1.33'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	16.0
A11	5/7/2025	1.33'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	16.0
A12	5/7/2025	1.33'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	16.0
SWEEP RELEASE IMPACT/REMEDATION AREA SOIL SAMPLES													
Excavation Side Wall Soil Samples													
B1	5/7/2025	0-1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	<16.0
B2	5/7/2025	0-1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	16.0
B3	5/7/2025	0-1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	<16.0
B4	5/7/2025	0-1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	<16.0
Excavation Base Soil Samples													
B5	5/7/2025	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	<16.0
B6	5/7/2025	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	<16.0
B7	5/7/2025	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	<16.0
B8	5/7/2025	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	<16.0
19.15.29.13 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 flowline failure impact area upon discovery. The view is towards the southwest.

(Approximate GPS Coordinates: 32.119381, -103.116500)



PHOTOGRAPH NO. 2 – A view of the flowline sweep release area upon discovery. The view is towards the southwest.

(Approximate GPS Coordinates: 32.119167, -103.116639)



PHOTOGRAPH NO. 3 – A view of the flowline failure area upon completion of the removal process. The view is towards the north.


(Approximate GPS Coordinates: 32.676778, -104.502896)



PHOTOGRAPH NO. 4 – A view of the flowline failure area upon completion of the removal process. The view is towards the southeast.

(Approximate GPS Coordinates: 32.119167, -103.116639)

ATTACHMENT 2 – DEPTH-TO-GROUNDWATER INFORMATION



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

National Water Information System: Web Interface

[USGS Water Resources](#)

Data Category:
Groundwater ▼

Geographic Area:
United States ▼

GO



Click to hide News Bulletins

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

Groundwater levels for the Nation



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

Search Results -- 1 sites found

site_no list =

- 320724103071501

Minimum number of levels = 1

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

USGS 320724103071501 25S.37E.13.31244

Groundwater: Field measurements ▼

GO

Lea County, New Mexico

Hydrologic Unit Code 13070007

Latitude 32°07'24", Longitude 103°07'15" NAD27

Land-surface elevation 3,087 feet above NAVD88

The depth of the well is 152 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.

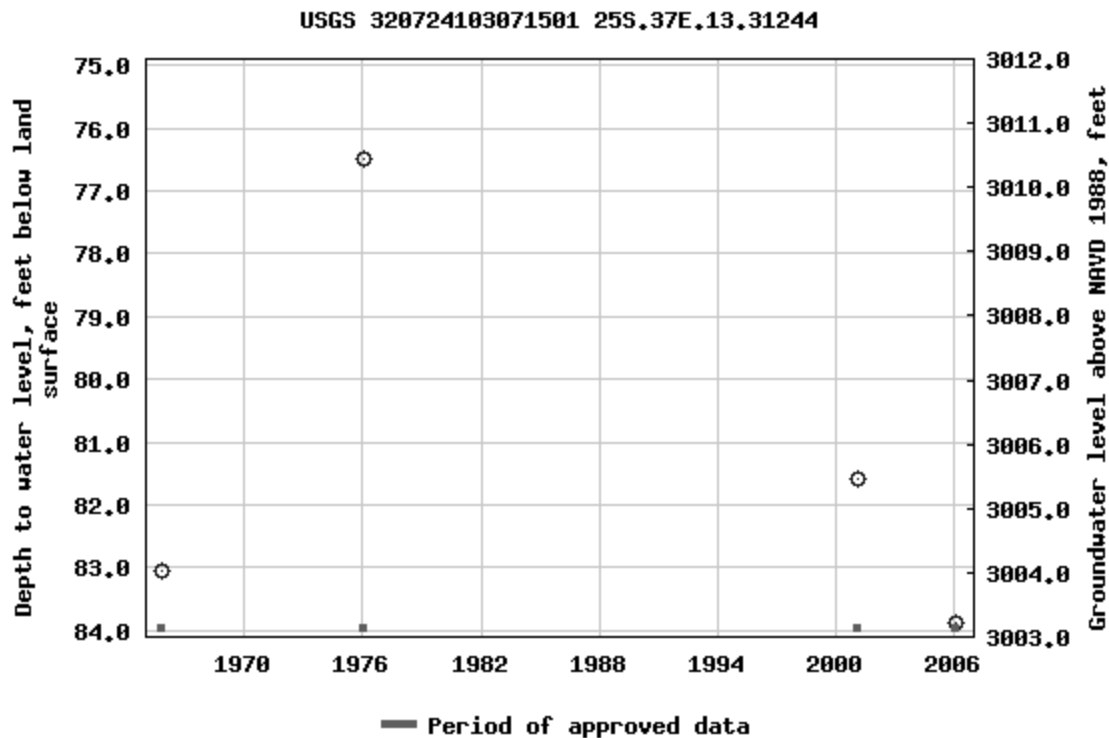
Output formats

[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 USA: Water Levels

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



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

Page Last Modified: 2025-04-09 17:33:43 EDT


0.58 0.43 nadww02

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 00258 POD1	SW	SW	SE	13	25S	37E	677767.0	3555728.0 *	

* 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:

7.00

Depth Well:

120

Depth Water:


73

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

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 00261 POD2	NW	SW	SE	13	25S	37E	677767.0	3555928.0 *	

* UTM location was derived from PLSS - see Help

Driller License:	46	Driller Company:	ABBOTT BROTHERS COMPANY		
Driller Name:	ABBOTT, FLOYD				
Drill Start Date:	1980-09-04	Drill Finish Date:	1980-09-06	Plug Date:	
Log File Date:	1980-09-19	PCW Rcv Date:	1980-12-01	Source:	Shallow
Pump Type:	TURBIN	Pipe Discharge Size:		Estimated Yield:	90
Casing Size:	6.63	Depth Well:	95	Depth Water:	50

Water Bearing Stratifications:

Top	Bottom	Description
50	95	Other/Unknown

Casing Perforations:


Top	Bottom
57	95

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

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 00363 POD1	SW	SE	NW	24	25S	37E	677379.0	3554917.0 *	

* 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:

1967-12-05

Source:

Shallow

Pump Type:

TURBIN

Pipe Discharge Size:

Estimated Yield:

146

Casing Size:

9.63

Depth Well:


Depth Water:

901

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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 00782 POD1	NE	NW	NW	24	25S	37E	677170.0	3555512.0 *	

* UTM location was derived from PLSS - see Help

Driller License:		Driller Company:	
Driller Name:		BOB MANTHEI	
Drill Start Date:	1958-12-02	Drill Finish Date:	1959-01-17
Plug Date:			
Log File Date:	1994-01-20	PCW Rcv Date:	1993-08-23
Source:		Artesian	
Pump Type:		Pipe Discharge Size:	2.875
Estimated Yield:			
Casing Size:	5.50	Depth Well:	7090
Depth Water:		515	

Water Bearing Stratifications:

Top	Bottom	Description
3476	4153	Limestone/Dolomite/Chalk

Casing Perforations:

Top	Bottom
3476	4153

Meter Information

Meter Number:	8841	Meter Make:	HALLIBURTON
Meter Serial Number:	2 ST 20382	Meter Multiplier:	1.0000
Number of Dials:	6	Meter Type:	Diversion
Unit of Measure:	Barrels 42 gal.	Reading Frequency:	Quarterly

Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount	Online
2005-03-31	2005	0.000	A	jw		0.000	

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount	Online
2005-07-11	2005	0.000	A	jw		0.000	
2005-10-24	2005	109563.000	A	jw		14.122	
2006-01-05	2005	347092.858	A	RPT		30.616	
2006-04-05	2006	347092.858	A	RPT		0.000	

YTD Meter Amounts:

Year	Amount
2005	44.738
2006	0.000


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

4/9/25 3:16 PM MST

Point of Diversion Summary

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 00783 POD1	NW	NE	NW	24	25S	37E	677372.0	3555519.0 *	

* UTM location was derived from PLSS - see Help

Driller License:		Driller Company:	
Driller Name:		BOB MANTHEI	
Drill Start Date:	1993-09-23	Drill Finish Date:	1993-11-01
Plug Date:			
Log File Date:	1994-01-20	PCW Rcv Date:	1994-02-15
Source:		Artesian	
Pump Type:		Pipe Discharge Size:	5.5
Estimated Yield:			
Casing Size:	10.75	Depth Well:	4500
Depth Water:		728	

Water Bearing Stratifications:

Top	Bottom	Description
3300	4500	Limestone/Dolomite/Chalk

Casing Perforations:

Top	Bottom
3300	4500

Meter Information

Meter Number:	8842	Meter Make:	BLANCETT
Meter Serial Number:	08129301	Meter Multiplier:	1.0000
Number of Dials:	8	Meter Type:	Diversion
Unit of Measure:	Barrels 42 gal.	Reading Frequency:	Quarterly

Meter Readings (in Acre-Feet)


Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount	Online
2005-03-31	2005	1245736.000	A	jw		0.000	

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount	Online
2005-10-24	2005	1367047.000	A	jw		15.636	
2006-01-05	2005	1860067.312	A	RPT		63.547	
2006-04-05	2006	2915087.489	A	RPT		135.985	

YTD Meter Amounts:

Year	Amount
2005	79.183
2006	135.985

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



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Search Results -- 1 sites found

site_no list =

- 320639103071301

Minimum number of levels = 1

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

USGS 320639103071301 25S.37E.24.14333

Groundwater: Field measurements ▼

GO

Lea County, New Mexico

Hydrologic Unit Code 13070007

Latitude 32°06'57", Longitude 103°07'15" NAD27

Land-surface elevation 3,075.10 feet above NGVD29

The depth of the well is 901 feet below land surface.

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

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

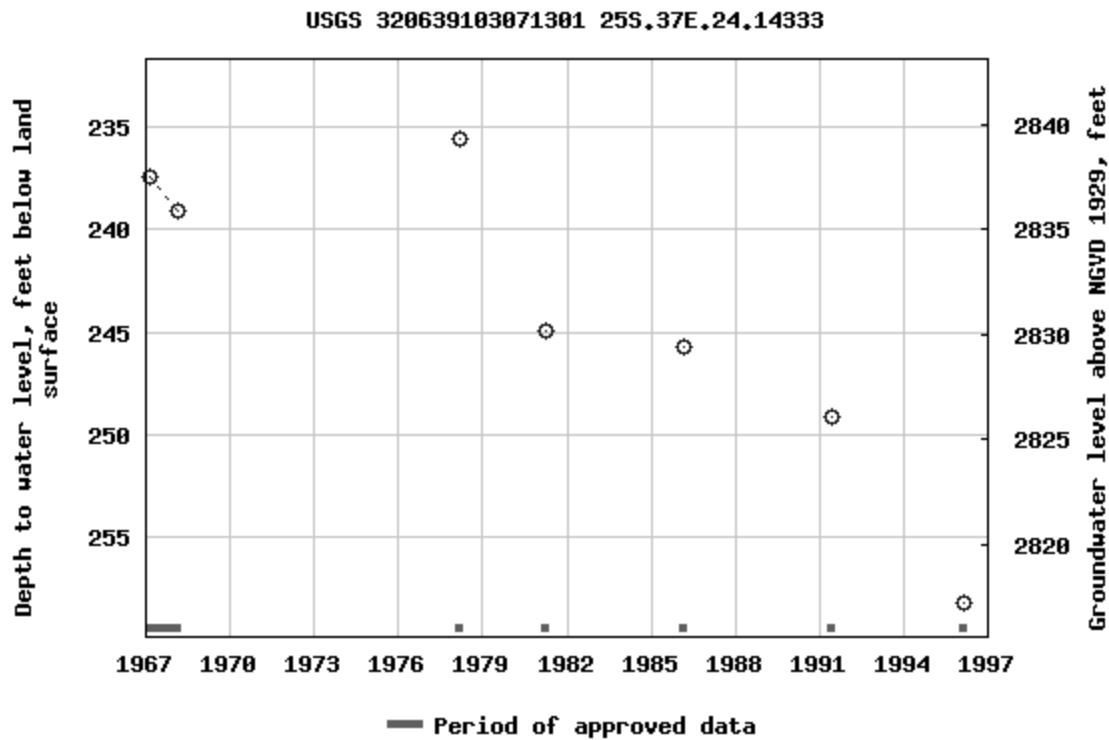
Output formats

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0.61 0.45 nadww01



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Search Results -- 1 sites found

site_no list =

- 320703103065701

Minimum number of levels = 1

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USGS 320703103065701 25S.37E.24.21123

Groundwater: Field measurements



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Lea County, New Mexico

Hydrologic Unit Code 13070007

Latitude 32°07'03", Longitude 103°06'57" NAD27

Land-surface elevation 3,078 feet above NAVD88

The depth of the well is 112 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.

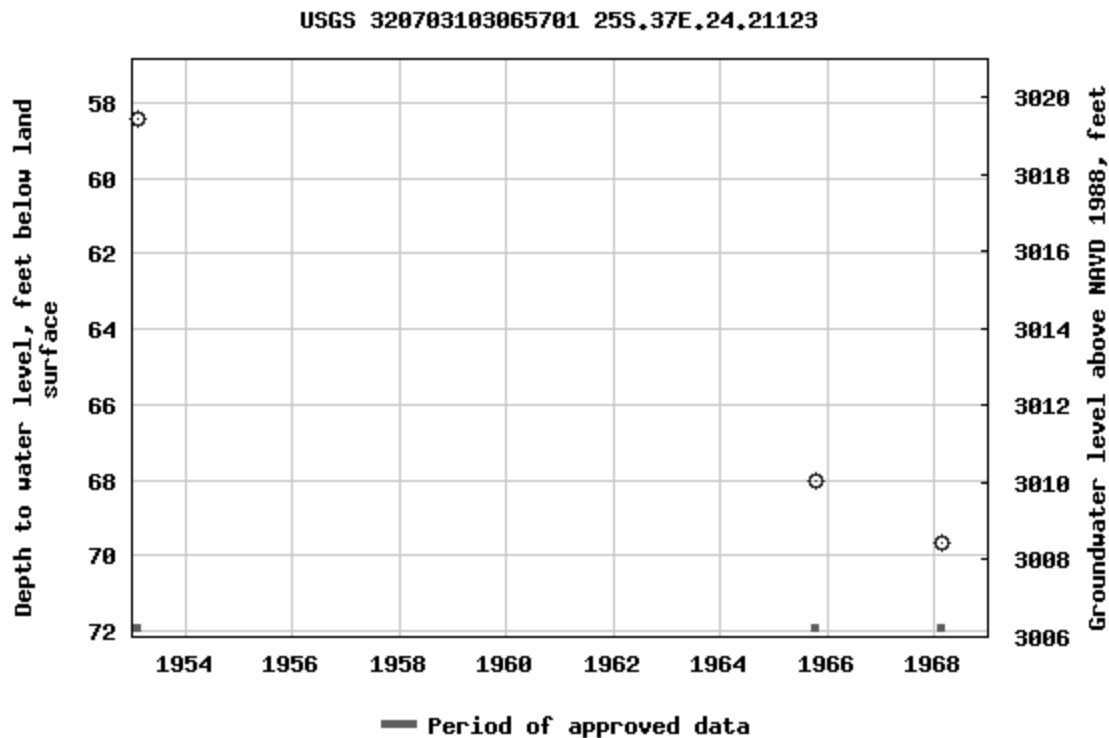
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site_no list =

- 320713103065701

Minimum number of levels = 1

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USGS 320713103065701 25S.37E.13.431312

Groundwater: Field measurements



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Lea County, New Mexico

Hydrologic Unit Code 13070007

Latitude 32°07'13", Longitude 103°06'57" NAD27

Land-surface elevation 3,077 feet above NAVD88

The depth of the well is 120 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.

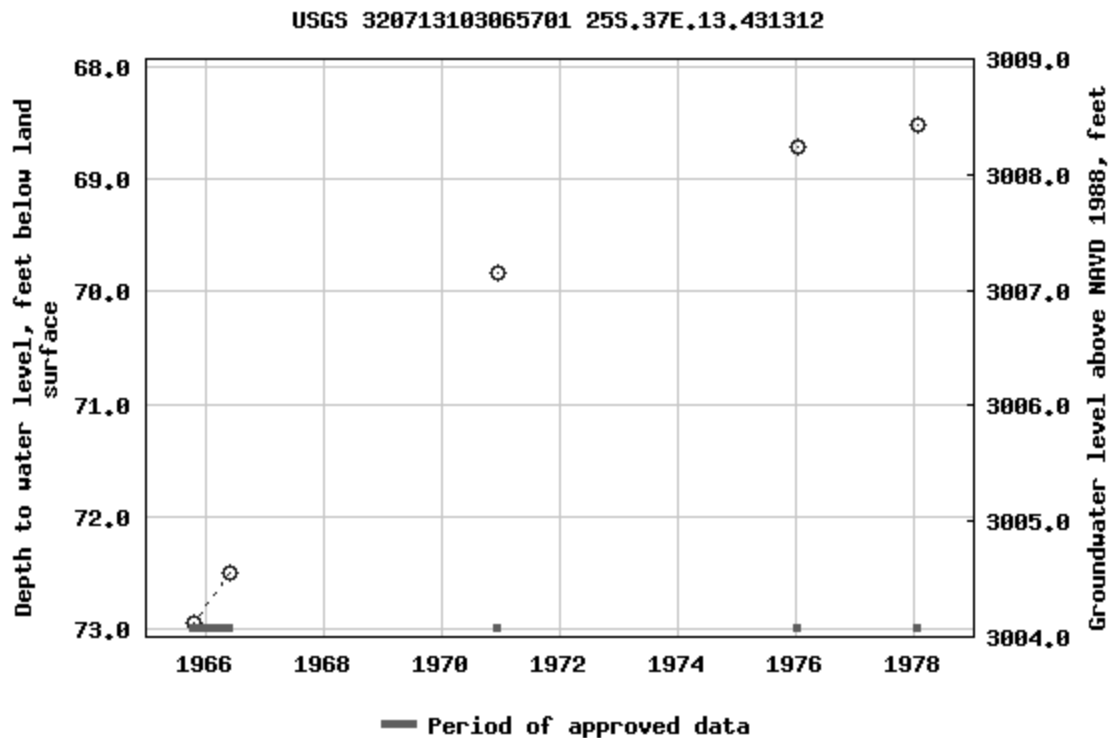
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0.69 0.54 nadww02



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site_no list =

- 320714103065701

Minimum number of levels = 1

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USGS 320714103065701 25S.37E.13.43113

Groundwater: Field measurements



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Lea County, New Mexico

Hydrologic Unit Code 13070007

Latitude 32°07'14", Longitude 103°06'57" NAD27

Land-surface elevation 3,077 feet above NAVD88

The depth of the well is 120 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.

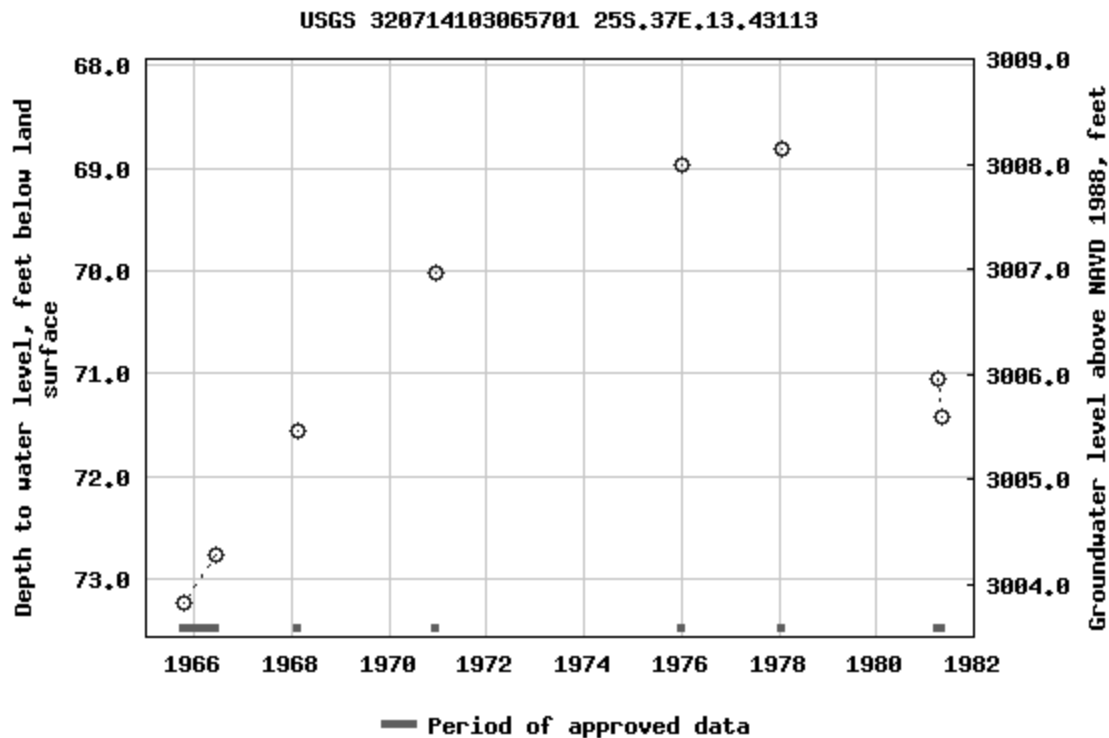
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site_no list =

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Minimum number of levels = 1

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USGS 320719103071001 25S.37E.13.323344

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Lea County, New Mexico

Hydrologic Unit Code 13070007

Latitude 32°07'19", Longitude 103°07'10" NAD27

Land-surface elevation 3,083 feet above NAVD88

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.

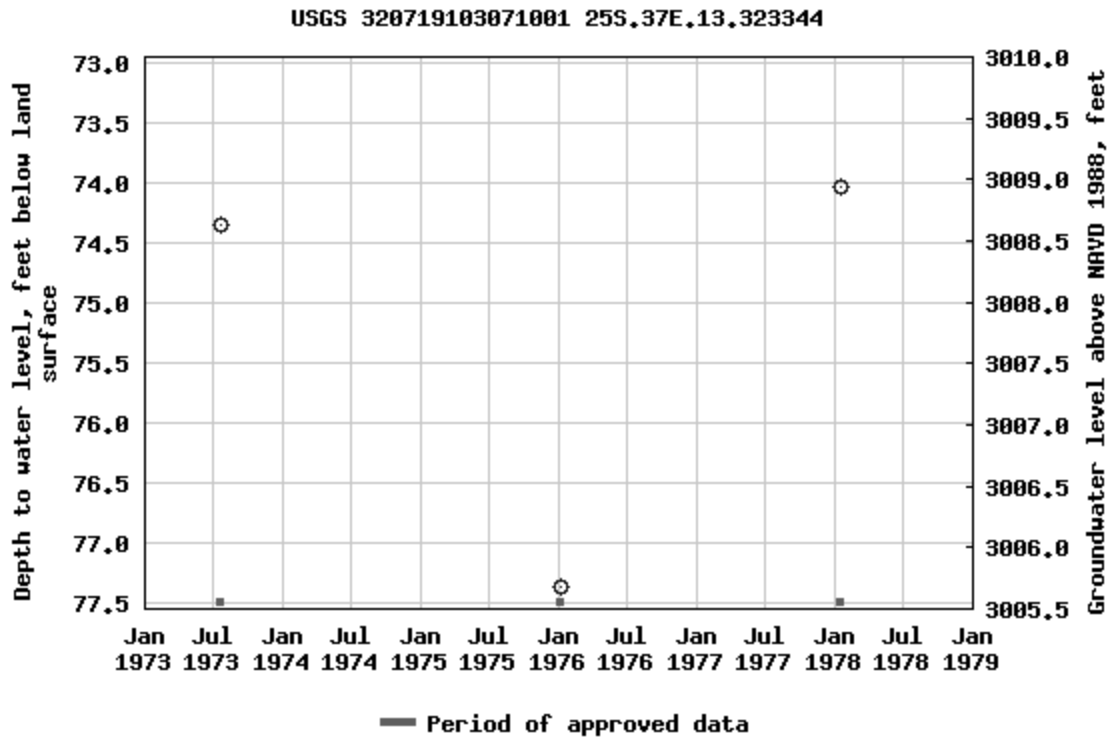
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site_no list =

- 320723103072101

Minimum number of levels = 1

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USGS 320723103072101 25S.37E.24.11233

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Lea County, New Mexico

Hydrologic Unit Code 13070007

Latitude 32°07'23", Longitude 103°07'21" NAD27

Land-surface elevation 3,085 feet above NGVD29

The depth of the well is 7,090 feet below land surface.

The depth of the hole is 7,090 feet below land surface.

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

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

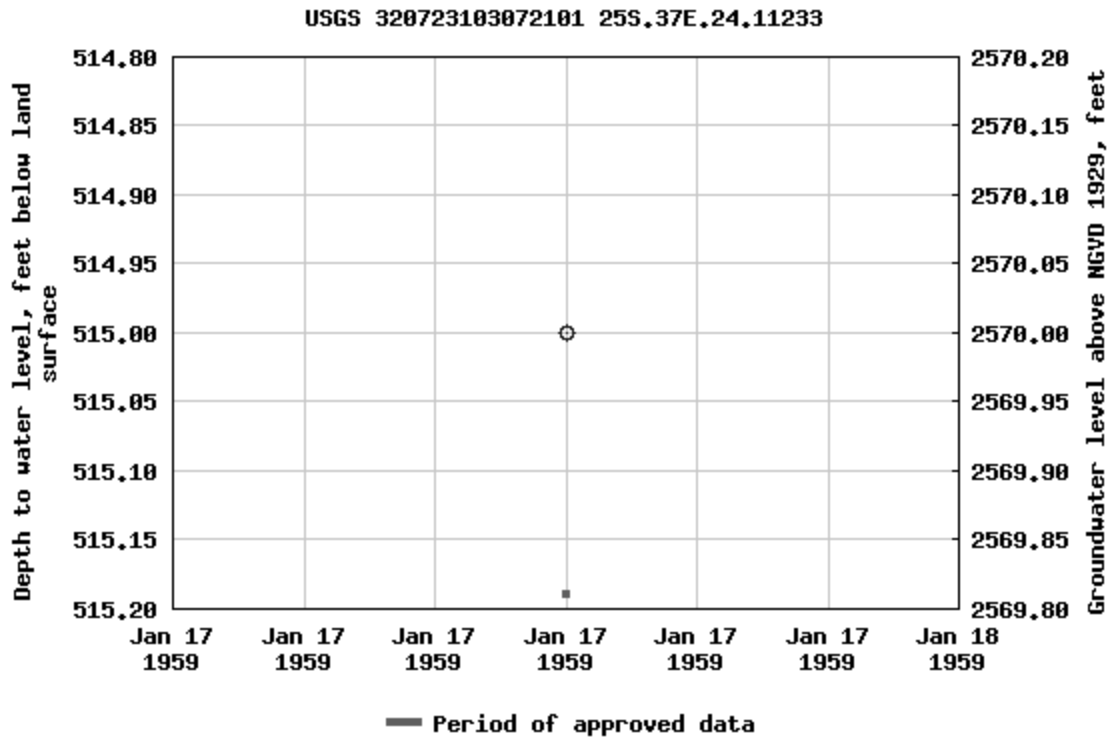
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Minimum number of levels = 1

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USGS 320724103065501 25S.37E.13.34442

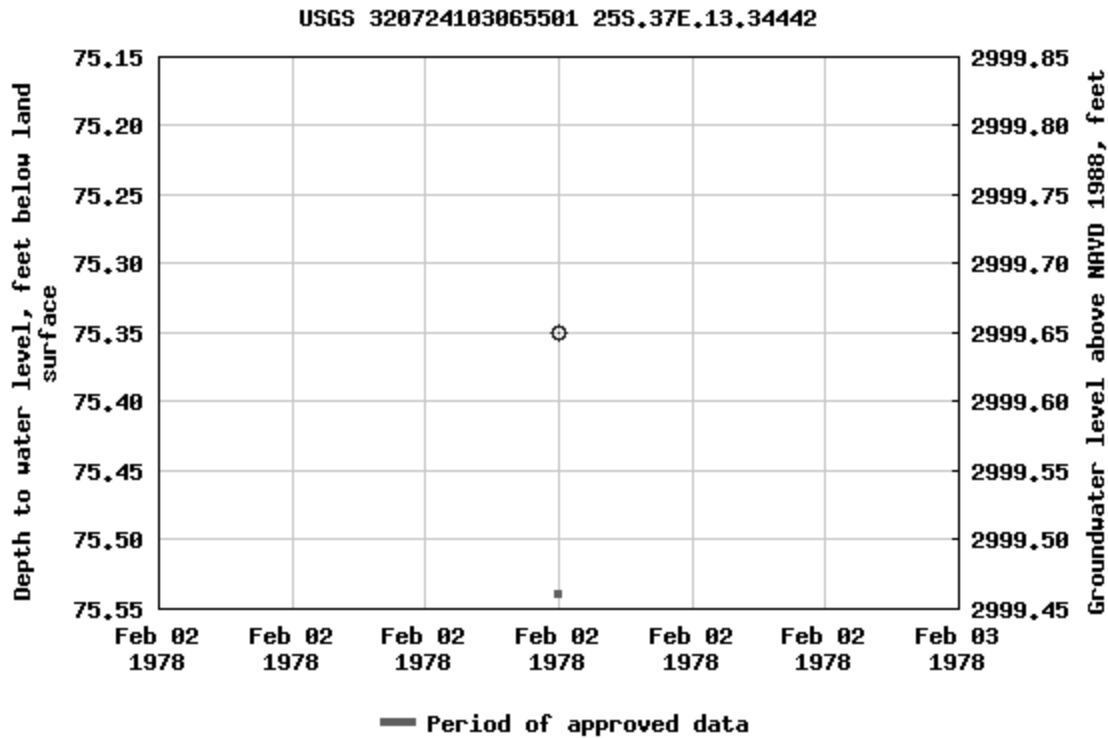
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Lea County, New Mexico
Hydrologic Unit Code 13070007
Latitude 32°07'24", Longitude 103°06'55" NAD27
Land-surface elevation 3,075 feet above NAVD88
The depth of the well is 140 feet below land surface.
This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national aquifer.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

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site_no list =

- 320724103071101

Minimum number of levels = 1

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USGS 320724103071101 25S.37E.13.321411

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Lea County, New Mexico

Hydrologic Unit Code 13070007

Latitude 32°07'24", Longitude 103°07'11" NAD27

Land-surface elevation 3,084 feet above NAVD88

The depth of the well is 143 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.

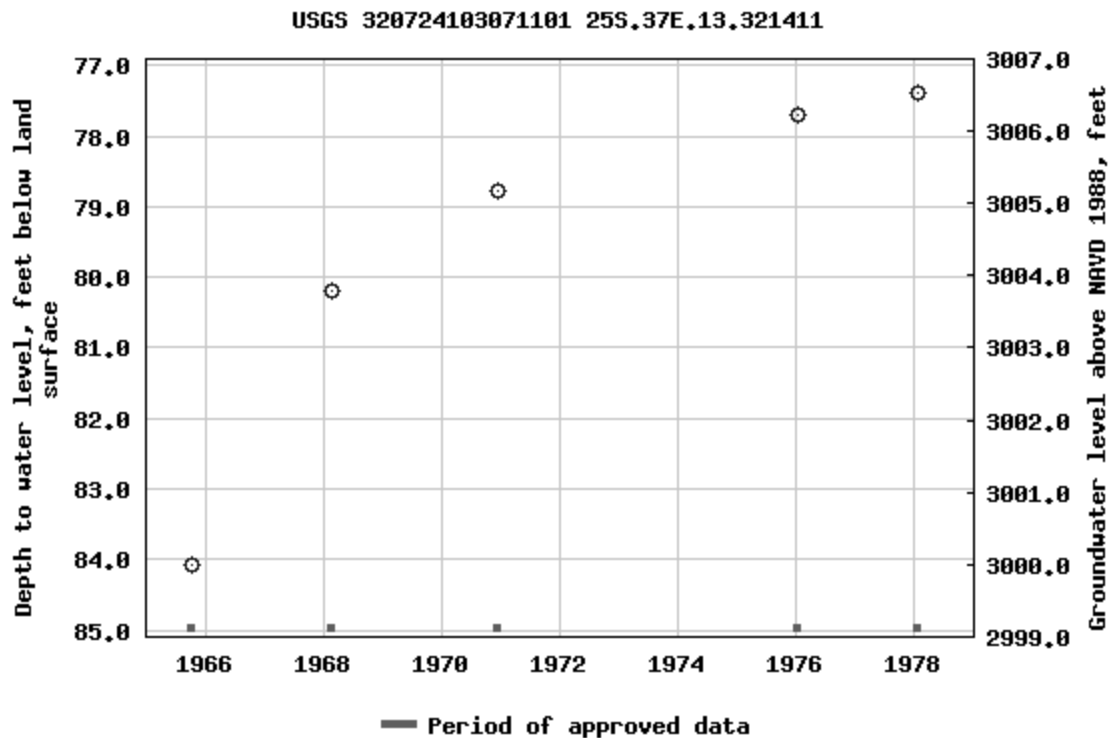
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site_no list =

- 320728103064801

Minimum number of levels = 1

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USGS 320728103064801 25S.37E.13.431443

Groundwater: Field measurements



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Lea County, New Mexico

Hydrologic Unit Code 13070007

Latitude 32°07'28", Longitude 103°06'48" NAD27

Land-surface elevation 3,076 feet above NAVD88

The depth of the well is 147 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.

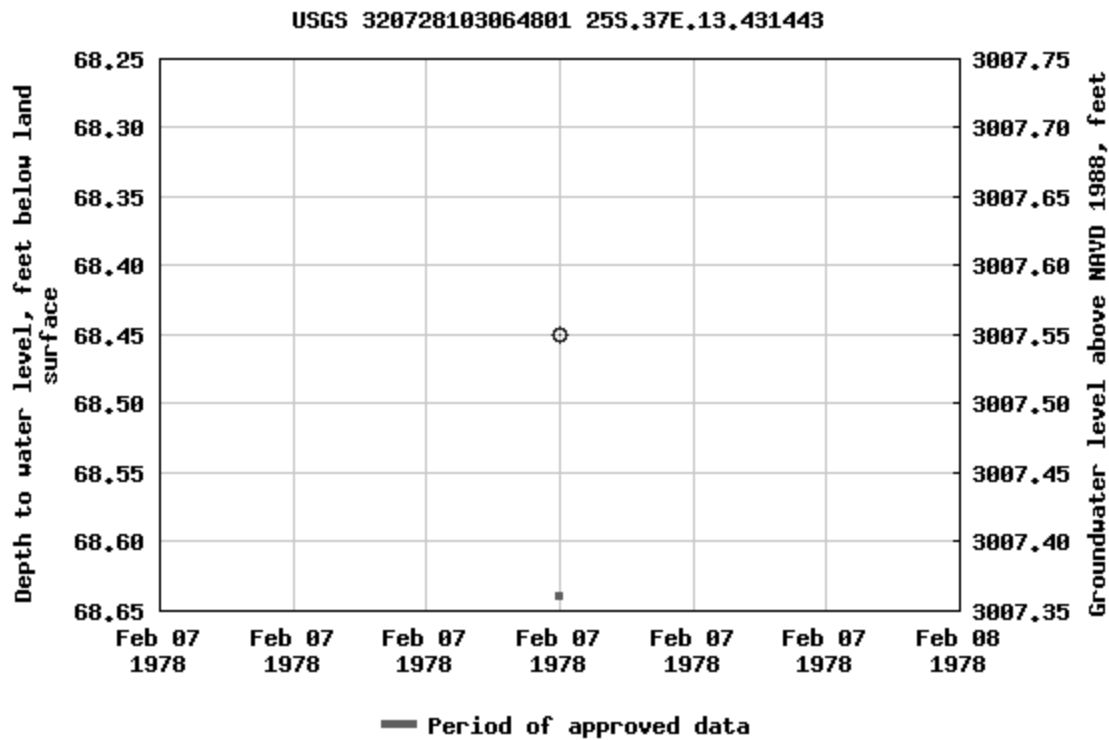
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site_no list =

- 320733103070001

Minimum number of levels = 1

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USGS 320733103070001 25S.37E.13.342121

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Lea County, New Mexico

Hydrologic Unit Code 13070007

Latitude 32°07'33", Longitude 103°07'00" NAD27

Land-surface elevation 3,076 feet above NAVD88

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.

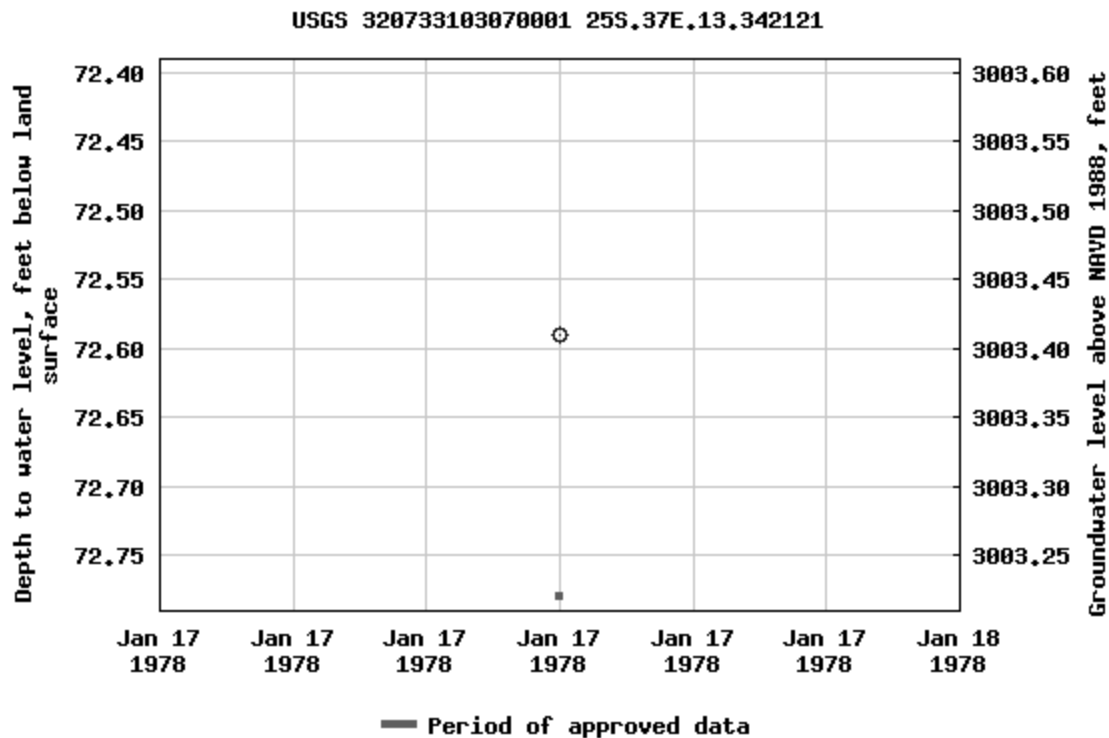
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ATTACHMENT 3 – LABORATORY ANALYTICAL REPORTS



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

May 12, 2025

TY THOMPSON

TEAM OPERATING

3624 S. EUNICE HWY

HOBBS, NM 88240

RE: SOUTH JUSTIS G 19

Enclosed are the results of analyses for samples received by the laboratory on 05/07/25 10:43.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. 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: 05/07/2025
 Reported: 05/12/2025
 Project Name: SOUTH JUSTIS G 19
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 05/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: A 1 (H252725-01)

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	05/08/2025	ND	2.10	105	2.00	0.582	
Toluene*	<0.050	0.050	05/08/2025	ND	2.06	103	2.00	0.826	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.04	102	2.00	0.00892	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.35	106	6.00	0.0723	
Total BTEX	<0.300	0.300	05/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/08/2025	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	05/08/2025	ND	182	90.9	200	0.207	
DRO >C10-C28*	<10.0	10.0	05/08/2025	ND	197	98.4	200	0.690	
EXT DRO >C28-C36	<10.0	10.0	05/08/2025	ND					

Surrogate: 1-Chlorooctane 93.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 90.7 % 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: 05/07/2025
 Reported: 05/12/2025
 Project Name: SOUTH JUSTIS G 19
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 05/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: A 2 (H252725-02)

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	05/08/2025	ND	2.10	105	2.00	0.582	
Toluene*	<0.050	0.050	05/08/2025	ND	2.06	103	2.00	0.826	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.04	102	2.00	0.00892	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.35	106	6.00	0.0723	
Total BTEX	<0.300	0.300	05/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/08/2025	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	05/08/2025	ND	182	90.9	200	0.207	
DRO >C10-C28*	<10.0	10.0	05/08/2025	ND	197	98.4	200	0.690	
EXT DRO >C28-C36	<10.0	10.0	05/08/2025	ND					

Surrogate: 1-Chlorooctane 98.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 89.6 % 40.6-153

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Analytical Results For:

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

Received: 05/07/2025
 Reported: 05/12/2025
 Project Name: SOUTH JUSTIS G 19
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 05/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: A 3 (H252725-03)

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	05/08/2025	ND	2.10	105	2.00	0.582		
Toluene*	<0.050	0.050	05/08/2025	ND	2.06	103	2.00	0.826		
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.04	102	2.00	0.00892		
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.35	106	6.00	0.0723		
Total BTEx	<0.300	0.300	05/08/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/08/2025	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	05/08/2025	ND	182	90.9	200	0.207	
DRO >C10-C28*	<10.0	10.0	05/08/2025	ND	197	98.4	200	0.690	
EXT DRO >C28-C36	<10.0	10.0	05/08/2025	ND					

Surrogate: 1-Chlorooctane 85.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 77.3 % 40.6-153

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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: 05/07/2025
 Reported: 05/12/2025
 Project Name: SOUTH JUSTIS G 19
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 05/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: A 4 (H252725-04)

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	05/08/2025	ND	2.10	105	2.00	0.582	
Toluene*	<0.050	0.050	05/08/2025	ND	2.06	103	2.00	0.826	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.04	102	2.00	0.00892	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.35	106	6.00	0.0723	
Total BTEX	<0.300	0.300	05/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/08/2025	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	05/08/2025	ND	182	90.9	200	0.207	
DRO >C10-C28*	<10.0	10.0	05/08/2025	ND	197	98.4	200	0.690	
EXT DRO >C28-C36	<10.0	10.0	05/08/2025	ND					

Surrogate: 1-Chlorooctane 98.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 89.8 % 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: 05/07/2025
 Reported: 05/12/2025
 Project Name: SOUTH JUSTIS G 19
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 05/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: A 5 (H252725-05)

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	05/08/2025	ND	2.10	105	2.00	0.582	
Toluene*	<0.050	0.050	05/08/2025	ND	2.06	103	2.00	0.826	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.04	102	2.00	0.00892	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.35	106	6.00	0.0723	
Total BTEX	<0.300	0.300	05/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/08/2025	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	05/08/2025	ND	182	90.9	200	0.207	
DRO >C10-C28*	<10.0	10.0	05/08/2025	ND	197	98.4	200	0.690	
EXT DRO >C28-C36	<10.0	10.0	05/08/2025	ND					

Surrogate: 1-Chlorooctane 99.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 91.0 % 40.6-153

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Analytical Results For:

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

Received: 05/07/2025
 Reported: 05/12/2025
 Project Name: SOUTH JUSTIS G 19
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 05/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: A 6 (H252725-06)

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	05/08/2025	ND	2.10	105	2.00	0.582	
Toluene*	<0.050	0.050	05/08/2025	ND	2.06	103	2.00	0.826	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.04	102	2.00	0.00892	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.35	106	6.00	0.0723	
Total BTEX	<0.300	0.300	05/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/08/2025	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	05/08/2025	ND	182	90.9	200	0.207		
DRO >C10-C28*	<10.0	10.0	05/08/2025	ND	197	98.4	200	0.690		
EXT DRO >C28-C36	<10.0	10.0	05/08/2025	ND						

Surrogate: 1-Chlorooctane 98.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 93.5 % 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: 05/07/2025
 Reported: 05/12/2025
 Project Name: SOUTH JUSTIS G 19
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 05/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: A 7 (H252725-07)

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	05/08/2025	ND	2.10	105	2.00	0.582	
Toluene*	<0.050	0.050	05/08/2025	ND	2.06	103	2.00	0.826	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.04	102	2.00	0.00892	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.35	106	6.00	0.0723	
Total BTEX	<0.300	0.300	05/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/08/2025	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	05/08/2025	ND	182	90.9	200	0.207	
DRO >C10-C28*	<10.0	10.0	05/08/2025	ND	197	98.4	200	0.690	
EXT DRO >C28-C36	<10.0	10.0	05/08/2025	ND					

Surrogate: 1-Chlorooctane 96.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 87.7 % 40.6-153

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Analytical Results For:

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

Received: 05/07/2025
 Reported: 05/12/2025
 Project Name: SOUTH JUSTIS G 19
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 05/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: A 8 (H252725-08)

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	05/08/2025	ND	2.10	105	2.00	0.582		
Toluene*	<0.050	0.050	05/08/2025	ND	2.06	103	2.00	0.826		
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.04	102	2.00	0.00892		
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.35	106	6.00	0.0723		
Total BTEX	<0.300	0.300	05/08/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/08/2025	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	05/08/2025	ND	182	90.9	200	0.207	
DRO >C10-C28*	<10.0	10.0	05/08/2025	ND	197	98.4	200	0.690	
EXT DRO >C28-C36	<10.0	10.0	05/08/2025	ND					

Surrogate: 1-Chlorooctane 86.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.0 % 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: 05/07/2025
 Reported: 05/12/2025
 Project Name: SOUTH JUSTIS G 19
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 05/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: A 9 (H252725-09)

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	05/08/2025	ND	2.10	105	2.00	0.582		
Toluene*	<0.050	0.050	05/08/2025	ND	2.06	103	2.00	0.826		
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.04	102	2.00	0.00892		
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.35	106	6.00	0.0723		
Total BTEX	<0.300	0.300	05/08/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/08/2025	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	05/08/2025	ND	182	90.9	200	0.207	
DRO >C10-C28*	<10.0	10.0	05/08/2025	ND	197	98.4	200	0.690	
EXT DRO >C28-C36	<10.0	10.0	05/08/2025	ND					

Surrogate: 1-Chlorooctane 111 % 44.4-145

Surrogate: 1-Chlorooctadecane 101 % 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: 05/07/2025
 Reported: 05/12/2025
 Project Name: SOUTH JUSTIS G 19
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 05/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: A 10 (H252725-10)

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	05/08/2025	ND	2.10	105	2.00	0.582	
Toluene*	<0.050	0.050	05/08/2025	ND	2.06	103	2.00	0.826	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.04	102	2.00	0.00892	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.35	106	6.00	0.0723	
Total BTEX	<0.300	0.300	05/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/08/2025	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	05/08/2025	ND	182	90.9	200	0.207	
DRO >C10-C28*	<10.0	10.0	05/08/2025	ND	197	98.4	200	0.690	
EXT DRO >C28-C36	<10.0	10.0	05/08/2025	ND					

Surrogate: 1-Chlorooctane 119 % 44.4-145

Surrogate: 1-Chlorooctadecane 109 % 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: 05/07/2025
 Reported: 05/12/2025
 Project Name: SOUTH JUSTIS G 19
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 05/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: A 11 (H252725-11)

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	05/08/2025	ND	2.10	105	2.00	0.582	
Toluene*	<0.050	0.050	05/08/2025	ND	2.06	103	2.00	0.826	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.04	102	2.00	0.00892	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.35	106	6.00	0.0723	
Total BTEX	<0.300	0.300	05/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/08/2025	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	05/07/2025	ND	174	86.8	200	5.36	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	171	85.5	200	2.07	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					

Surrogate: 1-Chlorooctane 106 % 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: 05/07/2025
 Reported: 05/12/2025
 Project Name: SOUTH JUSTIS G 19
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 05/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: A 12 (H252725-12)

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	05/08/2025	ND	2.10	105	2.00	0.582	
Toluene*	<0.050	0.050	05/08/2025	ND	2.06	103	2.00	0.826	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.04	102	2.00	0.00892	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.35	106	6.00	0.0723	
Total BTEX	<0.300	0.300	05/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/08/2025	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	05/07/2025	ND	174	86.8	200	5.36	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	171	85.5	200	2.07	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					

Surrogate: 1-Chlorooctane 106 % 44.4-145

Surrogate: 1-Chlorooctadecane 109 % 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: 05/07/2025
 Reported: 05/12/2025
 Project Name: SOUTH JUSTIS G 19
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 05/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: B 1 (H252725-13)

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	05/08/2025	ND	2.10	105	2.00	0.582	
Toluene*	<0.050	0.050	05/08/2025	ND	2.06	103	2.00	0.826	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.04	102	2.00	0.00892	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.35	106	6.00	0.0723	
Total BTEx	<0.300	0.300	05/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/08/2025	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	05/07/2025	ND	174	86.8	200	5.36	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	171	85.5	200	2.07	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					

Surrogate: 1-Chlorooctane 93.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 94.4 % 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: 05/07/2025
 Reported: 05/12/2025
 Project Name: SOUTH JUSTIS G 19
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 05/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: B 2 (H252725-14)

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	05/08/2025	ND	2.10	105	2.00	0.582	
Toluene*	<0.050	0.050	05/08/2025	ND	2.06	103	2.00	0.826	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.04	102	2.00	0.00892	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.35	106	6.00	0.0723	
Total BTEX	<0.300	0.300	05/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/08/2025	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	05/07/2025	ND	174	86.8	200	5.36	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	171	85.5	200	2.07	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					

Surrogate: 1-Chlorooctane 110 % 44.4-145

Surrogate: 1-Chlorooctadecane 110 % 40.6-153

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Analytical Results For:

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

Received: 05/07/2025
 Reported: 05/12/2025
 Project Name: SOUTH JUSTIS G 19
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 05/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: B 3 (H252725-15)

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	05/08/2025	ND	2.10	105	2.00	0.582	
Toluene*	<0.050	0.050	05/08/2025	ND	2.06	103	2.00	0.826	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.04	102	2.00	0.00892	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.35	106	6.00	0.0723	
Total BTEX	<0.300	0.300	05/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/08/2025	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	05/07/2025	ND	174	86.8	200	5.36	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	171	85.5	200	2.07	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					

Surrogate: 1-Chlorooctane 97.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 97.6 % 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: 05/07/2025
 Reported: 05/12/2025
 Project Name: SOUTH JUSTIS G 19
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 05/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: B 4 (H252725-16)

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	05/08/2025	ND	2.10	105	2.00	0.582	
Toluene*	<0.050	0.050	05/08/2025	ND	2.06	103	2.00	0.826	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.04	102	2.00	0.00892	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.35	106	6.00	0.0723	
Total BTEx	<0.300	0.300	05/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/08/2025	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	05/07/2025	ND	174	86.8	200	5.36	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	171	85.5	200	2.07	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					

Surrogate: 1-Chlorooctane 104 % 44.4-145

Surrogate: 1-Chlorooctadecane 104 % 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: 05/07/2025
 Reported: 05/12/2025
 Project Name: SOUTH JUSTIS G 19
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 05/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: B 5 (H252725-17)

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	05/08/2025	ND	2.10	105	2.00	0.582	
Toluene*	<0.050	0.050	05/08/2025	ND	2.06	103	2.00	0.826	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.04	102	2.00	0.00892	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.35	106	6.00	0.0723	
Total BTEX	<0.300	0.300	05/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/08/2025	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	05/07/2025	ND	174	86.8	200	5.36	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	171	85.5	200	2.07	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					

Surrogate: 1-Chlorooctane 103 % 44.4-145

Surrogate: 1-Chlorooctadecane 103 % 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: 05/07/2025
 Reported: 05/12/2025
 Project Name: SOUTH JUSTIS G 19
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 05/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: B 6 (H252725-18)

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	05/08/2025	ND	2.10	105	2.00	0.582	
Toluene*	<0.050	0.050	05/08/2025	ND	2.06	103	2.00	0.826	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.04	102	2.00	0.00892	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.35	106	6.00	0.0723	
Total BTEx	<0.300	0.300	05/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/08/2025	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	05/07/2025	ND	174	86.8	200	5.36	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	171	85.5	200	2.07	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					

Surrogate: 1-Chlorooctane 118 % 44.4-145

Surrogate: 1-Chlorooctadecane 118 % 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: 05/07/2025
 Reported: 05/12/2025
 Project Name: SOUTH JUSTIS G 19
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 05/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: B 7 (H252725-19)

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	05/08/2025	ND	2.10	105	2.00	0.582		
Toluene*	<0.050	0.050	05/08/2025	ND	2.06	103	2.00	0.826		
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.04	102	2.00	0.00892		
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.35	106	6.00	0.0723		
Total BTEX	<0.300	0.300	05/08/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/08/2025	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	05/07/2025	ND	174	86.8	200	5.36	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	171	85.5	200	2.07	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					

Surrogate: 1-Chlorooctane 116 % 44.4-145

Surrogate: 1-Chlorooctadecane 117 % 40.6-153

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Analytical Results For:

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

Received: 05/07/2025
 Reported: 05/12/2025
 Project Name: SOUTH JUSTIS G 19
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 05/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: B 8 (H252725-20)

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	05/08/2025	ND	2.10	105	2.00	1.05	
Toluene*	<0.050	0.050	05/08/2025	ND	2.50	125	2.00	1.83	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.68	134	2.00	1.58	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	8.06	134	6.00	1.05	
Total BTEX	<0.300	0.300	05/08/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/08/2025	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	05/07/2025	ND	174	86.8	200	5.36	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	171	85.5	200	2.07	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					

Surrogate: 1-Chlorooctane 115 % 44.4-145

Surrogate: 1-Chlorooctadecane 117 % 40.6-153

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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.
BS1	Blank spike recovery above laboratory acceptance criteria. Results for analyte potentially biased high.
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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:		P.O. #:		BILL TO									
Project Manager:		Company:		ANALYSIS REQUEST									
Address:		Attn:											
City:		Address:											
State:		City:											
Zip:		State:											
Phone #:		Fax #:											
Project #:		Project Owner:											
Project Name:		State:											
Project Location:		Phone #:											
Sample Name:		Fax #:											
FOR LAB USE ONLY													
Lab I.D.		Sample I.D.											
HSCAS		(G)RAB OR (C)OMP.											
		# CONTAINERS											
		GROUNDWATER											
		WASTEWATER											
		SOIL											
		OIL											
		SLUDGE											
		OTHER:											
		ACID/BASE:											
		ICE / COOL											
		OTHER:											
11		A 11											
12		A 12											
13		B 1											
14		B 2											
15		B 3											
16		B 4											
17		B 5											
18		B 6											
19		B 7											
20		B 8											
DATE		TIME											
5/7/25		7:19 AM											
5/7/25		7:20 AM											
5/7/25		7:22 AM											
5/7/25		7:25 AM											
5/7/25		7:27 AM											
5/7/25		7:30 AM											
5/7/25		7:32 AM											
5/7/25		7:35 AM											
5/7/25		7:38 AM											
5/7/25		7:40 AM											
REMARKS:													
Turnaround Time:													
Thermometer ID #140													
Correction Factor +0.3°C													
Standard													
Bacteria (only)													
Cool Intact													
Observed Temp. °C													
Corrected Temp. °C													

ATTACHMENT 4 – NMOCD CORRESPONDENCE



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:	458189	Districts:	Hobbs
Operator:	[332148] TEAM OPERATING, L.L.C.	Counties:	Lea
Description:	TEAM OPERATING, L.L.C. [332148] , SOUTH JUSTIS #G19 , nAPP2504260553		
Status:	APPROVED		
Status Date:	05/03/2025		
References (2):	30-025-11729, nAPP2504260553		

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2504260553
Incident Name	NAPP2504260553 SOUTH JUSTIS #G19 @ 30-025-11729
Incident Type	Oil Release
Incident Status	Notification Accepted
Incident Well	[30-025-11729] SOUTH JUSTIS UNIT #019

Location of Release Source

Site Name	SOUTH JUSTIS #G19
Date Release Discovered	02/10/2025
Surface Owner	Private

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	2,900
What is the estimated number of samples that will be gathered	20
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/07/2025
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	Reported location/coordinates are accurate.



does not have acknowledgments, at this time.

Comments

No comments found for this submission.

Conditions

Summary: *tthompson (5/3/2025)*, 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.

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 466969

QUESTIONS

Operator: TEAM OPERATING, L.L.C. PO Box 835 Pinehurst, TX 77362	OGRID: 332148
	Action Number: 466969
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2504260553
Incident Name	NAPP2504260553 SOUTH JUSTIS #G19 @ 30-025-11729
Incident Type	Oil Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-11729] SOUTH JUSTIS UNIT #019

Location of Release Source*Please answer all the questions in this group.*

Site Name	SOUTH JUSTIS #G19
Date Release Discovered	02/10/2025
Surface Owner	Private

Incident Details*Please answer all the questions in this group.*

Incident Type	Oil 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: Freeze Flow Line - Production Crude Oil Released: 1 BBL Recovered: 0 BBL Lost: 1 BBL.
Produced Water Released (bbls) Details	Cause: Freeze Flow Line - Production Produced Water Released: 3 BBL Recovered: 0 BBL Lost: 3 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 466969

QUESTIONS (continued)

Operator: TEAM OPERATING, L.L.C. PO Box 835 Pinehurst, TX 77362	OGRID: 332148
	Action Number: 466969
	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)	More info needed to determine if this will be treated as a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Unavailable.
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

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

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

I hereby agree and sign off to the above statement	Name: Ty Thompson Email: ty.thompson@teamoperating.com Date: 05/21/2025
--	--

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QUESTIONS, Page 3

Action 466969

QUESTIONS (continued)

Operator: TEAM OPERATING, L.L.C. PO Box 835 Pinehurst, TX 77362	OGRID: 332148
	Action Number: 466969
	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 1 and 5 (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 300 and 500 (ft.)
Any other fresh water well or spring	Between 300 and 500 (ft.)
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	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

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	05/01/2025
On what date will (or did) the final sampling or liner inspection occur	05/07/2025
On what date will (or was) the remediation complete(d)	05/14/2025
What is the estimated surface area (in square feet) that will be reclaimed	2283
What is the estimated volume (in cubic yards) that will be reclaimed	104
What is the estimated surface area (in square feet) that will be remediated	2283
What is the estimated volume (in cubic yards) that will be remediated	104
<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 466969

QUESTIONS (continued)

Operator: TEAM OPERATING, L.L.C. PO Box 835 Pinehurst, TX 77362	OGRID: 332148
	Action Number: 466969
	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: 05/23/2025
<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 466969

QUESTIONS (continued)

Operator: TEAM OPERATING, L.L.C. PO Box 835 Pinehurst, TX 77362	OGRID: 332148
	Action Number: 466969
	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 466969

QUESTIONS (continued)

Operator: TEAM OPERATING, L.L.C. PO Box 835 Pinehurst, TX 77362	OGRID:
	332148
	Action Number:
	466969
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	458189
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/07/2025
What was the (estimated) number of samples that were to be gathered	20
What was the sampling surface area in square feet	2900

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	2283
What was the total volume (cubic yards) remediated	110
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	2283
What was the total volume (in cubic yards) reclaimed	110
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: 05/23/2025

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 7

Action 466969

QUESTIONS (continued)

Operator: TEAM OPERATING, L.L.C. PO Box 835 Pinehurst, TX 77362	OGRID: 332148
	Action Number: 466969
	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 466969

CONDITIONS

Operator: TEAM OPERATING, L.L.C. PO Box 835 Pinehurst, TX 77362	OGRID: 332148
	Action Number: 466969
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	This Remediation Closure Report is approved. Areas reasonably needed for production or subsequent drilling operations will need to be reclaimed and revegetated as soon as they are no longer reasonably needed. A report for reclamation and revegetation will need to be submitted and approved prior to this incident receiving the final status of "Restoration Complete".	6/11/2025
scott.rodgers	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. The OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	6/11/2025