



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

December 4, 2024

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

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

**Re: Site Assessment, Remediation, and Closure Report**  
**Big N Tasty State Com #051H**  
**API No. 30-015-47696**  
**GPS: Latitude 32.86266 Longitude -103.84873**  
**UL "L", Sec. 2, T17S, R31E**  
**Eddy County, NM**  
**NMOCD Ref. No. NAPP2419132456**

Pima Environmental Services, LLC (Pima) has been contracted by Spur Energy to perform a spill assessment, remediation activities, and submit this closure report for a produced water and crude oil release that occurred at the Big N Tasty #51H (BNT). The initial C-141 was submitted on July 9<sup>th</sup>, 2024. This incident was assigned Incident ID NAPP2419132456, by the New Mexico Oil Conservation Division (NMOCD).

### **Site Characterization**

The BNT is located approximately 5 miles northwest of Maljamar, NM. This spill site is in Unit L, Section 2, Township 17S, Range 31E, Latitude 32.86266, Longitude -103.84873, Eddy County, NM. Figure 1 references a location map.

According to the New Mexico Bureau of Geology and Mineral Resources, the geological classification of the area includes Eolian and Piedmont Deposits from the Holocene and middle Pleistocene eras, as detailed in Appendix B. The predominant soil type in this region is the Berino complex, characterized by 0 to 3 percent slopes, as identified in the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage courses in this area are classified as well-drained. Additionally, the geological assessment indicates a low potential for karst geology near BNT (see Figure 3). The nearest significant watercourse is Brantley Lake, located approximately 37 miles to the southwest (Appendix A).

Based on information from the New Mexico Office of the State Engineer, the nearest groundwater in this area is located at a depth greater than 101 feet below ground surface (BGS), approximately 0.37 miles from the site, as indicated by water well RA 13509 POD1, drilled on October 10, 2024. Additionally, data from the United States Geological Survey (USGS) shows that the closest groundwater well, USGS 325638104072801, is approximately 17 miles away and has a water depth of 49 feet BGS. For precise locations, please refer to Appendix A, which includes a detailed water well map displaying both OSE and USGS well positions. Furthermore, Brantley Lake, the closest waterway, is located approximately 37.02 miles southwest of the site. Additional details regarding these water surveys can be found in Appendix A for reference.

Table 1 NMAC and Closure Criteria 19.15.29

Depth to Groundwater (Appendix A)	Constituent & Limits				
	Chlorides	Total TPH	GRO+DRO	BTEX	Benzene
<50'	600 mg/kg	100 mg/kg		50 mg/kg	10 mg/kg
51-100'	10,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg
>100' (RA 13509 POD1)	20,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg

Reference Figure 2 for a Topographic map.

### Release Information

**NAPP2419132456:** On July 8, 2024, a packing failure caused the release of oil and produced water onto the well pad. Approximately 17 barrels of produced water and 5 barrels of crude oil were released, with 16 barrels of produced water and 4 barrels of crude oil successfully recovered. Spur promptly secured the affected area and ensured the removal and proper disposal of all standing liquids at an NMOCD-approved landfill. The impacted area, shown in Figure 5, spans approximately 9,800 square feet.

### Site Assessment and Soil Sampling Results

On July 17, 2024, Pima Environmental Services mobilized personnel to the site to conduct delineation activities. Sampling procedures were performed from the point of release to the westernmost edge of the engineered pad and into the pasture. Nine bottom samples (V1-V9) were collected for vertical delineation, along with thirteen sidewall samples (HD1-HD13) for horizontal delineation. Vertical samples (V1-V9) were taken at depth intervals up to 4 feet below ground surface (bgs), while horizontal samples (HD1-HD13) were collected from the outermost extent of the release to assess horizontal impact. The results from this sampling event are presented in the accompanying data table, with the complete laboratory report included in Appendix E.

#### 7-17-24 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is >100')								
Spur Energy/Big N Tasty #51H								
Sample Date: 7/17/24		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	CI mg/kg
V1	6"	ND	ND	ND	117	58.1	175.1	92
	2'	ND	ND	ND	878	415	1293	66.1
	4'	ND	ND	ND	30.8	ND	30.8	ND
V2	6"	ND	ND	ND	57.3	ND	57.3	65.4
	2'	ND	ND	ND	377	175	552	54.3
	4'	ND	ND	ND	28.8	ND	28.8	ND
V3	6"	ND	ND	ND	64.7	ND	64.7	88.4
	2'	ND	ND	ND	388	196	584	54.6
	4'	ND	ND	ND	28.7	ND	28.7	ND
V4	6"	ND	ND	ND	59.6	ND	59.6	76.3
	2'	ND	ND	ND	365	199	564	36.7
	4'	ND	ND	ND	28.6	ND	28.6	ND
V5	6"	ND	ND	ND	ND	ND	0	67.9
	2'	ND	ND	ND	187	91.2	278.2	45.8
	4'	ND	ND	ND	30	ND	30	ND
V6	6"	ND	ND	ND	191	98	289	68.6
	2'	ND	ND	ND	30.2	ND	30.2	39.1
	4'	ND	ND	ND	29	ND	29	ND
V7	6"	0.359	ND	ND	2640	1080	3720.359	101
	2'	0.0841	ND	ND	30.8	ND	30.8841	ND
	4'	ND	ND	ND	27.9	ND	27.9	ND
V8	6"	0.171	ND	ND	3590	ND	3590.171	91.3
	2'	ND	ND	ND	25.7	ND	25.7	ND
	4'	0.0271	ND	ND	26.2	ND	26.2271	ND
V9	6"	ND	ND	ND	1760	735	2495	81.4
	2'	ND	ND	ND	31	ND	31	ND

	4'	ND	ND	ND	25.6	ND	25.6	ND
HD1	4'	ND	ND	ND	ND	ND	0	ND
	6"	ND	ND	ND	ND	ND	0	ND
HD2	4'	ND	ND	ND	ND	ND	0	ND
	6"	ND	ND	ND	ND	ND	0	ND
HD3	4'	ND	ND	ND	ND	ND	0	ND
	6"	ND	ND	ND	ND	ND	0	ND
HD4	4'	ND	ND	ND	ND	ND	0	ND
	6"	ND	ND	ND	ND	ND	0	ND
HD5	4'	ND	ND	ND	ND	ND	0	ND
	6"	ND	ND	ND	ND	ND	0	ND
HD6	4'	ND	ND	ND	ND	ND	0	ND
	6"	ND	ND	ND	ND	ND	0	ND
HD7	4'	ND	ND	ND	ND	ND	0	ND
	6"	ND	ND	ND	ND	ND	0	ND
HD8	4'	ND	ND	ND	ND	ND	0	ND
	6"	ND	ND	ND	ND	ND	0	ND
HD9	4'	ND	ND	ND	ND	ND	0	ND
	6"	ND	ND	ND	ND	ND	0	ND
HD10	4'	ND	ND	ND	ND	ND	0	ND
	6"	ND	ND	ND	ND	ND	0	ND
HD11	4'	ND	ND	ND	26.5	ND	26.5	ND
	6"	ND	ND	ND	ND	ND	0	ND
HD12	4'	ND	ND	ND	ND	ND	0	ND
	6"	ND	ND	ND	ND	ND	0	ND
HD13	4'	ND	ND	ND	ND	ND	0	ND
	6"	ND	ND	ND	ND	ND	0	ND

ND- Analyte Not Detected

### Remediation Activities

From November 11 to November 13, Pima Environmental, in collaboration with SDR Excavating, deployed a heavy equipment operator and a field technician to excavate the affected area. The section overlapping soil sample V7 was excavated to a depth of 1 foot below ground surface (bgs), while the area containing soil samples V8 and V9 was excavated to a depth of 2 feet bgs. The section overlapping soil samples V1-V6 underwent a superficial scrape, requiring no further remediation due to the proximity of groundwater, located within half a mile and no older than 25 years. The total excavation covered approximately 1,800 square feet, resulting in the removal of about 80 cubic yards of contaminated soil. All contaminated materials were securely transported to Lea Land, a disposal facility approved by the NMOCD.

On November 10, 2024, Spur Energy proactively submitted a 48-hour sampling notification as part of the preliminary preparations leading up to the final confirmation sampling event. This precautionary step was taken with the expectation that all sampling results would fall below the closure criteria established by the New Mexico Oil Conservation Division (NMOCD). Should the results confirm compliance, the plan is to move forward with the closure process. For additional details, the 48-hour notification can be referenced in Appendix C.

On November 13, 2024, a Pima field technician performed a confirmation sampling event at the BNT site. The technician collected a total of nine bottom samples (CS1–CS9) from the base of the excavation at depths of 1 to 2 feet below ground surface (bgs). Additionally, nine sidewall samples (CSW1–CSW9) were taken, covering the entire height of the excavation sidewalls, from the bottom to the top. Each soil sample consisted of a five-point composite.

The 2-foot excavation area to the west located in the pasture measured approximately 380 square feet, from which 2 bottom samples (CS1 and CS2) were collected, and the sidewall perimeter of 200 square feet provided 3 sidewall samples (CSW1-CSW3). The 1-foot excavation area to the east located on the engineered pad measured 1,400 square feet, with 7 bottom samples (CS3-CS9) and a sidewall perimeter of 235 square feet, where 6 sidewall samples (CSW4-CSW9) were collected. The results of this sampling event are summarized in the accompanying data table.

## 11-13-24 Confirmation Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is >100')								
Spur Energy/Big N Tasty #51H								
Sample Date:11/13/24		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
CS1	2'	ND	ND	ND	ND	ND	0	160
CS2	2'	ND	ND	ND	ND	ND	0	384
CS3	1'	ND	ND	ND	222.4	ND	222.4	3240
CS4	1'	ND	ND	ND	347.4	ND	347.4	784
CS5	1'	ND	ND	ND	ND	ND	0	208
CS6	1'	ND	ND	ND	ND	ND	0	32
CS7	1'	ND	ND	ND	ND	ND	0	16
CS8	1'	ND	ND	ND	101.1	ND	101.1	16
CS9	1'	ND	ND	ND	ND	ND	0	16
CSW1	0-2'	ND	ND	ND	ND	ND	0	16
CSW2	0-2'	ND	ND	ND	ND	ND	0	32
CSW3	0-2'	ND	ND	ND	ND	ND	0	32
CSW4	0-1'	ND	ND	ND	ND	ND	0	32
CSW5	0-1'	ND	ND	ND	ND	ND	0	16
CSW6	0-1'	ND	ND	ND	ND	ND	0	32
CSW7	0-1'	ND	ND	ND	ND	ND	0	16
CSW8	0-1'	ND	ND	ND	ND	ND	0	32
CSW9	0-1'	ND	ND	ND	ND	ND	0	32

ND- Analyte Not Detected

Each soil sample was a 5-point composite derived from the excavated area, specifically representing an area not exceeding 200 square feet of the open excavation. A total of eighteen (18) samples were collected for laboratory analysis for total chloride using EPA Method 300.0; benzene, toluene, ethylbenzene and total xylenes (BTEX) using EPA Method 8021B; and motor, diesel, and gasoline range organics (MRO, DRO, & GRO) by EPA Method 8015D. All samples were placed into laboratory supplied glassware, labeled, and maintained on ice until delivery to Cardinal Laboratories in Hobbs, New Mexico (Appendix C).

Upon confirmation that all soil samples met the closure standards set by the New Mexico Oil Conservation Division (NMOCD), clean backfill material was brought in and utilized to restore the excavated area, returning it to its original state.

**Closure Request**

After careful review, Pima requests that this incident, NAPP2419132456, be closed. Spur Energy has complied with the applicable closure requirements set forth in rule 19.15.29.12 NMAC.

For questions or additional information, please feel free to contact:

Spur Energy – Katherine Purvis at 575-441-8619 or [katherine.purvis@spurenergy.com](mailto:katherine.purvis@spurenergy.com)

Pima Environmental Services – Sebastian Orozco at 619-721-4813 or [Sebastian@pimaoil.com](mailto:Sebastian@pimaoil.com).

**Attachments**

Figures:

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

Appendices:

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



## Figures:

Figure 1- Location Map

Figure 2- Topographic Map

Figure 3- Karst Map

Figure 4- Site Map



Figure 5- Confirmation Sample Map

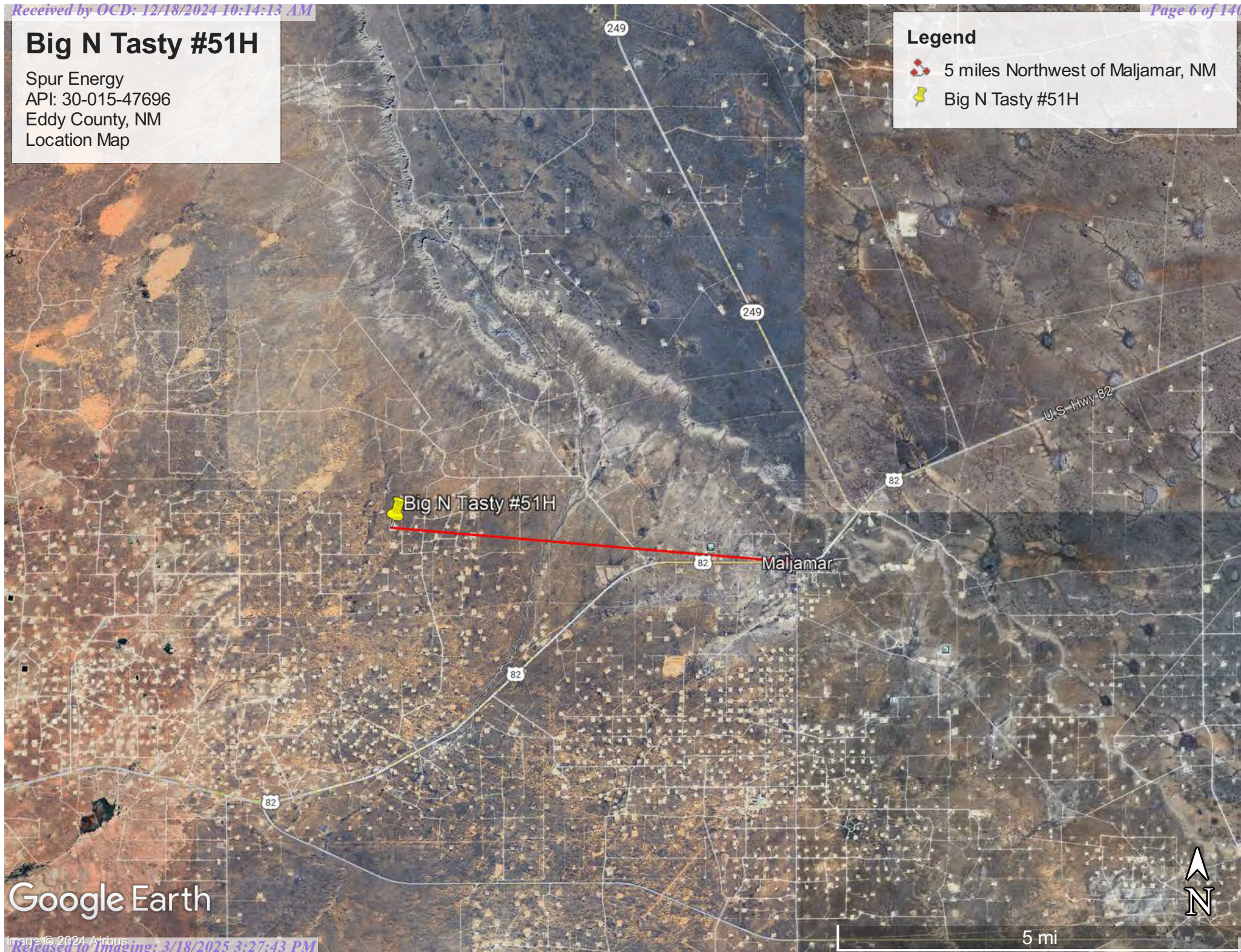


# Big N Tasty #51H

Spur Energy  
API: 30-015-47696  
Eddy County, NM  
Location Map

## Legend

-  5 miles Northwest of Maljamar, NM
-  Big N Tasty #51H




Google Earth

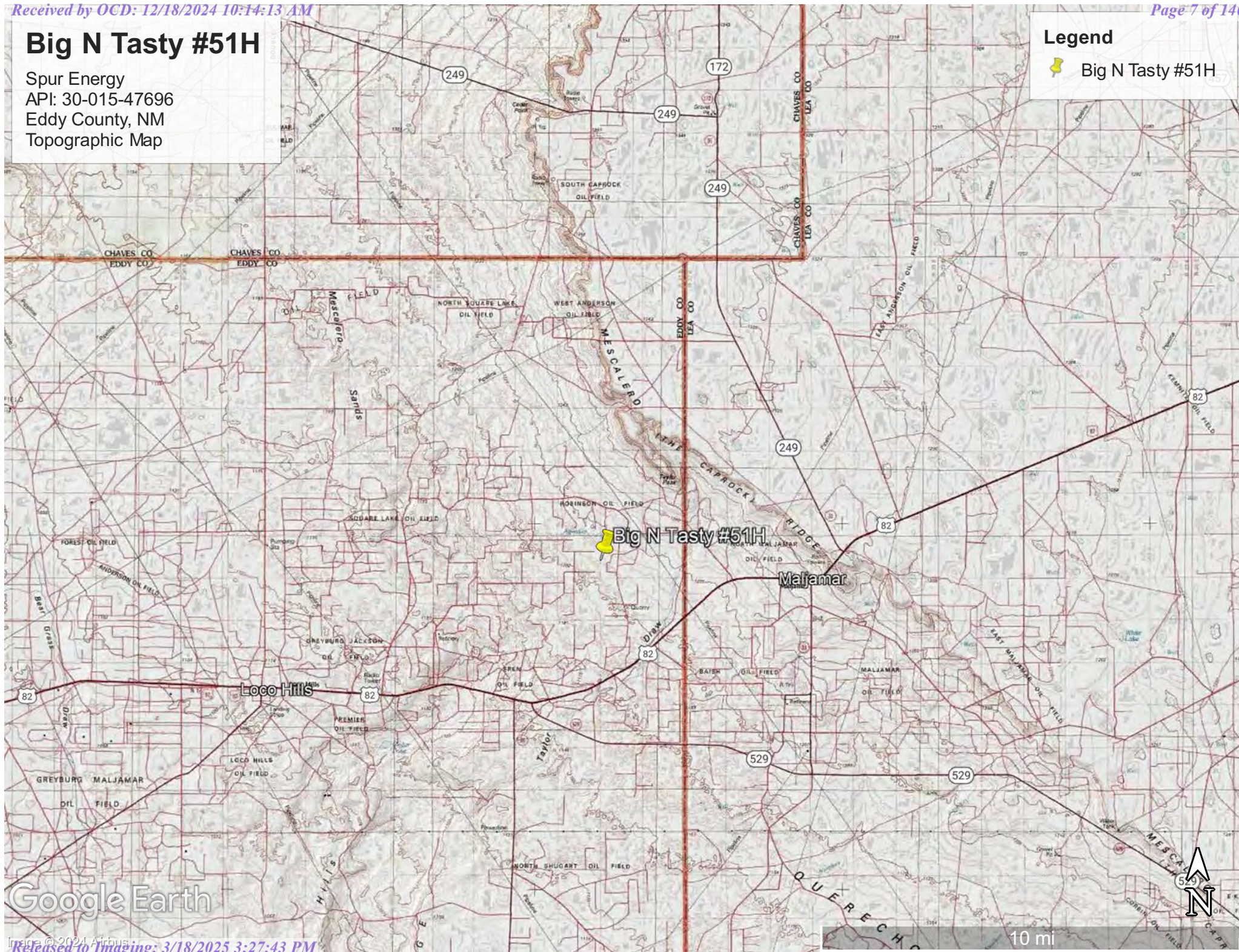


# Big N Tasty #51H

Spur Energy  
API: 30-015-47696  
Eddy County, NM  
Topographic Map

## Legend

 Big N Tasty #51H




Google Earth





# Big N Tasty #51H


Spur Energy  
API: 30-015-47696  
Eddy County, NM  
Karst Map

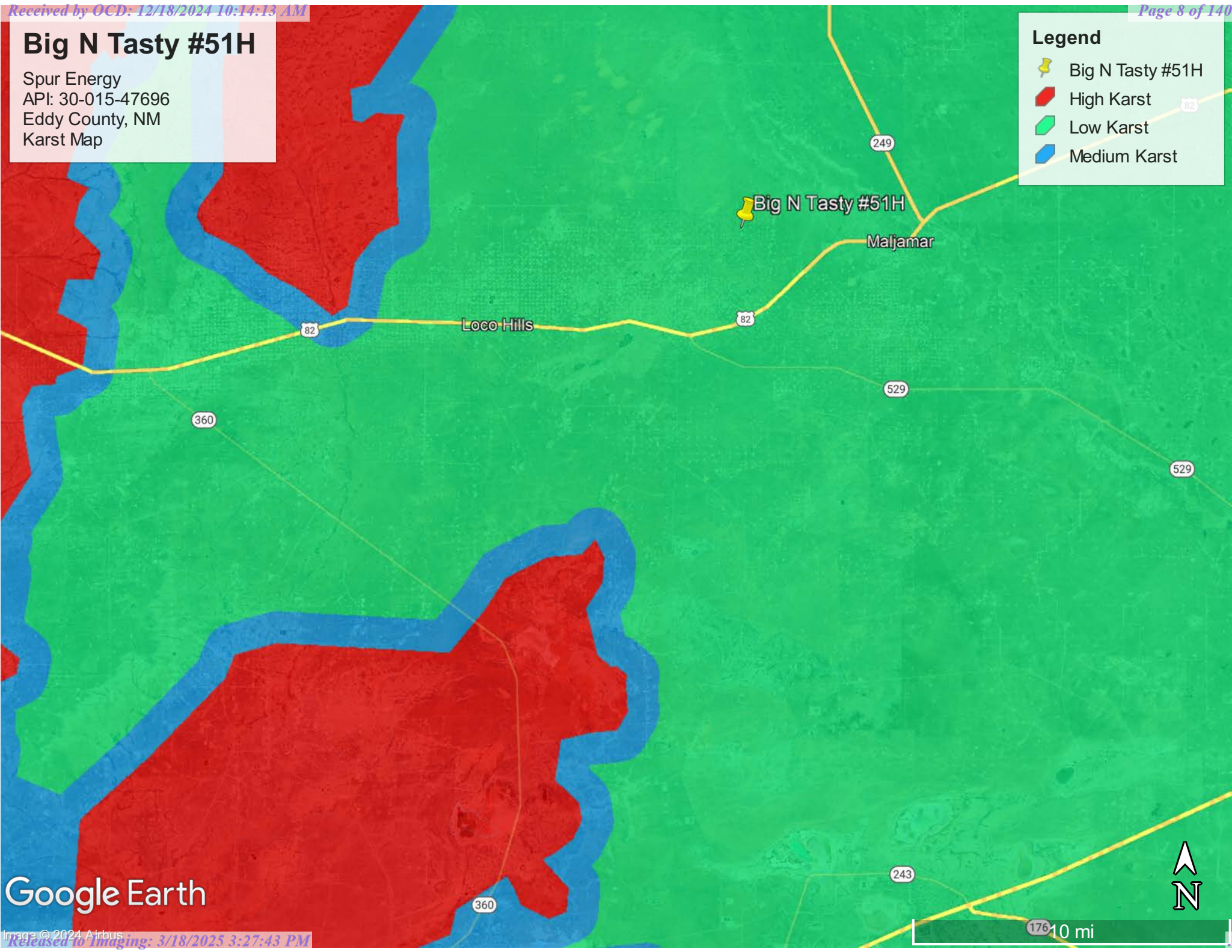
Legend

 Big N Tasty #51H

 High Karst

 Low Karst

 Medium Karst



Google Earth

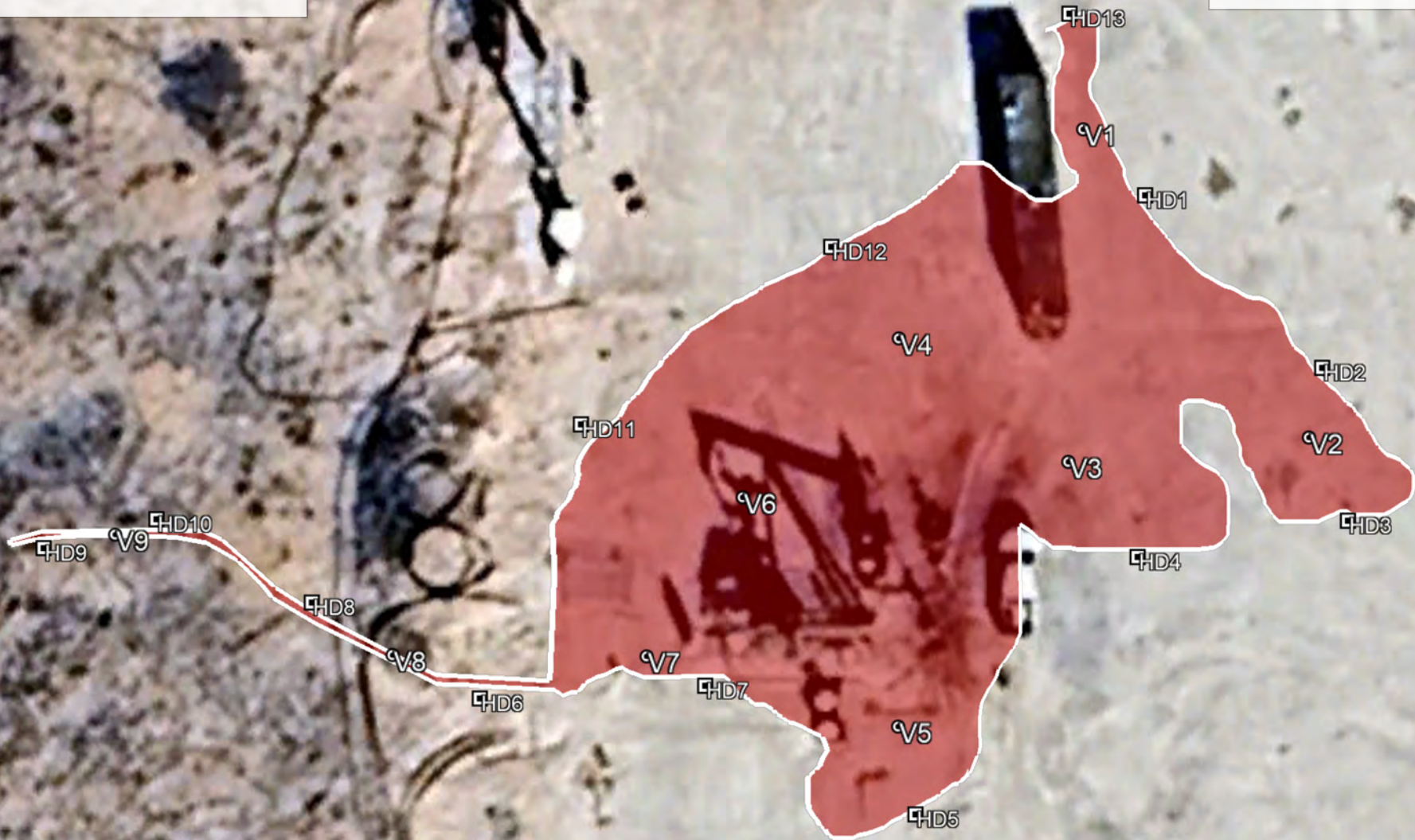


# Big N Tasty #51H

Spur Energy  
API: 30-015-47696  
Eddy County, NM  
Initial Site Map

## Legend

- Horizontal Delineation Sample
- Release Area
- Vertical Delineation Sample



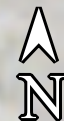
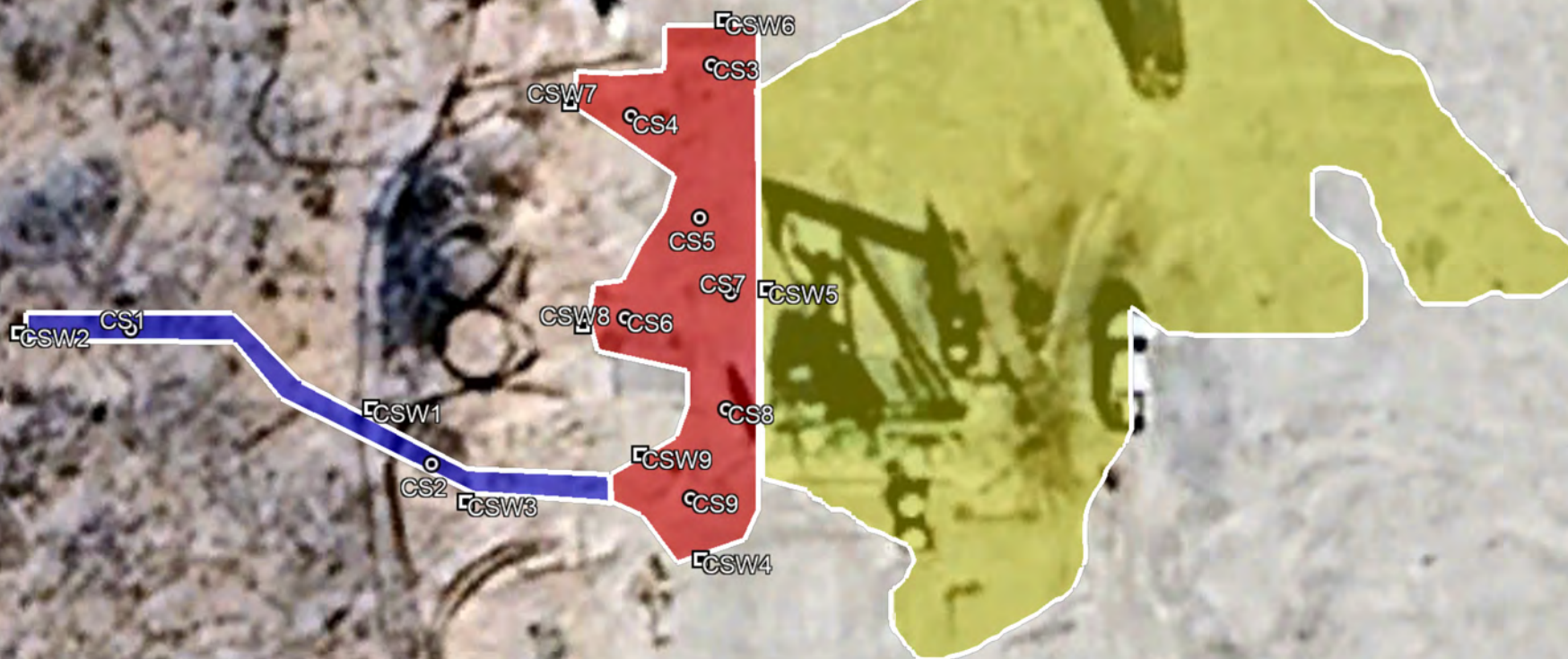


# Big N Tasty #51H

Spur Energy  
API: 30-015-47696  
Eddy County, NM  
Confirmation Sample Map

## Legend

- 1' Excavation Area
- 2' Excavation Area
- Confirmation Bottom Sample
- Confirmation Side Wall Sample
- Superficial Scrape Area





## Appendix A

### Water Surveys:

- OSE
- USGS
- Surface Water Map





# WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

[www.ose.state.nm.us](http://www.ose.state.nm.us)

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD 1 (TW-1)		WELL TAG ID NO. N/A		OSE FILE NO(S). RA-13509		
	WELL OWNER NAME(S) Spur Energy Partners				PHONE (OPTIONAL)		
	WELL OWNER MAILING ADDRESS 919 Milam St Ste 2475				CITY Houston	STATE TX	ZIP 77002
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 51	SECONDS 33.13 N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
		LONGITUDE 103	50	37.89 W	* DATUM REQUIRED: WGS 84		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE NW SE SE Sec. 02 T17S R31E. NMPM							
2. DRILLING & CASING INFORMATION	LICENSE NO. 1249		NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.	
	DRILLING STARTED 10/10/2024		DRILLING ENDED 10/14/2024		DEPTH OF COMPLETED WELL (FT) Temporary Well Material	BORE HOLE DEPTH (FT) ±101	DEPTH WATER FIRST ENCOUNTERED (FT) N/A
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A	DATE STATIC MEASURED 11/06/2024
	DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:						
	DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY: Hollow Stem Auger					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>	
	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)
	0 101		±6.25	Soil Boring	--	--	--
3. ANNULAR MATERIAL	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT	
				N/A			

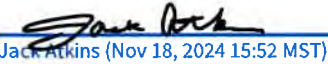
OSE DII ROSWELL NM  
19 NOV '24 AM 9:30

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.
LOCATION	WELL TAG ID NO.	PAGE 1 OF 2



4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO				
	0	19	19	Sand, fine-grained , poorly graded, unconsolidated Reddish Brown	Y ✓ N	
	19	49	30	Sand, fine-grained , poorly graded, cemented layers unconsolidated Tan	Y ✓ N	
	49	49	10	Sand, fine-grained , poorly graded, cemented layers semiconsolidated Tan	Y ✓ N	
	59	101	42	Clay. consolidated, very fine silt, Reddish Brown,	Y ✓ N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
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					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:					TOTAL ESTIMATED WELL YIELD (gpm):	
<input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER – SPECIFY:						
5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.				
	MISCELLANEOUS INFORMATION: Temporary well material removed and soil boring backfilled using drill cuttings from total depth to ten feet below ground surface(bgs), then hydrated bentonite chips ten feet bgs to surface. <div style="text-align: right; color: blue; font-weight: bold;">             OSE DII ROSWELL NM              19 NOV '24 AM 9:30           </div>					
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Cameron Pruitt					
6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:  <div style="display: flex; justify-content: space-between;"> <div>               Jackie D. Atkins              Jack Atkins (Nov 18, 2024 15:52 MST)           </div> <div>11/18/2024</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div>SIGNATURE OF DRILLER / PRINT SIGNEE NAME</div> <div>DATE</div> </div>					

FOR OSE INTERNAL USE

WR-20 WELL RECORD &amp; LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.
LOCATION	WELL TAG ID NO.	PAGE 2 OF 2



# PLUGGING RECORD



**NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC**

## I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: RA-13509 POD-1

Well owner: Spur Energy Partners

Phone No.: \_\_\_\_\_

Mailing address: 919 Milam St Ste 2475

City: Houston State: \_\_\_\_\_ TX Zip code: 77002

## II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: Jackie D. Atkins (Atkins Engineering Associates Inc.)
- 2) New Mexico Well Driller License No.: WD-1249 Expiration Date: 04/30/2021
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s):  
Cameron Pruitt
- 4) Date well plugging began: 11/06/2024 Date well plugging concluded: 11/06/2024
- 5) GPS Well Location: Latitude: 32 deg, 51 min, 33.13 sec  
Longitude: 103 deg, 50 min, 37.89 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 101 ft below ground level (bgl),  
by the following manner: Water depth probe
- 7) Static water level measured at initiation of plugging: N/A ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 10/08/2024
- 9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

OSE DII ROSWELL NM  
19 NOV '24 AM 9:30

- 10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

<u>Depth</u> (ft bgl)	<u>Plugging Material Used</u> (include any additives used)	<u>Volume of Material Placed</u> (gallons)	<u>Theoretical Volume of Borehole/ Casing</u> (gallons)	<u>Placement Method</u> (tremie pipe, other)	<u>Comments</u> ("casing perforated first", "open annular space also plugged", etc.)
0-10'	Hydrated Bentonite	Approx. 15 gallons	15 gallons	tremie	
10-101	Soil cuttings	Approx. 145gallons	145 gallons	tremie	

OSE DII ROSWELL NM  
19 NOV '24 AM9:30

MULTIPLY	BY	AND OBTAIN
cubic feet x 7.4805	=	gallons
cubic yards x 201.97	=	gallons

### III. SIGNATURE:

I, Jackie D. Atkins, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

  
Jack Atkins (Nov 18, 2024 15:52 MST)

Signature of Well Driller

11/18/2024

Date





# WR-20 Well Record and Log-packet-forsign

Final Audit Report

2024-11-18

Created:	2024-11-18
By:	Lucas Middleton (lucas@atkinseng.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAAAnUNGa1YrQ9vSKL22MV4xJgH4GZC17MHy

## "WR-20 Well Record and Log-packet-forsign" History




-  Document created by Lucas Middleton (lucas@atkinseng.com)  
2024-11-18 - 10:27:56 PM GMT
-  Document emailed to Jack Atkins (jack@atkinseng.com) for signature  
2024-11-18 - 10:28:26 PM GMT
-  Email viewed by Jack Atkins (jack@atkinseng.com)  
2024-11-18 - 10:48:10 PM GMT
-  Document e-signed by Jack Atkins (jack@atkinseng.com)  
Signature Date: 2024-11-18 - 10:52:29 PM GMT - Time Source: server
-  Agreement completed.  
2024-11-18 - 10:52:29 PM GMT

OSE DII ROSWELL NM  
19 NOV '24 AM9:30



# Big N Tasty #51H

Spur Energy  
API: 30-015-47696  
Eddy County, NM  
OSE POD Map

-  0.37 of a mile
-  Big N Tasty #51H
-  RA 13509 POD1

Big N Tasty #51H

RA 13509 POD1

Google Earth



900 ft





[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 =

- 325638104072801

Minimum number of levels = 1

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

### USGS 325638104072801 16S.28E.12.22132

Available data for this site

Groundwater: Field measurements

GO

Eddy County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°56'38", Longitude 104°07'28" NAD27

Land-surface elevation 3,580 feet above NGVD29

The depth of the well is 54 feet below land surface.

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

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

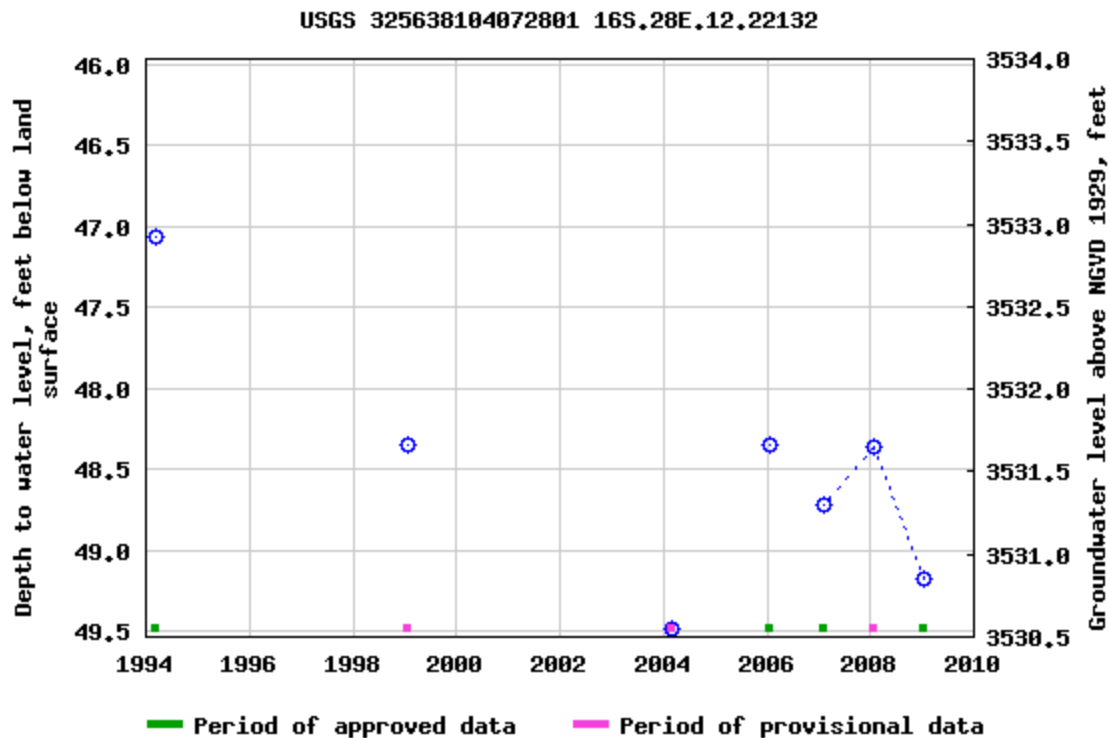
#### Output formats

[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](#)

[Questions or Comments](#)

[Help](#)

[Data Tips](#)

[Explanation of terms](#)

[Subscribe for system changes](#)

[Accessibility](#)    [FOIA](#)    [Privacy](#)    [Policies and Notices](#)

[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

**Title: Groundwater for USA: Water Levels**

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

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

Page Last Modified: 2024-07-16 11:49:41 EDT

0.55 0.47 nadww01




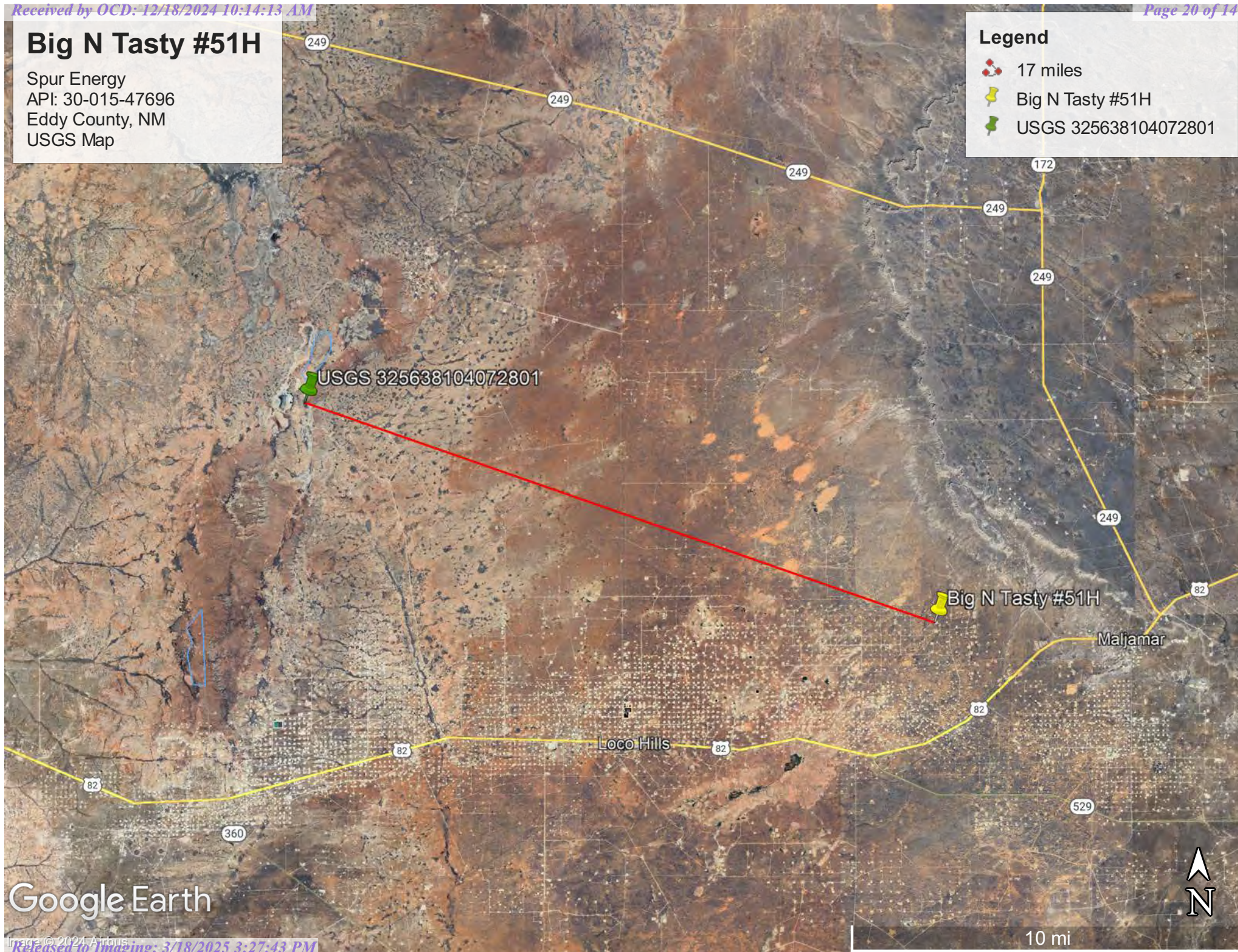


# Big N Tasty #51H

Spur Energy  
API: 30-015-47696  
Eddy County, NM  
USGS Map

## Legend

-  17 miles
-  Big N Tasty #51H
-  USGS 325638104072801






Google Earth

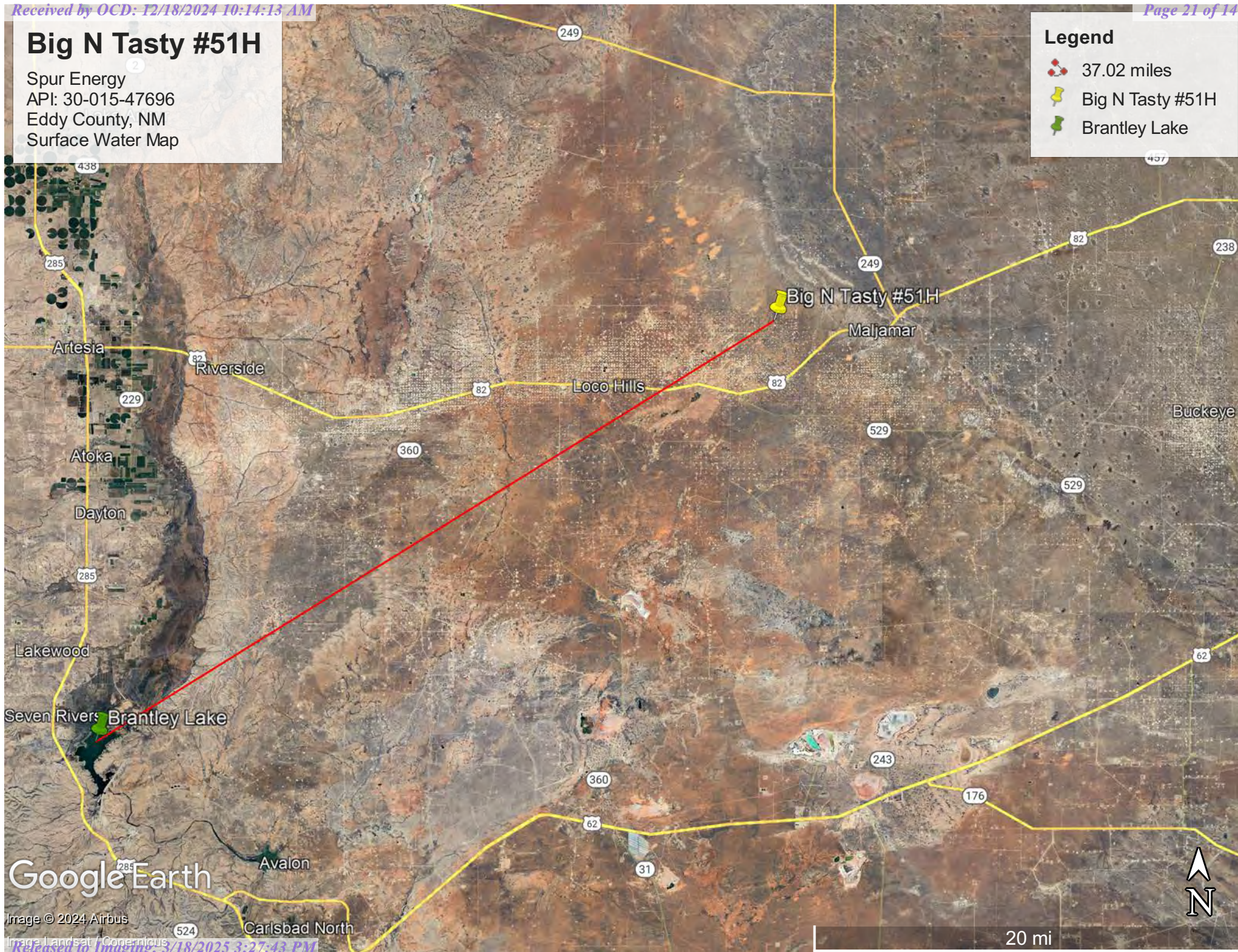


# Big N Tasty #51H

Spur Energy  
API: 30-015-47696  
Eddy County, NM  
Surface Water Map

## Legend

-  37.02 miles
-  Big N Tasty #51H
-  Brantley Lake



Google Earth

Image © 2024 Airbus

Image Landsat / Copernicus

Released to Imaging: 3/18/2025 3:27:43 PM





## Appendix B

- Soil Survey & Soil Maps
- Geological Data
- FEMA Flood Map
- Wetlands Map

Map Unit Description: Berino complex, 0 to 3 percent slopes, eroded---Eddy Area, New Mexico

---

## Eddy Area, New Mexico

### BB—Berino complex, 0 to 3 percent slopes, eroded

#### Map Unit Setting

*National map unit symbol:* 1w43

*Elevation:* 2,000 to 5,700 feet

*Mean annual precipitation:* 5 to 15 inches

*Mean annual air temperature:* 57 to 70 degrees F

*Frost-free period:* 180 to 260 days

*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Berino and similar soils:* 60 percent

*Pajarito and similar soils:* 25 percent

*Minor components:* 15 percent

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

#### Description of Berino

##### Setting

*Landform:* Plains, fan piedmonts

*Landform position (three-dimensional):* Riser

*Down-slope shape:* Convex

*Across-slope shape:* Linear

*Parent material:* Mixed alluvium and/or eolian sands

##### Typical profile

*H1 - 0 to 17 inches:* fine sand

*H2 - 17 to 58 inches:* sandy clay loam

*H3 - 58 to 60 inches:* loamy sand

##### Properties and qualities

*Slope:* 0 to 3 percent

*Depth to restrictive feature:* More than 80 inches

*Drainage class:* Well drained

*Runoff class:* Low

*Capacity of the most limiting layer to transmit water*

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

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Calcium carbonate, maximum content:* 40 percent

*Maximum salinity:* Very slightly saline to slightly saline (2.0 to 4.0 mmhos/cm)

*Sodium adsorption ratio, maximum:* 1.0

*Available water supply, 0 to 60 inches:* Moderate (about 8.0 inches)

##### Interpretive groups

*Land capability classification (irrigated):* None specified

Map Unit Description: Berino complex, 0 to 3 percent slopes, eroded---Eddy Area, New Mexico

---

*Land capability classification (nonirrigated): 7e*  
*Hydrologic Soil Group: B*  
*Ecological site: R070BD003NM - Loamy Sand*  
*Hydric soil rating: No*

### Description of Pajarito

#### Setting

*Landform: Dunes, plains, interdunes*  
*Landform position (three-dimensional): Side slope*  
*Down-slope shape: Convex, linear*  
*Across-slope shape: Convex, linear*  
*Parent material: Mixed alluvium and/or eolian sands*

#### Typical profile

*H1 - 0 to 9 inches: loamy fine sand*  
*H2 - 9 to 72 inches: fine sandy loam*

#### Properties and qualities

*Slope: 0 to 3 percent*  
*Depth to restrictive feature: More than 80 inches*  
*Drainage class: Well drained*  
*Runoff class: Very low*  
*Capacity of the most limiting layer to transmit water (Ksat): High*  
*(2.00 to 6.00 in/hr)*  
*Depth to water table: More than 80 inches*  
*Frequency of flooding: None*  
*Frequency of ponding: None*  
*Calcium carbonate, maximum content: 40 percent*  
*Maximum salinity: Nonsaline (0.0 to 1.0 mmhos/cm)*  
*Sodium adsorption ratio, maximum: 1.0*  
*Available water supply, 0 to 60 inches: Moderate (about 8.0 inches)*

#### Interpretive groups

*Land capability classification (irrigated): 2e*  
*Land capability classification (nonirrigated): 7e*  
*Hydrologic Soil Group: A*  
*Ecological site: R070BD003NM - Loamy Sand*  
*Hydric soil rating: No*

### Minor Components

#### Wink

*Percent of map unit: 4 percent*  
*Ecological site: R070BD003NM - Loamy Sand*  
*Hydric soil rating: No*

#### Cacique

*Percent of map unit: 4 percent*  
*Ecological site: R070BD004NM - Sandy*  
*Hydric soil rating: No*

#### Pajarito

*Percent of map unit: 4 percent*

Map Unit Description: Berino complex, 0 to 3 percent slopes, eroded---Eddy Area, New Mexico

---

*Ecological site:* R070BD003NM - Loamy Sand  
*Hydric soil rating:* No

**Kermi**

*Percent of map unit:* 3 percent  
*Ecological site:* R070BD005NM - Deep Sand  
*Hydric soil rating:* No

## Data Source Information

Soil Survey Area: Eddy Area, New Mexico  
Survey Area Data: Version 19, Sep 7, 2023



Soil Map—Eddy Area, New Mexico



Natural Resources  
Conservation Service


Web Soil Survey  
National Cooperative Soil Survey

7/16/2024  
Page 1 of 3


## Soil Map—Eddy Area, New Mexico

## MAP LEGEND

## Area of Interest (AOI)

 Area of Interest (AOI)

## Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

## Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

## Water Features



Streams and Canals

## Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

## Background



Aerial Photography

## MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 19, Sep 7, 2023

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

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BB	Berino complex, 0 to 3 percent slopes, eroded	1.5	86.8%
KM	Kermi-Berino fine sands, 0 to 3 percent slopes	0.2	13.2%
Totals for Area of Interest		1.7	100.0%



(<https://www.usgs.gov/>)

Mineral Resources (<https://www.usgs.gov/energy-and-minerals/mineral-resources-program>)  
/ Online Spatial Data (/) / Geology (/geology/) / by state (/geology/state/)  
/ New Mexico (/geology/state/state.php?state=NM)

## Eolian and piedmont deposits

XML (/geology/state/xml/NMQep;0)

JSON (/geology/state/json/NMQep;0)

Shapefile (/geology/state/unit-shape.php?unit=NMQep;0)

*Interlayered eolian sands and piedmont-slope deposits along the eastern flank of the Pecos River valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits.*

State	New Mexico (/geology/state/state.php?state=NM)
Name	Eolian and piedmont deposits
Geologic age	Holocene to middle Pleistocene
Lithologic constituents	Major Unconsolidated (Eolian) Interlayered eolian sands and piedmont-slope deposits
References	New Mexico Bureau of Geology and Mineral Resources, 2003, Geologic Map of New Mexico, scale 1:500,000 (includes some new polygons, faults, and attributes not in NM001 - heads up digitizing by JHorton).
NGMDB product	NGMDB product page for 22974 ( <a href="https://ngmdb.usgs.gov/Prodesc/proddesc_22974.htm">https://ngmdb.usgs.gov/Prodesc/proddesc_22974.htm</a> )
Counties	Chaves (/geology/state/fips-unit.php?code=f35005) - DeBaca (/geology/state/fips-unit.php?code=f35011) - Eddy (/geology/state/fips-unit.php?code=f35015) - Lea (/geology/state/fips-unit.php?code=f35025) - Roosevelt (/geology/state/fips-unit.php?code=f35041)

DOI Privacy Policy (<https://www.doi.gov/privacy>) | Legal ([https://www.usgs.gov/laws/policies\\_notices.html](https://www.usgs.gov/laws/policies_notices.html)) |  
Accessibility (<https://www2.usgs.gov/laws/accessibility.html>) | Site Map (<https://www.usgs.gov/sitemap.html>) |  
Contact USGS (<https://answers.usgs.gov/>)

U.S. Department of the Interior (<https://www.doi.gov/>) | DOI Inspector General (<https://www.doiig.gov/>) |

White House (<https://www.whitehouse.gov/>) | E-gov (<https://www.whitehouse.gov/omb/management/egov/>) |

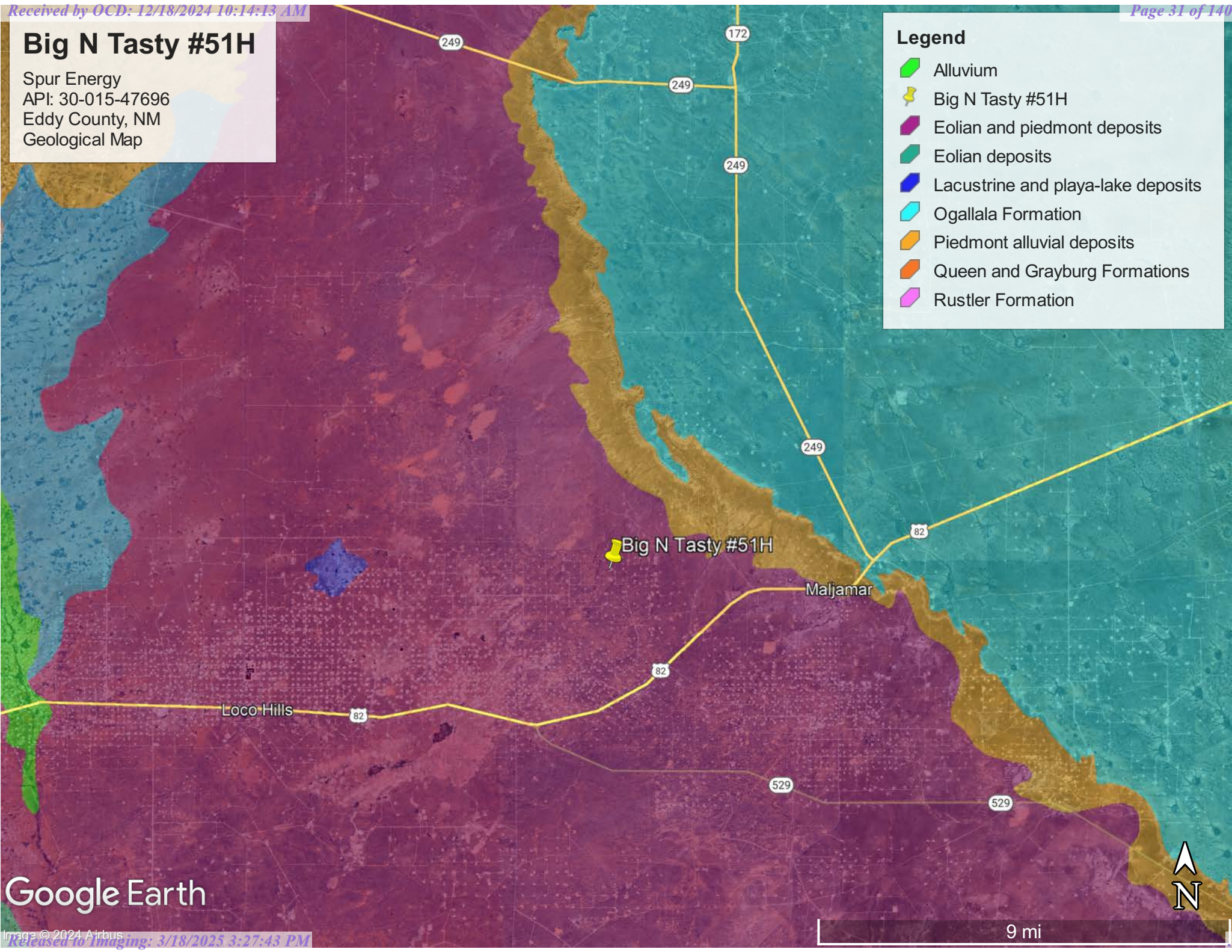
No Fear Act (<https://www.doi.gov/pmb/eeo/no-fear-act>) | FOIA (<https://www2.usgs.gov/foia>)

# Big N Tasty #51H

Spur Energy  
API: 30-015-47696  
Eddy County, NM  
Geological Map

Legend

- Alluvium
- Big N Tasty #51H
- Eolian and piedmont deposits
- Eolian deposits
- Lacustrine and playa-lake deposits
- Ogallala Formation
- Piedmont alluvial deposits
- Queen and Grayburg Formations
- Rustler Formation



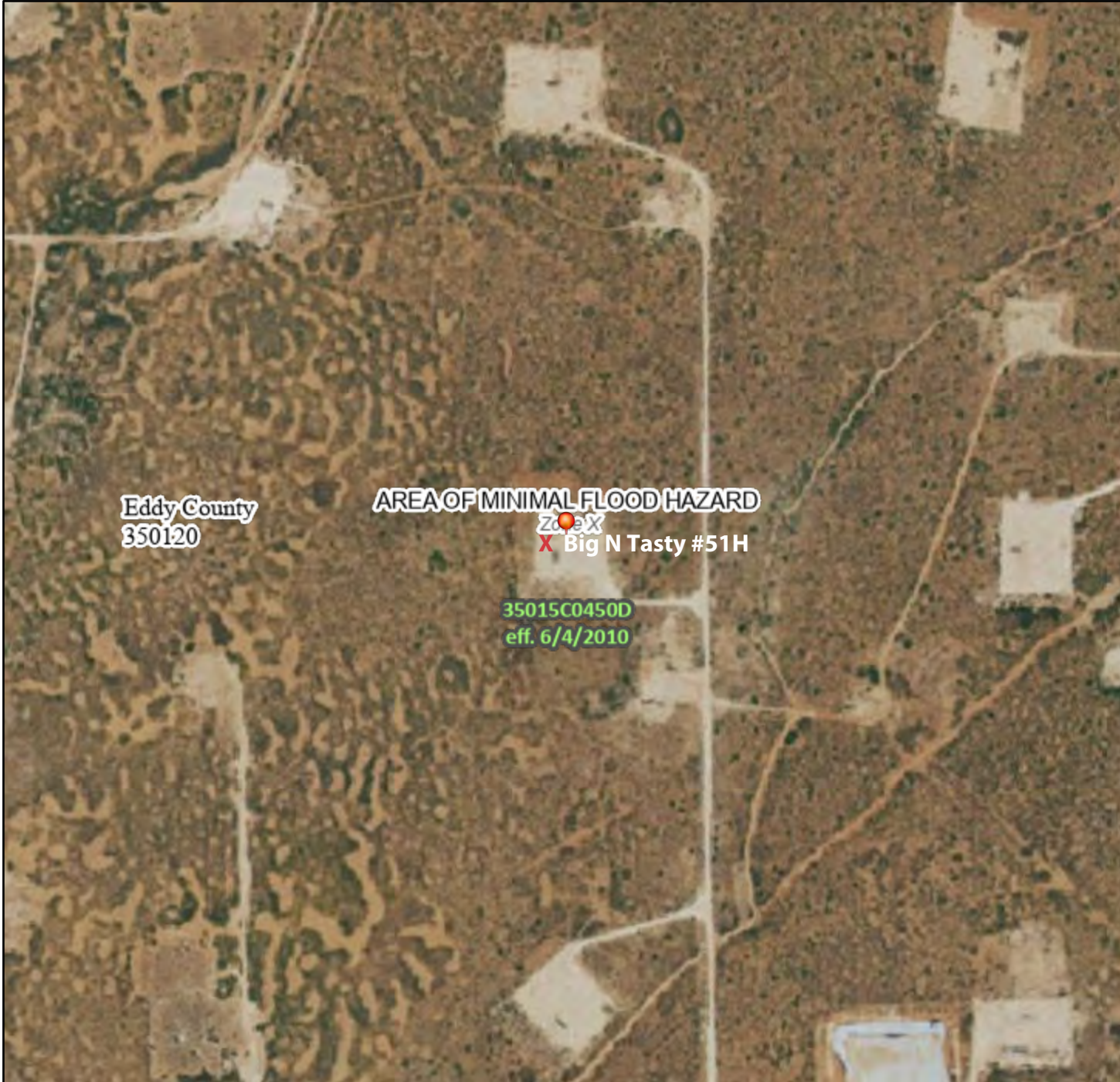
Google Earth



# National Flood Hazard Layer FIRMette



103°51'11"W 32°52'1"N



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

1:6,000

103°50'33"W 32°51'31"N

Released to Imaging: 3/18/2025 3:27:43 PM

Basemap Imagery Source: USGS National Map 2023

## Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



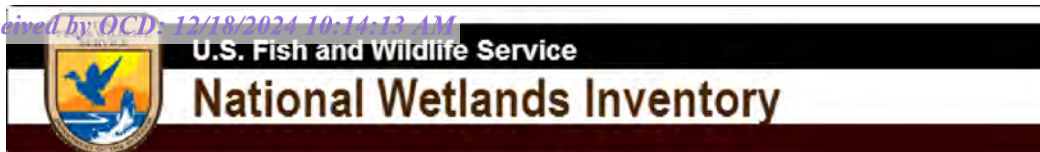
The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 7/16/2024 at 11:59 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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





## Wetlands Map



July 16, 2024

**Wetlands**

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- Riverine

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



## Appendix C

### ○ 48-Hour Notification

**Sebastian@pimaoil.com**

---

**From:** OCDOnline@state.nm.us  
**Sent:** Sunday, November 10, 2024 6:06 PM  
**To:** sebastian@pimaoil.com  
**Subject:** The Oil Conservation Division (OCD) has accepted the application, Application ID: 400970

To whom it may concern (c/o Sebastian Orozco for Spur Energy Partners LLC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2419132456.

The sampling event is expected to take place:

**When:** 11/13/2024 @ 15:00

**Where:** L-02-17S-31E 0 FNL 0 FEL (32.86266,-103.84873)

**Additional Information:** Marisa Loya  
575-408-3446

**Additional Instructions:** 32.862918°-103.848977°

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

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

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

**New Mexico Energy, Minerals and Natural Resources Department**  
1220 South St. Francis Drive  
Santa Fe, NM 87505



## Appendix D

### ○ Photographic Documentation



## PHOTOGRAPHIC DOCUMENTATION

**SITE NAME: Big N Tasty #51H**

**PHOTO LOG TYPE: Assessment**



Photo showing the release that occurred on pad facing South.



Photo showing the release that occurred on pad facing South.



Photo showing the release that occurred on pad facing South.



Photo of hand auger in ground to gather samples facing Southwest.





Photo showing the release that occurred on pad and leaked onto the pasture facing East.



Photo of hand auger in ground to gather samples facing Southwest.



Photo of hand auger in ground to gather samples facing Northwest.



Photo of hand auger in ground to gather samples facing Northwest.





Photo of hand auger in ground to gather samples facing Northwest.



Photo of hand auger in ground to gather samples facing North.



Photo of hand auger in ground to gather samples facing North.



Photo of hand auger in ground to gather samples facing Northwest.



## PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Big N Tasty #51H

### Pre-Excavation



Photo showing the site being flagged to show the excavation area facing West.



Photo showing the site being flagged to show the excavation area facing West.



Photo showing the site being flagged to show the excavation area facing North.



Photo showing the site being flagged to show the excavation area facing East.



## PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Big N Tasty #51H

### Excavation



Photo of the release area being completely excavated.



Photo of the release area being completely excavated.



Photo of the release area being completely excavated.



## PHOTOGRAPHIC DOCUMENTATION

**SITE NAME: Big N Tasty**

### Backfill



Photo showing the site being backfilled with clean material facing North.

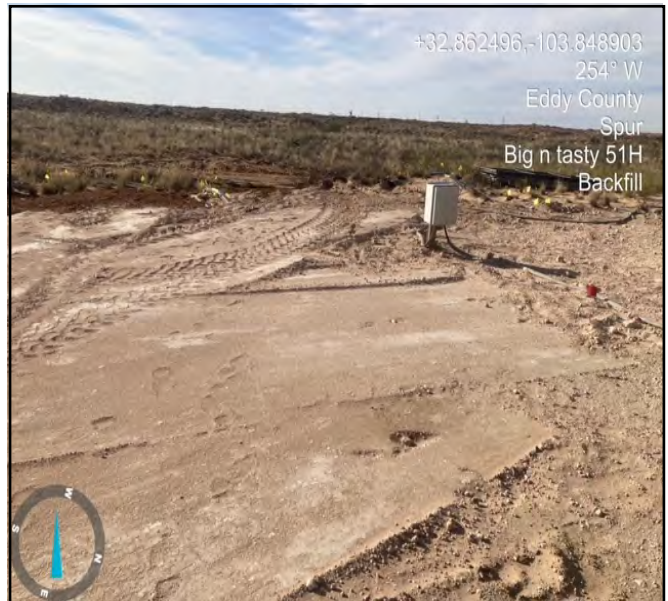


Photo showing the site being backfilled with clean material facing West.

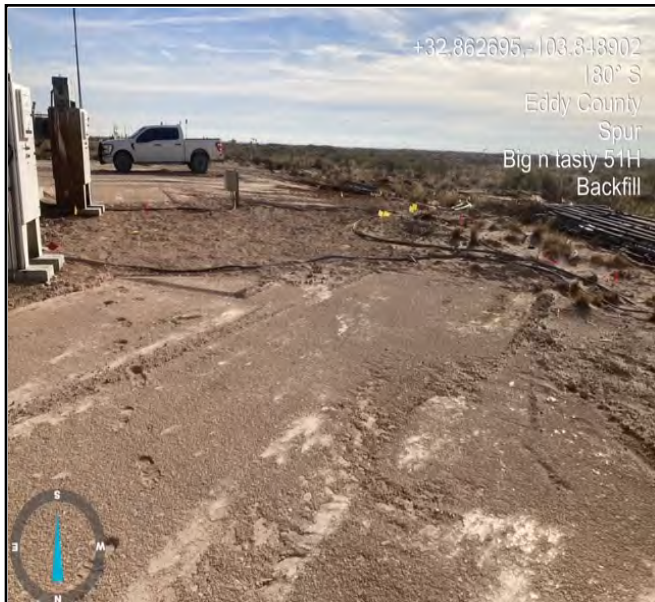


Photo showing the site being backfilled with clean material facing South.



Photo showing the site being backfilled with clean material facing East.





Photo showing the excavated area backfilled with clean material.



Photo showing the excavated area backfilled with clean material.



Photo showing the excavated area backfilled with clean material.



Photo showing the excavated area backfilled with clean material.



## Appendix E

### ○ Laboratory Reports



Report to:  
Gio Gomez



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Big N Tasty #51 H

Work Order: E407159

Job Number: 21068-0001

Received: 7/22/2024

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
7/25/24

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 7/25/24

Gio Gomez  
PO Box 247  
Plains, TX 79355-0247



Project Name: Big N Tasty #51 H  
Workorder: E407159  
Date Received: 7/22/2024 8:30:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/22/2024 8:30:00AM, under the Project Name: Big N Tasty #51 H.

The analytical test results summarized in this report with the Project Name: Big N Tasty #51 H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

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**Southern New Mexico Area**

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Laboratory Technical Representative  
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Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**Michelle Gonzales**  
Client Representative  
Office: 505-421-LABS(5227)  
Cell: 505-947-8222  
[mgonzaless@envirotech-inc.com](mailto:mgonzaless@envirotech-inc.com)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)



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## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Big N Tasty #51 H	Reported:
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	07/25/24 07:20

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
V1-6"	E407159-01A	Soil	07/17/24	07/22/24	Glass Jar, 2 oz.
V1-2'	E407159-02A	Soil	07/17/24	07/22/24	Glass Jar, 2 oz.
V1-4'	E407159-03A	Soil	07/17/24	07/22/24	Glass Jar, 2 oz.
V2-6"	E407159-04A	Soil	07/17/24	07/22/24	Glass Jar, 2 oz.
V2-2'	E407159-05A	Soil	07/17/24	07/22/24	Glass Jar, 2 oz.
V2-6'	E407159-06A	Soil	07/17/24	07/22/24	Glass Jar, 2 oz.
V3-6"	E407159-07A	Soil	07/17/24	07/22/24	Glass Jar, 2 oz.
V3-2'	E407159-08A	Soil	07/17/24	07/22/24	Glass Jar, 2 oz.
V3-4'	E407159-09A	Soil	07/17/24	07/22/24	Glass Jar, 2 oz.
V4-6"	E407159-10A	Soil	07/17/24	07/22/24	Glass Jar, 2 oz.
V4-2'	E407159-11A	Soil	07/17/24	07/22/24	Glass Jar, 2 oz.
V4-4'	E407159-12A	Soil	07/17/24	07/22/24	Glass Jar, 2 oz.
V5-6"	E407159-13A	Soil	07/17/24	07/22/24	Glass Jar, 2 oz.
V5-2'	E407159-14A	Soil	07/17/24	07/22/24	Glass Jar, 2 oz.
V5-4'	E407159-15A	Soil	07/17/24	07/22/24	Glass Jar, 2 oz.
V6-6"	E407159-16A	Soil	07/17/24	07/22/24	Glass Jar, 2 oz.
V6-2'	E407159-17A	Soil	07/17/24	07/22/24	Glass Jar, 2 oz.
V6-4'	E407159-18A	Soil	07/17/24	07/22/24	Glass Jar, 2 oz.
V7-6"	E407159-19A	Soil	07/17/24	07/22/24	Glass Jar, 2 oz.
V7-2'	E407159-20A	Soil	07/17/24	07/22/24	Glass Jar, 2 oz.



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Big N Tasty #51 H	Reported: 7/25/2024 7:20:57AM
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

V1-6"  
E407159-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG		Batch: 2430009	
Benzene	ND	0.0250	1	07/22/24	07/22/24	
Ethylbenzene	ND	0.0250	1	07/22/24	07/22/24	
Toluene	ND	0.0250	1	07/22/24	07/22/24	
o-Xylene	ND	0.0250	1	07/22/24	07/22/24	
p,m-Xylene	ND	0.0500	1	07/22/24	07/22/24	
Total Xylenes	ND	0.0250	1	07/22/24	07/22/24	
Surrogate: 4-Bromochlorobenzene-PID	92.8 %	70-130		07/22/24	07/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG		Batch: 2430009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/24	07/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.9 %	70-130		07/22/24	07/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2430002	
Diesel Range Organics (C10-C28)	117	25.0	1	07/22/24	07/22/24	
Oil Range Organics (C28-C36)	58.1	50.0	1	07/22/24	07/22/24	
Surrogate: n-Nonane	113 %	50-200		07/22/24	07/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2430012	
Chloride	92.0	20.0	1	07/22/24	07/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Big N Tasty #51 H	<b>Reported:</b> 7/25/2024 7:20:57AM
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

V1-2'  
E407159-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2430009	
Benzene	ND	0.0250	1	07/22/24	07/22/24	
Ethylbenzene	ND	0.0250	1	07/22/24	07/22/24	
Toluene	ND	0.0250	1	07/22/24	07/22/24	
o-Xylene	ND	0.0250	1	07/22/24	07/22/24	
p,m-Xylene	ND	0.0500	1	07/22/24	07/22/24	
Total Xylenes	ND	0.0250	1	07/22/24	07/22/24	
Surrogate: 4-Bromochlorobenzene-PID	93.3 %	70-130		07/22/24	07/22/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2430009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/24	07/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	96.4 %	70-130		07/22/24	07/22/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2430002	
Diesel Range Organics (C10-C28)	878	50.0	2	07/22/24	07/24/24	
Oil Range Organics (C28-C36)	415	100	2	07/22/24	07/24/24	
Surrogate: n-Nonane	114 %	50-200		07/22/24	07/24/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2430012	
Chloride	66.1	20.0	1	07/22/24	07/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Big N Tasty #51 H	<b>Reported:</b> 7/25/2024 7:20:57AM
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

V1-4'  
E407159-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2430009	
Benzene	ND	0.0250	1	07/22/24	07/22/24	
Ethylbenzene	ND	0.0250	1	07/22/24	07/22/24	
Toluene	ND	0.0250	1	07/22/24	07/22/24	
o-Xylene	ND	0.0250	1	07/22/24	07/22/24	
p,m-Xylene	ND	0.0500	1	07/22/24	07/22/24	
Total Xylenes	ND	0.0250	1	07/22/24	07/22/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.4 %	70-130		07/22/24	07/22/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2430009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/24	07/22/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.1 %	70-130		07/22/24	07/22/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2430002	
Diesel Range Organics (C10-C28)	30.8	25.0	1	07/22/24	07/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/22/24	07/22/24	
<i>Surrogate: n-Nonane</i>						
	113 %	50-200		07/22/24	07/22/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2430012	
Chloride	ND	20.0	1	07/22/24	07/22/24	





## Sample Data

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

Project Name: Big N Tasty #51 H  
Project Number: 21068-0001  
Project Manager: Gio Gomez

**Reported:**  
7/25/2024 7:20:57AM

V2-6"

E407159-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2430009	
Benzene	ND	0.0250	1	07/22/24	07/22/24	
Ethylbenzene	ND	0.0250	1	07/22/24	07/22/24	
Toluene	ND	0.0250	1	07/22/24	07/22/24	
o-Xylene	ND	0.0250	1	07/22/24	07/22/24	
p,m-Xylene	ND	0.0500	1	07/22/24	07/22/24	
Total Xylenes	ND	0.0250	1	07/22/24	07/22/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.8 %	70-130		07/22/24	07/22/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2430009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/24	07/22/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.9 %	70-130		07/22/24	07/22/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2430002	
Diesel Range Organics (C10-C28)	57.3	25.0	1	07/22/24	07/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/22/24	07/22/24	
<i>Surrogate: n-Nonane</i>						
	107 %	50-200		07/22/24	07/22/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2430012	
Chloride	65.4	20.0	1	07/22/24	07/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Big N Tasty #51 H	<b>Reported:</b> 7/25/2024 7:20:57AM
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

V2-2'

E407159-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2430009	
Benzene	ND	0.0250	1	07/22/24	07/22/24	
Ethylbenzene	ND	0.0250	1	07/22/24	07/22/24	
Toluene	ND	0.0250	1	07/22/24	07/22/24	
o-Xylene	ND	0.0250	1	07/22/24	07/22/24	
p,m-Xylene	ND	0.0500	1	07/22/24	07/22/24	
Total Xylenes	ND	0.0250	1	07/22/24	07/22/24	
Surrogate: 4-Bromochlorobenzene-PID	92.2 %	70-130		07/22/24	07/22/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2430009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/24	07/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	96.0 %	70-130		07/22/24	07/22/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2430002	
Diesel Range Organics (C10-C28)	377	25.0	1	07/22/24	07/22/24	
Oil Range Organics (C28-C36)	175	50.0	1	07/22/24	07/22/24	
Surrogate: n-Nonane	108 %	50-200		07/22/24	07/22/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2430012	
Chloride	54.3	20.0	1	07/22/24	07/22/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Big N Tasty #51 H	<b>Reported:</b> 7/25/2024 7:20:57AM
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

V2-6'

E407159-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2430009	
Benzene	ND	0.0250	1	07/22/24	07/22/24	
Ethylbenzene	ND	0.0250	1	07/22/24	07/22/24	
Toluene	ND	0.0250	1	07/22/24	07/22/24	
o-Xylene	ND	0.0250	1	07/22/24	07/22/24	
p,m-Xylene	ND	0.0500	1	07/22/24	07/22/24	
Total Xylenes	ND	0.0250	1	07/22/24	07/22/24	
Surrogate: 4-Bromochlorobenzene-PID	92.5 %	70-130		07/22/24	07/22/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2430009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/24	07/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	96.2 %	70-130		07/22/24	07/22/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2430002	
Diesel Range Organics (C10-C28)	28.8	25.0	1	07/22/24	07/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/22/24	07/22/24	
Surrogate: n-Nonane	103 %	50-200		07/22/24	07/22/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2430012	
Chloride	ND	20.0	1	07/22/24	07/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Big N Tasty #51 H	<b>Reported:</b> 7/25/2024 7:20:57AM
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

V3-6"

E407159-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2430009	
Benzene	ND	0.0250	1	07/22/24	07/22/24	
Ethylbenzene	ND	0.0250	1	07/22/24	07/22/24	
Toluene	ND	0.0250	1	07/22/24	07/22/24	
o-Xylene	ND	0.0250	1	07/22/24	07/22/24	
p,m-Xylene	ND	0.0500	1	07/22/24	07/22/24	
Total Xylenes	ND	0.0250	1	07/22/24	07/22/24	
Surrogate: 4-Bromochlorobenzene-PID	93.5 %	70-130		07/22/24	07/22/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2430009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/24	07/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	96.6 %	70-130		07/22/24	07/22/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2430002	
Diesel Range Organics (C10-C28)	64.7	25.0	1	07/22/24	07/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/22/24	07/22/24	
Surrogate: n-Nonane	107 %	50-200		07/22/24	07/22/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2430012	
Chloride	88.4	20.0	1	07/22/24	07/22/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Big N Tasty #51 H	<b>Reported:</b> 7/25/2024 7:20:57AM
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

V3-2'

E407159-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2430009	
Benzene	ND	0.0250	1	07/22/24	07/22/24	
Ethylbenzene	ND	0.0250	1	07/22/24	07/22/24	
Toluene	ND	0.0250	1	07/22/24	07/22/24	
o-Xylene	ND	0.0250	1	07/22/24	07/22/24	
p,m-Xylene	ND	0.0500	1	07/22/24	07/22/24	
Total Xylenes	ND	0.0250	1	07/22/24	07/22/24	
Surrogate: 4-Bromochlorobenzene-PID	92.6 %	70-130		07/22/24	07/22/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2430009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/24	07/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	96.8 %	70-130		07/22/24	07/22/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2430002	
Diesel Range Organics (C10-C28)	388	25.0	1	07/22/24	07/22/24	
Oil Range Organics (C28-C36)	196	50.0	1	07/22/24	07/22/24	
Surrogate: n-Nonane	107 %	50-200		07/22/24	07/22/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2430012	
Chloride	54.6	20.0	1	07/22/24	07/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Big N Tasty #51 H	<b>Reported:</b> 7/25/2024 7:20:57AM
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

V3-4'

E407159-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2430009	
Benzene	ND	0.0250	1	07/22/24	07/22/24	
Ethylbenzene	ND	0.0250	1	07/22/24	07/22/24	
Toluene	ND	0.0250	1	07/22/24	07/22/24	
o-Xylene	ND	0.0250	1	07/22/24	07/22/24	
p,m-Xylene	ND	0.0500	1	07/22/24	07/22/24	
Total Xylenes	ND	0.0250	1	07/22/24	07/22/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.3 %	70-130		07/22/24	07/22/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2430009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/24	07/22/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.9 %	70-130		07/22/24	07/22/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2430002	
Diesel Range Organics (C10-C28)	28.7	25.0	1	07/22/24	07/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/22/24	07/23/24	
<i>Surrogate: n-Nonane</i>						
	109 %	50-200		07/22/24	07/23/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2430012	
Chloride	ND	20.0	1	07/22/24	07/22/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Big N Tasty #51 H	Reported: 7/25/2024 7:20:57AM
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

V4-6"

E407159-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2430009	
Benzene	ND	0.0250	1	07/22/24	07/22/24	
Ethylbenzene	ND	0.0250	1	07/22/24	07/22/24	
Toluene	ND	0.0250	1	07/22/24	07/22/24	
o-Xylene	ND	0.0250	1	07/22/24	07/22/24	
p,m-Xylene	ND	0.0500	1	07/22/24	07/22/24	
Total Xylenes	ND	0.0250	1	07/22/24	07/22/24	
Surrogate: 4-Bromochlorobenzene-PID	93.1 %	70-130		07/22/24	07/22/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2430009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/24	07/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	96.1 %	70-130		07/22/24	07/22/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2430002	
Diesel Range Organics (C10-C28)	59.6	25.0	1	07/22/24	07/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/22/24	07/23/24	
Surrogate: n-Nonane	110 %	50-200		07/22/24	07/23/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2430012	
Chloride	76.3	20.0	1	07/22/24	07/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Big N Tasty #51 H	<b>Reported:</b> 7/25/2024 7:20:57AM
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

V4-2'

E407159-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2430009	
Benzene	ND	0.0250	1	07/22/24	07/22/24	
Ethylbenzene	ND	0.0250	1	07/22/24	07/22/24	
Toluene	ND	0.0250	1	07/22/24	07/22/24	
o-Xylene	ND	0.0250	1	07/22/24	07/22/24	
p,m-Xylene	ND	0.0500	1	07/22/24	07/22/24	
Total Xylenes	ND	0.0250	1	07/22/24	07/22/24	
Surrogate: 4-Bromochlorobenzene-PID	92.8 %	70-130		07/22/24	07/22/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2430009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/24	07/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	96.8 %	70-130		07/22/24	07/22/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2430002	
Diesel Range Organics (C10-C28)	365	50.0	2	07/22/24	07/24/24	
Oil Range Organics (C28-C36)	199	100	2	07/22/24	07/24/24	
Surrogate: n-Nonane	111 %	50-200		07/22/24	07/24/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2430012	
Chloride	36.7	20.0	1	07/22/24	07/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Big N Tasty #51 H	Reported: 7/25/2024 7:20:57AM
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

V4-4'

E407159-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2430009	
Benzene	ND	0.0250	1	07/22/24	07/22/24	
Ethylbenzene	ND	0.0250	1	07/22/24	07/22/24	
Toluene	ND	0.0250	1	07/22/24	07/22/24	
o-Xylene	ND	0.0250	1	07/22/24	07/22/24	
p,m-Xylene	ND	0.0500	1	07/22/24	07/22/24	
Total Xylenes	ND	0.0250	1	07/22/24	07/22/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.9 %	70-130		07/22/24	07/22/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2430009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/24	07/22/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.0 %	70-130		07/22/24	07/22/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2430002	
Diesel Range Organics (C10-C28)	28.6	25.0	1	07/22/24	07/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/22/24	07/23/24	
<i>Surrogate: n-Nonane</i>						
	116 %	50-200		07/22/24	07/23/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2430012	
Chloride	ND	20.0	1	07/22/24	07/22/24	





## Sample Data

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

Project Name: Big N Tasty #51 H  
Project Number: 21068-0001  
Project Manager: Gio Gomez

**Reported:**  
7/25/2024 7:20:57AM

V5-6"

E407159-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2430009	
Benzene	ND	0.0250	1	07/22/24	07/22/24	
Ethylbenzene	ND	0.0250	1	07/22/24	07/22/24	
Toluene	ND	0.0250	1	07/22/24	07/22/24	
o-Xylene	ND	0.0250	1	07/22/24	07/22/24	
p,m-Xylene	ND	0.0500	1	07/22/24	07/22/24	
Total Xylenes	ND	0.0250	1	07/22/24	07/22/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.7 %	70-130		07/22/24	07/22/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2430009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/24	07/22/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.7 %	70-130		07/22/24	07/22/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2430002	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/22/24	07/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/22/24	07/23/24	
<i>Surrogate: n-Nonane</i>						
	112 %	50-200		07/22/24	07/23/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2430012	
Chloride	67.9	20.0	1	07/22/24	07/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Big N Tasty #51 H	<b>Reported:</b> 7/25/2024 7:20:57AM
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

V5-2'

E407159-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2430009	
Benzene	ND	0.0250	1	07/22/24	07/22/24	
Ethylbenzene	ND	0.0250	1	07/22/24	07/22/24	
Toluene	ND	0.0250	1	07/22/24	07/22/24	
o-Xylene	ND	0.0250	1	07/22/24	07/22/24	
p,m-Xylene	ND	0.0500	1	07/22/24	07/22/24	
Total Xylenes	ND	0.0250	1	07/22/24	07/22/24	
Surrogate: 4-Bromochlorobenzene-PID	92.4 %	70-130		07/22/24	07/22/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2430009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/24	07/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	96.3 %	70-130		07/22/24	07/22/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2430002	
Diesel Range Organics (C10-C28)	187	25.0	1	07/22/24	07/23/24	
Oil Range Organics (C28-C36)	91.2	50.0	1	07/22/24	07/23/24	
Surrogate: n-Nonane	109 %	50-200		07/22/24	07/23/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2430012	
Chloride	45.8	20.0	1	07/22/24	07/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Big N Tasty #51 H	<b>Reported:</b> 7/25/2024 7:20:57AM
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

V5-4'

E407159-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2430009	
Benzene	ND	0.0250	1	07/22/24	07/22/24	
Ethylbenzene	ND	0.0250	1	07/22/24	07/22/24	
Toluene	ND	0.0250	1	07/22/24	07/22/24	
o-Xylene	ND	0.0250	1	07/22/24	07/22/24	
p,m-Xylene	ND	0.0500	1	07/22/24	07/22/24	
Total Xylenes	ND	0.0250	1	07/22/24	07/22/24	
Surrogate: 4-Bromochlorobenzene-PID	92.7 %	70-130		07/22/24	07/22/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2430009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/24	07/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	94.4 %	70-130		07/22/24	07/22/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2430002	
Diesel Range Organics (C10-C28)	30.0	25.0	1	07/22/24	07/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/22/24	07/23/24	
Surrogate: n-Nonane	116 %	50-200		07/22/24	07/23/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2430012	
Chloride	ND	20.0	1	07/22/24	07/22/24	





## Sample Data

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

Project Name: Big N Tasty #51 H  
Project Number: 21068-0001  
Project Manager: Gio Gomez

**Reported:**  
7/25/2024 7:20:57AM

V6-6"

E407159-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2430009	
Benzene	ND	0.0250	1	07/22/24	07/22/24	
Ethylbenzene	ND	0.0250	1	07/22/24	07/22/24	
Toluene	ND	0.0250	1	07/22/24	07/22/24	
o-Xylene	ND	0.0250	1	07/22/24	07/22/24	
p,m-Xylene	ND	0.0500	1	07/22/24	07/22/24	
Total Xylenes	ND	0.0250	1	07/22/24	07/22/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.5 %	70-130		07/22/24	07/22/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2430009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/24	07/22/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.1 %	70-130		07/22/24	07/22/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2430002	
Diesel Range Organics (C10-C28)	191	25.0	1	07/22/24	07/23/24	
Oil Range Organics (C28-C36)	98.0	50.0	1	07/22/24	07/23/24	
<i>Surrogate: n-Nonane</i>						
	118 %	50-200		07/22/24	07/23/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2430012	
Chloride	68.6	20.0	1	07/22/24	07/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Big N Tasty #51 H	<b>Reported:</b> 7/25/2024 7:20:57AM
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

V6-2'

E407159-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2430009	
Benzene	ND	0.0250	1	07/22/24	07/22/24	
Ethylbenzene	ND	0.0250	1	07/22/24	07/22/24	
Toluene	ND	0.0250	1	07/22/24	07/22/24	
o-Xylene	ND	0.0250	1	07/22/24	07/22/24	
p,m-Xylene	ND	0.0500	1	07/22/24	07/22/24	
Total Xylenes	ND	0.0250	1	07/22/24	07/22/24	
Surrogate: 4-Bromochlorobenzene-PID	92.4 %	70-130		07/22/24	07/22/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2430009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/24	07/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.2 %	70-130		07/22/24	07/22/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2430002	
Diesel Range Organics (C10-C28)	30.2	25.0	1	07/22/24	07/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/22/24	07/23/24	
Surrogate: n-Nonane	119 %	50-200		07/22/24	07/23/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2430012	
Chloride	39.1	20.0	1	07/22/24	07/22/24	



## Sample Data

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

Project Name: Big N Tasty #51 H  
Project Number: 21068-0001  
Project Manager: Gio Gomez

**Reported:**  
7/25/2024 7:20:57AM

V6-4'

E407159-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2430009	
Benzene	ND	0.0250	1	07/22/24	07/22/24	
Ethylbenzene	ND	0.0250	1	07/22/24	07/22/24	
Toluene	ND	0.0250	1	07/22/24	07/22/24	
o-Xylene	ND	0.0250	1	07/22/24	07/22/24	
p,m-Xylene	ND	0.0500	1	07/22/24	07/22/24	
Total Xylenes	ND	0.0250	1	07/22/24	07/22/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.9 %	70-130		07/22/24	07/22/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2430009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/24	07/22/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.0 %	70-130		07/22/24	07/22/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2430002	
Diesel Range Organics (C10-C28)	29.0	25.0	1	07/22/24	07/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/22/24	07/23/24	
<i>Surrogate: n-Nonane</i>						
	118 %	50-200		07/22/24	07/23/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2430012	
Chloride	ND	20.0	1	07/22/24	07/22/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Big N Tasty #51 H	<b>Reported:</b> 7/25/2024 7:20:57AM
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

V7-6"

E407159-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2430009	
Benzene	ND	0.0250	1	07/22/24	07/22/24	
Ethylbenzene	ND	0.0250	1	07/22/24	07/22/24	
Toluene	ND	0.0250	1	07/22/24	07/22/24	
o-Xylene	0.190	0.0250	1	07/22/24	07/22/24	
p,m-Xylene	0.169	0.0500	1	07/22/24	07/22/24	
Total Xylenes	0.359	0.0250	1	07/22/24	07/22/24	
Surrogate: 4-Bromochlorobenzene-PID	97.2 %	70-130		07/22/24	07/22/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2430009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/24	07/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	96.5 %	70-130		07/22/24	07/22/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2430002	
Diesel Range Organics (C10-C28)	2640	500	20	07/22/24	07/24/24	
Oil Range Organics (C28-C36)	1080	1000	20	07/22/24	07/24/24	
Surrogate: n-Nonane	131 %	50-200		07/22/24	07/24/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2430012	
Chloride	101	20.0	1	07/22/24	07/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Big N Tasty #51 H	<b>Reported:</b> 7/25/2024 7:20:57AM
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

V7-2'

E407159-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2430009	
Benzene	ND	0.0250	1	07/22/24	07/22/24	
Ethylbenzene	0.0256	0.0250	1	07/22/24	07/22/24	
Toluene	ND	0.0250	1	07/22/24	07/22/24	
o-Xylene	ND	0.0250	1	07/22/24	07/22/24	
p,m-Xylene	0.0841	0.0500	1	07/22/24	07/22/24	
Total Xylenes	0.0841	0.0250	1	07/22/24	07/22/24	
Surrogate: 4-Bromochlorobenzene-PID	91.4 %	70-130		07/22/24	07/22/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2430009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/24	07/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	94.7 %	70-130		07/22/24	07/22/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2430002	
Diesel Range Organics (C10-C28)	30.8	25.0	1	07/22/24	07/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/22/24	07/23/24	
Surrogate: n-Nonane	120 %	50-200		07/22/24	07/23/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2430012	
Chloride	ND	20.0	1	07/22/24	07/22/24	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Big N Tasty #51 H	Reported:
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/25/2024 7:20:57AM

Volatile Organics by EPA 8021B

Analyst: CG

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2430009-BLK1)Prepared: 07/22/24 Analyzed: 07/22/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.30		8.00		91.3	70-130			

LCS (2430009-BS1)Prepared: 07/22/24 Analyzed: 07/22/24

Benzene	4.36	0.0250	5.00		87.1	70-130			
Ethylbenzene	4.18	0.0250	5.00		83.6	70-130			
Toluene	4.29	0.0250	5.00		85.8	70-130			
o-Xylene	4.17	0.0250	5.00		83.3	70-130			
p,m-Xylene	8.51	0.0500	10.0		85.1	70-130			
Total Xylenes	12.7	0.0250	15.0		84.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.39		8.00		92.4	70-130			

Matrix Spike (2430009-MS1)Source: E407159-06Prepared: 07/22/24 Analyzed: 07/22/24

Benzene	4.38	0.0250	5.00	ND	87.6	54-133			
Ethylbenzene	4.19	0.0250	5.00	ND	83.8	61-133			
Toluene	4.30	0.0250	5.00	ND	85.9	61-130			
o-Xylene	4.18	0.0250	5.00	ND	83.7	63-131			
p,m-Xylene	8.53	0.0500	10.0	ND	85.3	63-131			
Total Xylenes	12.7	0.0250	15.0	ND	84.7	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.42		8.00		92.8	70-130			

Matrix Spike Dup (2430009-MSD1)Source: E407159-06Prepared: 07/22/24 Analyzed: 07/22/24

Benzene	4.22	0.0250	5.00	ND	84.4	54-133	3.62	20	
Ethylbenzene	4.06	0.0250	5.00	ND	81.2	61-133	3.24	20	
Toluene	4.15	0.0250	5.00	ND	83.1	61-130	3.42	20	
o-Xylene	4.04	0.0250	5.00	ND	80.8	63-131	3.53	20	
p,m-Xylene	8.26	0.0500	10.0	ND	82.6	63-131	3.15	20	
Total Xylenes	12.3	0.0250	15.0	ND	82.0	63-131	3.27	20	
Surrogate: 4-Bromochlorobenzene-PID	7.49		8.00		93.6	70-130			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Big N Tasty #51 H	Reported:  7/25/2024 7:20:57AM
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: CG

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2430009-BLK1)

Prepared: 07/22/24 Analyzed: 07/22/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.83		8.00		97.9	70-130			

LCS (2430009-BS2)

Prepared: 07/22/24 Analyzed: 07/22/24

Gasoline Range Organics (C6-C10)	39.7	20.0	50.0		79.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.78		8.00		97.3	70-130			

Matrix Spike (2430009-MS2)

Source: E407159-06 Prepared: 07/22/24 Analyzed: 07/23/24

Gasoline Range Organics (C6-C10)	42.0	20.0	50.0	ND	84.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.74		8.00		96.7	70-130			

Matrix Spike Dup (2430009-MSD2)

Source: E407159-06 Prepared: 07/22/24 Analyzed: 07/22/24

Gasoline Range Organics (C6-C10)	43.7	20.0	50.0	ND	87.4	70-130	3.85	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.80		8.00		97.5	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Big N Tasty #51 H	Reported:  7/25/2024 7:20:57AM
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2430002-BLK1) Prepared: 07/22/24 Analyzed: 07/22/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	55.5		50.0		111	50-200			

LCS (2430002-BS1) Prepared: 07/22/24 Analyzed: 07/22/24

Diesel Range Organics (C10-C28)	238	25.0	250		95.1	38-132			
Surrogate: n-Nonane	57.7		50.0		115	50-200			

Matrix Spike (2430002-MS1) Source: E407159-04 Prepared: 07/22/24 Analyzed: 07/22/24

Diesel Range Organics (C10-C28)	334	25.0	250	57.3	111	38-132			
Surrogate: n-Nonane	57.2		50.0		114	50-200			

Matrix Spike Dup (2430002-MSD1) Source: E407159-04 Prepared: 07/22/24 Analyzed: 07/22/24

Diesel Range Organics (C10-C28)	323	25.0	250	57.3	106	38-132	3.42	20	
Surrogate: n-Nonane	53.1		50.0		106	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Big N Tasty #51 H	Reported:
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/25/2024 7:20:57AM

Anions by EPA 300.0/9056A

Analyst: JM

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

Blank (2430012-BLK1)					Prepared: 07/22/24 Analyzed: 07/22/24				
Chloride	ND	20.0							
LCS (2430012-BS1)					Prepared: 07/22/24 Analyzed: 07/22/24				
Chloride	249	20.0	250		99.7	90-110			
Matrix Spike (2430012-MS1)					Source: E407159-09		Prepared: 07/22/24 Analyzed: 07/22/24		
Chloride	257	20.0	250	ND	103	80-120			
Matrix Spike Dup (2430012-MSD1)					Source: E407159-09		Prepared: 07/22/24 Analyzed: 07/22/24		
Chloride	260	20.0	250	ND	104	80-120	1.41	20	

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





Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Big N Tasty #51 H	
PO Box 247	Project Number:	21068-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	07/25/24 07:20

- ND Analyte NOT DETECTED at or above the reporting limit
  - NR Not Reported
  - RPD Relative Percent Difference
  - DNI Did Not Ignite
  - DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with \*\* are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



## Project Information

## Chain of Custody

Page 1 of 6

Client: Pima Environmental Services					Bill To		Lab Use Only		TAT				EPA Program					
Project: <u>Big N Tasty #51 H</u>					Attention: <u>Spur</u>		Lab WO# <u>E 407159</u>		Job Number <u>21068-0001</u>		1D	2D	3D	Standard	CWA	SDWA		
Project Manager: <u>Gio Gomez</u>					Address:		Analysis and Method								RCRA			
Address: <u>5614 N. Lovington Hwy.</u>					City, State, Zip													
City, State, Zip <u>Hobbs, NM. 88240</u>					Phone:													
Phone: <u>806-782-1151</u>					Email:						State							
Email: <u>gio@pimaoil.com</u>					Pima Project # <u>6-332</u>						NM				CO	UT	AZ	TX
Report due by:																		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks				
8:31	7/17	S		V1-6"	1							X						
8:39				V1-2'	2													
8:42				V1-4'	3													
8:51				V2-6"	4													
9:02				V2-2'	5													
9:12				V2-6'	6													
9:20				V3-6"	7													
9:29				V3-2'	8													
9:33				V3-4'	9													
9:38				V4-6"	10													
Additional Instructions: <u>Billing# 7010-4710 CC.14046</u>																		
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.											Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.							
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only										
<u>Carime Adams</u>		<u>7/19/24</u>	<u>1350</u>	<u>Michelle Gonzales</u>		<u>7-19-24</u>	<u>1350</u>	Received on ice: <u>Y/N</u>										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 T2 T3										
<u>Michelle Gonzales</u>		<u>7-19-24</u>	<u>1600</u>	<u>A.M.</u>		<u>7-19-24</u>	<u>1630</u>											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C										
<u>A.M.</u>		<u>7-19-24</u>	<u>2245</u>	<u>St</u>		<u>7-22-24</u>	<u>0830</u>	<u>4</u>										
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other											Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA							
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																		



## Project Information

## Chain of Custody

Page 2 of 6

Client: Pima Environmental Services					Bill To		Lab Use Only		TAT				EPA Program			
Project: <u>Big Nasty #51 H</u>					Attention: <u>Spur</u>		Lab WO# <u>E 407159</u>		Job Number <u>21068-0001</u>		1D	2D	3D	Standard	CWA	SDWA
Project Manager: <u>Gio Gomez</u>					Address:		Analysis and Method								RCRA	
Address: <u>5614 N. Lovington Hwy.</u>					City, State, Zip											
City, State, Zip <u>Hobbs, NM, 88240</u>					Phone:											
Phone: <u>806-782-1151</u>					Email:										State	
Email: <u>gio@pimaoil.com</u>					Pima Project # <u>6-332</u>											
Report due by:																

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
9:43	7/1/24	S		V4-2'	11							X		
9:51				V4-4'	12									
9:59				V5-6"	13									
10:03				V5-2'	14									
10:11				V5-4'	15									
10:17				V6-6"	16									
10:26				V6-2'	17									
10:36				V6-4'	18									
10:43				V7-6"	19									
10:49				V7-2'	20									

**Additional Instructions:** Billing# 7010-4710 CG. 14046

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

Sampled by: \_\_\_\_\_

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <u>Y</u> / N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
<u>Karime Adame</u>	<u>7/19/24</u>	<u>1:50</u>	<u>Michelle Gonzales</u>	<u>7-19-24</u>	<u>1350</u>	
<u>Michelle Gonzales</u>	<u>7-19-24</u>	<u>1600</u>	<u>A.M.</u>	<u>7-19-24</u>	<u>1630</u>	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<u>A.M.</u>	<u>7-19-24</u>	<u>2245</u>	<u>[Signature]</u>	<u>7-22-24</u>	<u>08:30</u>	

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

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

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



## Envirotech Analytical Laboratory

Printed: 7/22/2024 9:34:04AM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	07/22/24 08:30	Work Order ID:	E407159
Phone:	(575) 631-6977	Date Logged In:	07/19/24 14:35	Logged In By:	Alexa Michaels
Email:	gio@pimaoil.com	Due Date:	07/26/24 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

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

Carrier: CouierSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client InstructionComments/Resolution

Big N Tosty #51 H has been separated into multiple reports due to high sample volume. WO are E407159-E407161. No. of containers and sampled by is not listed on the COC by client.

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

Date



envirotech Inc.

Report to:  
Gio Gomez



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Big N Tasty #51 H

Work Order: E407160

Job Number: 21068-0001

Received: 7/22/2024

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
7/25/24

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 7/25/24

Gio Gomez  
PO Box 247  
Plains, TX 79355-0247



Project Name: Big N Tasty #51 H  
Workorder: E407160  
Date Received: 7/22/2024 8:30:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/22/2024 8:30:00AM, under the Project Name: Big N Tasty #51 H.

The analytical test results summarized in this report with the Project Name: Big N Tasty #51 H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)



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## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Big N Tasty #51 H	Reported:
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	07/25/24 07:11

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
V7-4'	E407160-01A	Soil	07/17/24	07/22/24	Glass Jar, 2 oz.
V8-6"	E407160-02A	Soil	07/17/24	07/22/24	Glass Jar, 2 oz.
V8-2'	E407160-03A	Soil	07/17/24	07/22/24	Glass Jar, 2 oz.
V8-4'	E407160-04A	Soil	07/17/24	07/22/24	Glass Jar, 2 oz.
V9-6"	E407160-05A	Soil	07/17/24	07/22/24	Glass Jar, 2 oz.
V9-2'	E407160-06A	Soil	07/17/24	07/22/24	Glass Jar, 2 oz.
V9-4'	E407160-07A	Soil	07/17/24	07/22/24	Glass Jar, 2 oz.
HD1-4'	E407160-08A	Soil	07/17/24	07/22/24	Glass Jar, 2 oz.
HD1-6'	E407160-09A	Soil	07/17/24	07/22/24	Glass Jar, 2 oz.
HD2-4'	E407160-10A	Soil	07/17/24	07/22/24	Glass Jar, 2 oz.
HD2-6'	E407160-11A	Soil	07/17/24	07/22/24	Glass Jar, 2 oz.
HD3-4'	E407160-12A	Soil	07/17/24	07/22/24	Glass Jar, 2 oz.
HD3-6'	E407160-13A	Soil	07/17/24	07/22/24	Glass Jar, 2 oz.
HD4-4'	E407160-14A	Soil	07/17/24	07/22/24	Glass Jar, 2 oz.
HD4-6'	E407160-15A	Soil	07/17/24	07/22/24	Glass Jar, 2 oz.
HD5-4'	E407160-16A	Soil	07/17/24	07/22/24	Glass Jar, 2 oz.
HD5-6'	E407160-17A	Soil	07/17/24	07/22/24	Glass Jar, 2 oz.
HD6-4'	E407160-18A	Soil	07/17/24	07/22/24	Glass Jar, 2 oz.
HD6-6'	E407160-19A	Soil	07/17/24	07/22/24	Glass Jar, 2 oz.
HD7-4'	E407160-20A	Soil	07/17/24	07/22/24	Glass Jar, 2 oz.





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Big N Tasty #51 H	Reported: 7/25/2024 7:11:28AM
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

V7-4'

E407160-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2430010	
Benzene	ND	0.0250	1	07/22/24	07/23/24	
Ethylbenzene	ND	0.0250	1	07/22/24	07/23/24	
Toluene	ND	0.0250	1	07/22/24	07/23/24	
o-Xylene	ND	0.0250	1	07/22/24	07/23/24	
p,m-Xylene	ND	0.0500	1	07/22/24	07/23/24	
Total Xylenes	ND	0.0250	1	07/22/24	07/23/24	
Surrogate: 4-Bromochlorobenzene-PID	94.7 %	70-130		07/22/24	07/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2430010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/24	07/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	107 %	70-130		07/22/24	07/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2430003	
Diesel Range Organics (C10-C28)	27.9	25.0	1	07/22/24	07/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/22/24	07/23/24	
Surrogate: n-Nonane	111 %	50-200		07/22/24	07/23/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: WF		Batch: 2430013	
Chloride	ND	20.0	1	07/22/24	07/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Big N Tasty #51 H	Reported: 7/25/2024 7:11:28AM
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

V8-6"

E407160-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2430010	
Benzene	ND	0.0250	1	07/22/24	07/23/24	
Ethylbenzene	ND	0.0250	1	07/22/24	07/23/24	
Toluene	ND	0.0250	1	07/22/24	07/23/24	
o-Xylene	0.0588	0.0250	1	07/22/24	07/23/24	
p,m-Xylene	0.113	0.0500	1	07/22/24	07/23/24	
Total Xylenes	0.171	0.0250	1	07/22/24	07/23/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		105 %	70-130	07/22/24	07/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2430010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/24	07/23/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		108 %	70-130	07/22/24	07/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2430003	
Diesel Range Organics (C10-C28)	3590	1250	50	07/22/24	07/24/24	
Oil Range Organics (C28-C36)	ND	2500	50	07/22/24	07/24/24	
<i>Surrogate: n-Nonane</i>						
		129 %	50-200	07/22/24	07/24/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2430013	
Chloride	91.3	20.0	1	07/22/24	07/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Big N Tasty #51 H	Reported: 7/25/2024 7:11:28AM
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

V8-2'

E407160-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2430010	
Benzene	ND	0.0250	1	07/22/24	07/23/24	
Ethylbenzene	ND	0.0250	1	07/22/24	07/23/24	
Toluene	ND	0.0250	1	07/22/24	07/23/24	
o-Xylene	ND	0.0250	1	07/22/24	07/23/24	
p,m-Xylene	ND	0.0500	1	07/22/24	07/23/24	
Total Xylenes	ND	0.0250	1	07/22/24	07/23/24	
Surrogate: 4-Bromochlorobenzene-PID	94.1 %	70-130		07/22/24	07/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2430010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/24	07/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	107 %	70-130		07/22/24	07/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2430003	
Diesel Range Organics (C10-C28)	25.7	25.0	1	07/22/24	07/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/22/24	07/23/24	
Surrogate: n-Nonane	110 %	50-200		07/22/24	07/23/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: WF		Batch: 2430013	
Chloride	ND	20.0	1	07/22/24	07/22/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Big N Tasty #51 H	Reported: 7/25/2024 7:11:28AM
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

V8-4'

E407160-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2430010	
Benzene	ND	0.0250	1	07/22/24	07/23/24	
Ethylbenzene	ND	0.0250	1	07/22/24	07/23/24	
Toluene	ND	0.0250	1	07/22/24	07/23/24	
o-Xylene	0.0271	0.0250	1	07/22/24	07/23/24	
p,m-Xylene	ND	0.0500	1	07/22/24	07/23/24	
Total Xylenes	0.0271	0.0250	1	07/22/24	07/23/24	
Surrogate: 4-Bromochlorobenzene-PID	98.5 %	70-130		07/22/24	07/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2430010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/24	07/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	107 %	70-130		07/22/24	07/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2430003	
Diesel Range Organics (C10-C28)	26.2	25.0	1	07/22/24	07/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/22/24	07/23/24	
Surrogate: n-Nonane	109 %	50-200		07/22/24	07/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF		Batch: 2430013	
Chloride	ND	20.0	1	07/22/24	07/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Big N Tasty #51 H	<b>Reported:</b> 7/25/2024 7:11:28AM
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

V9-6"

E407160-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2430010	
Benzene	ND	0.0250	1	07/22/24	07/23/24	
Ethylbenzene	ND	0.0250	1	07/22/24	07/23/24	
Toluene	ND	0.0250	1	07/22/24	07/23/24	
o-Xylene	ND	0.0250	1	07/22/24	07/23/24	
p,m-Xylene	ND	0.0500	1	07/22/24	07/23/24	
Total Xylenes	ND	0.0250	1	07/22/24	07/23/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	07/22/24	07/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2430010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/24	07/23/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		107 %	70-130	07/22/24	07/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2430003	
Diesel Range Organics (C10-C28)	1760	250	10	07/22/24	07/24/24	
Oil Range Organics (C28-C36)	735	500	10	07/22/24	07/24/24	
<i>Surrogate: n-Nonane</i>		106 %	50-200	07/22/24	07/24/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: WF		Batch: 2430013	
Chloride	81.4	20.0	1	07/22/24	07/22/24	



## Sample Data

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

Project Name: Big N Tasty #51 H  
Project Number: 21068-0001  
Project Manager: Gio Gomez

**Reported:**  
7/25/2024 7:11:28AM

V9-2'

E407160-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2430010
Benzene	ND	0.0250	1	07/22/24	07/23/24	
Ethylbenzene	ND	0.0250	1	07/22/24	07/23/24	
Toluene	ND	0.0250	1	07/22/24	07/23/24	
o-Xylene	ND	0.0250	1	07/22/24	07/23/24	
p,m-Xylene	ND	0.0500	1	07/22/24	07/23/24	
Total Xylenes	ND	0.0250	1	07/22/24	07/23/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.4 %	70-130		07/22/24	07/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2430010
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/24	07/23/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	107 %	70-130		07/22/24	07/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2430003
Diesel Range Organics (C10-C28)	31.0	25.0	1	07/22/24	07/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/22/24	07/23/24	
<i>Surrogate: n-Nonane</i>						
	109 %	50-200		07/22/24	07/23/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2430013
Chloride	ND	20.0	1	07/22/24	07/22/24	





## Sample Data

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

Project Name: Big N Tasty #51 H  
Project Number: 21068-0001  
Project Manager: Gio Gomez

**Reported:**  
7/25/2024 7:11:28AM

V9-4'

E407160-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2430010	
Benzene	ND	0.0250	1	07/22/24	07/23/24	
Ethylbenzene	ND	0.0250	1	07/22/24	07/23/24	
Toluene	ND	0.0250	1	07/22/24	07/23/24	
o-Xylene	ND	0.0250	1	07/22/24	07/23/24	
p,m-Xylene	ND	0.0500	1	07/22/24	07/23/24	
Total Xylenes	ND	0.0250	1	07/22/24	07/23/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.5 %	70-130		07/22/24	07/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2430010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/24	07/23/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	106 %	70-130		07/22/24	07/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2430003	
Diesel Range Organics (C10-C28)	25.6	25.0	1	07/22/24	07/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/22/24	07/23/24	
<i>Surrogate: n-Nonane</i>						
	105 %	50-200		07/22/24	07/23/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2430013	
Chloride	ND	20.0	1	07/22/24	07/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Big N Tasty #51 H	Reported: 7/25/2024 7:11:28AM
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

HD1-4'

E407160-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2430010	
Benzene	ND	0.0250	1	07/22/24	07/23/24	
Ethylbenzene	ND	0.0250	1	07/22/24	07/23/24	
Toluene	ND	0.0250	1	07/22/24	07/23/24	
o-Xylene	ND	0.0250	1	07/22/24	07/23/24	
p,m-Xylene	ND	0.0500	1	07/22/24	07/23/24	
Total Xylenes	ND	0.0250	1	07/22/24	07/23/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.1 %	70-130		07/22/24	07/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2430010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/24	07/23/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	107 %	70-130		07/22/24	07/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2430003	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/22/24	07/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/22/24	07/23/24	
<i>Surrogate: n-Nonane</i>						
	105 %	50-200		07/22/24	07/23/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2430013	
Chloride	ND	20.0	1	07/22/24	07/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Big N Tasty #51 H	Reported: 7/25/2024 7:11:28AM
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

HD1-6'  
E407160-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2430010	
Benzene	ND	0.0250	1	07/22/24	07/23/24	
Ethylbenzene	ND	0.0250	1	07/22/24	07/23/24	
Toluene	ND	0.0250	1	07/22/24	07/23/24	
o-Xylene	ND	0.0250	1	07/22/24	07/23/24	
p,m-Xylene	ND	0.0500	1	07/22/24	07/23/24	
Total Xylenes	ND	0.0250	1	07/22/24	07/23/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.0 %	70-130		07/22/24	07/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2430010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/24	07/23/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	108 %	70-130		07/22/24	07/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2430003	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/22/24	07/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/22/24	07/23/24	
<i>Surrogate: n-Nonane</i>						
	112 %	50-200		07/22/24	07/23/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2430013	
Chloride	ND	20.0	1	07/22/24	07/22/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Big N Tasty #51 H	Reported: 7/25/2024 7:11:28AM
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

HD2-4'

E407160-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2430010	
Benzene	ND	0.0250	1	07/22/24	07/23/24	
Ethylbenzene	ND	0.0250	1	07/22/24	07/23/24	
Toluene	ND	0.0250	1	07/22/24	07/23/24	
o-Xylene	ND	0.0250	1	07/22/24	07/23/24	
p,m-Xylene	ND	0.0500	1	07/22/24	07/23/24	
Total Xylenes	ND	0.0250	1	07/22/24	07/23/24	
Surrogate: 4-Bromochlorobenzene-PID	95.5 %	70-130		07/22/24	07/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2430010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/24	07/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	106 %	70-130		07/22/24	07/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2430003	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/22/24	07/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/22/24	07/24/24	
Surrogate: n-Nonane	108 %	50-200		07/22/24	07/24/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: WF		Batch: 2430013	
Chloride	ND	20.0	1	07/22/24	07/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Big N Tasty #51 H	<b>Reported:</b> 7/25/2024 7:11:28AM
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

HD2-6'

E407160-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2430010	
Benzene	ND	0.0250	1	07/22/24	07/23/24	
Ethylbenzene	ND	0.0250	1	07/22/24	07/23/24	
Toluene	ND	0.0250	1	07/22/24	07/23/24	
o-Xylene	ND	0.0250	1	07/22/24	07/23/24	
p,m-Xylene	ND	0.0500	1	07/22/24	07/23/24	
Total Xylenes	ND	0.0250	1	07/22/24	07/23/24	
Surrogate: 4-Bromochlorobenzene-PID	93.8 %	70-130		07/22/24	07/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2430010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/24	07/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	106 %	70-130		07/22/24	07/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2430003	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/22/24	07/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/22/24	07/24/24	
Surrogate: n-Nonane	108 %	50-200		07/22/24	07/24/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: WF		Batch: 2430013	
Chloride	ND	20.0	1	07/22/24	07/22/24	



## Sample Data

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

Project Name: Big N Tasty #51 H  
Project Number: 21068-0001  
Project Manager: Gio Gomez

**Reported:**  
7/25/2024 7:11:28AM

HD3-4'

E407160-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2430010	
Benzene	ND	0.0250	1	07/22/24	07/23/24	
Ethylbenzene	ND	0.0250	1	07/22/24	07/23/24	
Toluene	ND	0.0250	1	07/22/24	07/23/24	
o-Xylene	ND	0.0250	1	07/22/24	07/23/24	
p,m-Xylene	ND	0.0500	1	07/22/24	07/23/24	
Total Xylenes	ND	0.0250	1	07/22/24	07/23/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.7 %	70-130		07/22/24	07/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2430010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/24	07/23/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	106 %	70-130		07/22/24	07/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2430003	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/22/24	07/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/22/24	07/24/24	
<i>Surrogate: n-Nonane</i>						
	109 %	50-200		07/22/24	07/24/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2430013	
Chloride	ND	20.0	1	07/22/24	07/22/24	





## Sample Data

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

Project Name: Big N Tasty #51 H  
Project Number: 21068-0001  
Project Manager: Gio Gomez

**Reported:**  
7/25/2024 7:11:28AM

## HD3-6'

## E407160-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2430010	
Benzene	ND	0.0250	1	07/22/24	07/23/24	
Ethylbenzene	ND	0.0250	1	07/22/24	07/23/24	
Toluene	ND	0.0250	1	07/22/24	07/23/24	
o-Xylene	ND	0.0250	1	07/22/24	07/23/24	
p,m-Xylene	ND	0.0500	1	07/22/24	07/23/24	
Total Xylenes	ND	0.0250	1	07/22/24	07/23/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.0 %	70-130		07/22/24	07/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2430010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/24	07/23/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	106 %	70-130		07/22/24	07/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2430003	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/22/24	07/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/22/24	07/24/24	
<i>Surrogate: n-Nonane</i>						
	109 %	50-200		07/22/24	07/24/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2430013	
Chloride	ND	20.0	1	07/22/24	07/22/24	



## Sample Data

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

Project Name: Big N Tasty #51 H  
Project Number: 21068-0001  
Project Manager: Gio Gomez

**Reported:**  
7/25/2024 7:11:28AM

## HD4-4'

## E407160-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2430010	
Benzene	ND	0.0250	1	07/22/24	07/23/24	
Ethylbenzene	ND	0.0250	1	07/22/24	07/23/24	
Toluene	ND	0.0250	1	07/22/24	07/23/24	
o-Xylene	ND	0.0250	1	07/22/24	07/23/24	
p,m-Xylene	ND	0.0500	1	07/22/24	07/23/24	
Total Xylenes	ND	0.0250	1	07/22/24	07/23/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.5 %	70-130		07/22/24	07/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2430010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/24	07/23/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	107 %	70-130		07/22/24	07/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2430003	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/22/24	07/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/22/24	07/24/24	
<i>Surrogate: n-Nonane</i>						
	110 %	50-200		07/22/24	07/24/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2430013	
Chloride	ND	20.0	1	07/22/24	07/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Big N Tasty #51 H	Reported: 7/25/2024 7:11:28AM
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

HD4-6'  
E407160-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2430010	
Benzene	ND	0.0250	1	07/22/24	07/23/24	
Ethylbenzene	ND	0.0250	1	07/22/24	07/23/24	
Toluene	ND	0.0250	1	07/22/24	07/23/24	
o-Xylene	ND	0.0250	1	07/22/24	07/23/24	
p,m-Xylene	ND	0.0500	1	07/22/24	07/23/24	
Total Xylenes	ND	0.0250	1	07/22/24	07/23/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.5 %	70-130		07/22/24	07/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2430010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/24	07/23/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	106 %	70-130		07/22/24	07/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2430003	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/22/24	07/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/22/24	07/24/24	
<i>Surrogate: n-Nonane</i>						
	105 %	50-200		07/22/24	07/24/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2430013	
Chloride	ND	20.0	1	07/22/24	07/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Big N Tasty #51 H	<b>Reported:</b> 7/25/2024 7:11:28AM
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

HD5-4'

E407160-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2430010	
Benzene	ND	0.0250	1	07/22/24	07/23/24	
Ethylbenzene	ND	0.0250	1	07/22/24	07/23/24	
Toluene	ND	0.0250	1	07/22/24	07/23/24	
o-Xylene	ND	0.0250	1	07/22/24	07/23/24	
p,m-Xylene	ND	0.0500	1	07/22/24	07/23/24	
Total Xylenes	ND	0.0250	1	07/22/24	07/23/24	
Surrogate: 4-Bromochlorobenzene-PID	94.5 %	70-130		07/22/24	07/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2430010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/24	07/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	106 %	70-130		07/22/24	07/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2430003	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/22/24	07/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/22/24	07/24/24	
Surrogate: n-Nonane	101 %	50-200		07/22/24	07/24/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: WF		Batch: 2430013	
Chloride	ND	20.0	1	07/22/24	07/22/24	





## Sample Data

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

Project Name: Big N Tasty #51 H  
Project Number: 21068-0001  
Project Manager: Gio Gomez

**Reported:**  
7/25/2024 7:11:28AM

## HD5-6'

## E407160-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2430010	
Benzene	ND	0.0250	1	07/22/24	07/23/24	
Ethylbenzene	ND	0.0250	1	07/22/24	07/23/24	
Toluene	ND	0.0250	1	07/22/24	07/23/24	
o-Xylene	ND	0.0250	1	07/22/24	07/23/24	
p,m-Xylene	ND	0.0500	1	07/22/24	07/23/24	
Total Xylenes	ND	0.0250	1	07/22/24	07/23/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.8 %	70-130		07/22/24	07/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2430010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/24	07/23/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	106 %	70-130		07/22/24	07/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2430003	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/22/24	07/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/22/24	07/24/24	
<i>Surrogate: n-Nonane</i>						
	107 %	50-200		07/22/24	07/24/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2430013	
Chloride	ND	20.0	1	07/22/24	07/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Big N Tasty #51 H	<b>Reported:</b> 7/25/2024 7:11:28AM
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

HD6-4'

E407160-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2430010	
Benzene	ND	0.0250	1	07/22/24	07/23/24	
Ethylbenzene	ND	0.0250	1	07/22/24	07/23/24	
Toluene	ND	0.0250	1	07/22/24	07/23/24	
o-Xylene	ND	0.0250	1	07/22/24	07/23/24	
p,m-Xylene	ND	0.0500	1	07/22/24	07/23/24	
Total Xylenes	ND	0.0250	1	07/22/24	07/23/24	
Surrogate: 4-Bromochlorobenzene-PID	93.1 %	70-130		07/22/24	07/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2430010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/24	07/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	107 %	70-130		07/22/24	07/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2430003	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/22/24	07/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/22/24	07/24/24	
Surrogate: n-Nonane	108 %	50-200		07/22/24	07/24/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: WF		Batch: 2430013	
Chloride	ND	20.0	1	07/22/24	07/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Big N Tasty #51 H	<b>Reported:</b> 7/25/2024 7:11:28AM
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

HD6-6'

E407160-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2430010	
Benzene	ND	0.0250	1	07/22/24	07/23/24	
Ethylbenzene	ND	0.0250	1	07/22/24	07/23/24	
Toluene	ND	0.0250	1	07/22/24	07/23/24	
o-Xylene	ND	0.0250	1	07/22/24	07/23/24	
p,m-Xylene	ND	0.0500	1	07/22/24	07/23/24	
Total Xylenes	ND	0.0250	1	07/22/24	07/23/24	
Surrogate: 4-Bromochlorobenzene-PID	93.1 %	70-130		07/22/24	07/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2430010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/24	07/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	106 %	70-130		07/22/24	07/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2430003	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/22/24	07/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/22/24	07/24/24	
Surrogate: n-Nonane	108 %	50-200		07/22/24	07/24/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: WF		Batch: 2430013	
Chloride	ND	20.0	1	07/22/24	07/22/24	



## Sample Data

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

Project Name: Big N Tasty #51 H  
Project Number: 21068-0001  
Project Manager: Gio Gomez

**Reported:**  
7/25/2024 7:11:28AM

HD7-4'

E407160-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2430010	
Benzene	ND	0.0250	1	07/22/24	07/23/24	
Ethylbenzene	ND	0.0250	1	07/22/24	07/23/24	
Toluene	ND	0.0250	1	07/22/24	07/23/24	
o-Xylene	ND	0.0250	1	07/22/24	07/23/24	
p,m-Xylene	ND	0.0500	1	07/22/24	07/23/24	
Total Xylenes	ND	0.0250	1	07/22/24	07/23/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.1 %	70-130		07/22/24	07/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2430010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/24	07/23/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	106 %	70-130		07/22/24	07/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2430003	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/22/24	07/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/22/24	07/24/24	
<i>Surrogate: n-Nonane</i>						
	106 %	50-200		07/22/24	07/24/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2430013	
Chloride	ND	20.0	1	07/22/24	07/22/24	





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Big N Tasty #51 H	Reported:  7/25/2024 7:11:28AM
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2430010-BLK1)

Prepared: 07/22/24 Analyzed: 07/22/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.47		8.00		93.4	70-130			

LCS (2430010-BS1)

Prepared: 07/22/24 Analyzed: 07/23/24

Benzene	5.54	0.0250	5.00		111	70-130			
Ethylbenzene	5.12	0.0250	5.00		102	70-130			
Toluene	5.42	0.0250	5.00		108	70-130			
o-Xylene	5.25	0.0250	5.00		105	70-130			
p,m-Xylene	10.5	0.0500	10.0		105	70-130			
Total Xylenes	15.8	0.0250	15.0		105	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.46		8.00		93.3	70-130			

Matrix Spike (2430010-MS1)

Source: E407160-03

Prepared: 07/22/24 Analyzed: 07/23/24

Benzene	4.87	0.0250	5.00	ND	97.3	54-133			
Ethylbenzene	4.56	0.0250	5.00	ND	91.1	61-133			
Toluene	4.79	0.0250	5.00	ND	95.8	61-130			
o-Xylene	4.66	0.0250	5.00	ND	93.2	63-131			
p,m-Xylene	9.37	0.0500	10.0	ND	93.7	63-131			
Total Xylenes	14.0	0.0250	15.0	ND	93.5	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.64		8.00		95.5	70-130			

Matrix Spike Dup (2430010-MSD1)

Source: E407160-03

Prepared: 07/22/24 Analyzed: 07/23/24

Benzene	5.12	0.0250	5.00	ND	102	54-133	5.02	20	
Ethylbenzene	4.77	0.0250	5.00	ND	95.4	61-133	4.59	20	
Toluene	5.02	0.0250	5.00	ND	100	61-130	4.76	20	
o-Xylene	4.90	0.0250	5.00	ND	97.9	63-131	4.88	20	
p,m-Xylene	9.81	0.0500	10.0	ND	98.1	63-131	4.56	20	
Total Xylenes	14.7	0.0250	15.0	ND	98.0	63-131	4.67	20	
Surrogate: 4-Bromochlorobenzene-PID	7.69		8.00		96.1	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Big N Tasty #51 H	Reported:
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/25/2024 7:11:28AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2430010-BLK1) Prepared: 07/22/24 Analyzed: 07/22/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.55		8.00		107	70-130			

LCS (2430010-BS2) Prepared: 07/22/24 Analyzed: 07/23/24

Gasoline Range Organics (C6-C10)	46.0	20.0	50.0		92.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.56		8.00		107	70-130			

Matrix Spike (2430010-MS2) Source: E407160-03 Prepared: 07/22/24 Analyzed: 07/23/24

Gasoline Range Organics (C6-C10)	42.3	20.0	50.0	ND	84.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.67		8.00		108	70-130			

Matrix Spike Dup (2430010-MSD2) Source: E407160-03 Prepared: 07/22/24 Analyzed: 07/23/24

Gasoline Range Organics (C6-C10)	45.5	20.0	50.0	ND	90.9	70-130	7.08	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.64		8.00		108	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Big N Tasty #51 H	Reported:
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/25/2024 7:11:28AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2430003-BLK1)	Prepared: 07/22/24 Analyzed: 07/23/24								
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	55.6		50.0		111	50-200			

LCS (2430003-BS1)	Prepared: 07/22/24 Analyzed: 07/23/24								
Diesel Range Organics (C10-C28)	232	25.0	250		92.7	38-132			
Surrogate: n-Nonane	55.9		50.0		112	50-200			

Matrix Spike (2430003-MS1)				Source: E407160-06	Prepared: 07/22/24 Analyzed: 07/23/24				
Diesel Range Organics (C10-C28)	261	25.0	250	31.0	91.8	38-132			
Surrogate: n-Nonane	56.2		50.0		112	50-200			

Matrix Spike Dup (2430003-MSD1)				Source: E407160-06	Prepared: 07/22/24 Analyzed: 07/23/24				
Diesel Range Organics (C10-C28)	269	25.0	250	31.0	95.3	38-132	3.26	20	
Surrogate: n-Nonane	57.5		50.0		115	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Big N Tasty #51 H	Reported:
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/25/2024 7:11:28AM

Anions by EPA 300.0/9056A

Analyst: WF

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

Blank (2430013-BLK1)					Prepared: 07/22/24 Analyzed: 07/22/24				
Chloride	ND	20.0							
LCS (2430013-BS1)					Prepared: 07/22/24 Analyzed: 07/22/24				
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2430013-MS1)					Source: E407160-03		Prepared: 07/22/24 Analyzed: 07/22/24		
Chloride	257	20.0	250	ND	103	80-120			
Matrix Spike Dup (2430013-MSD1)					Source: E407160-03		Prepared: 07/22/24 Analyzed: 07/22/24		
Chloride	265	20.0	250	ND	106	80-120	2.98	20	

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





Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Big N Tasty #51 H	
PO Box 247	Project Number:	21068-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	07/25/24 07:11

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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

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



## Project Information

## Chain of Custody

Page 3 of 6

Client: Pima Environmental Services					Bill To		Lab Use Only				TAT				EPA Program	
Project: <u>Big Nasty #51 H</u>					Attention: <u>Spur</u>		Lab WO# <u>E407160</u>		Job Number <u>21068-0001</u>		1D	2D	3D	Standard	CWA	SDWA
Project Manager: <u>Gio Gomez</u>					Address:		Analysis and Method								RCRA	
Address: <u>5614 N. Lovington Hwy.</u>					City, State, Zip										State	
City, State, Zip <u>Hobbs, NM, 88240</u>					Phone:		DRO/ORO by 8015		GRO/DRO by 8015		BTEX by 8021		VOC by 8260		Metals 6010	
Phone: <u>806-782-1151</u>					Email:		Chloride 300.0				BGDOC NM		BGDOC TX			
Email: <u>gio@pimaoil.com</u>					Pima Project # <u>6-332</u>											
Report due by:																
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks										
10:58	7/17	S		V7-4'	1	X										
10:11				V8-6"	2											
11:21				V8-2'	3											
11:28				V8-4'	4											
11:33				V9-6"	5											
11:39				V9-2'	6											
11:45				V9-4'	7											
11:56				HD1-4'	8											
12:11				HD1-6'	9											
12:20				HD2-4'	10											
Additional Instructions: <u>Billing #7010-4710 CC.14046</u>																
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.										Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.						
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only								
<u>Carime Adams</u>		<u>7/19/24</u>	<u>1:50</u>	<u>Michelle Gonzales</u>		<u>7-19-24</u>	<u>1350</u>	Received on ice: <u>Y</u> / N								
<u>Michelle Gonzales</u>		<u>7-19-24</u>	<u>1600</u>	<u>J.M.</u>		<u>7-19-24</u>	<u>1630</u>	T1 _____ T2 _____ T3 _____								
<u>J.M.</u>		<u>7-19-24</u>	<u>2245</u>	<u>[Signature]</u>		<u>7-22-24</u>	<u>0830</u>	AVG Temp °C <u>4</u>								
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA						
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																



## Project Information

## Chain of Custody

Page 4 of 6

Client: Pima Environmental Services					Bill To		Lab Use Only		TAT				EPA Program			
Project: <u>Big N Tasty #51 H</u>					Attention: <u>Spur</u>		Lab WO# <u>E407160</u>		Job Number <u>21048-0001</u>		1D	2D	3D	Standard	CWA	SDWA
Project Manager: <u>Gio Gomez</u>					Address:		Analysis and Method									
Address: <u>5614 N. Lovington Hwy.</u>					City, State, Zip		DRO/ORO by 8015		GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	RCRA
City, State, Zip <u>Hobbs, NM, 88240</u>					Phone:											
Phone: <u>806-782-1151</u>					Email:											
Email: <u>gio@pimaoil.com</u>					Pima Project # <u>6-332</u>											
Report due by:																
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	State										
						NM	CO	UT	AZ	TX	Remarks					
12:24	7/17	S		HD2-6'	11											
12:30				HD3-4'	12											
12:33				HD3-6'	13											
12:38				HD4-4'	14											
12:43				HD4-6'	15											
12:51				HD5-4'	16											
1:00				HD5-6'	17											
1:11				HD6-4'	18											
1:16				HD6-6'	19											
1:20				HD7-4'	20											
Additional Instructions: <u>Billing # 7010-4710 CC.14046</u>																
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.											Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.					
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only								
<u>Karine Adams</u>		<u>7/19/24</u>	<u>1:50</u>	<u>Michelle Gonzales</u>		<u>7-19-24</u>	<u>1350</u>	Received on ice: <u>Y</u> / N								
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 _____ T2 _____ T3 _____								
<u>Michelle Gonzales</u>		<u>7-19-24</u>	<u>1600</u>	<u>A.M.</u>		<u>7-19-24</u>	<u>1630</u>									
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C <u>4</u>								
<u>A.M.</u>		<u>7-19-24</u>	<u>2245</u>	<u>Sob</u>		<u>7-22-24</u>	<u>0830</u>									
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other											Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA					
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																

## Envirotech Analytical Laboratory

Printed: 7/22/2024 9:37:39AM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	07/22/24 08:30	Work Order ID:	E407160
Phone:	(575) 631-6977	Date Logged In:	07/19/24 14:48	Logged In By:	Alexa Michaels
Email:	gio@pimaoil.com	Due Date:	07/26/24 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

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

Carrier: CouierComments/Resolution

Big N Tosty #51 H has been separated into multiple reports due to high sample volume. WO are E407159-E407161. No. of containers and sampled by is not listed on the COC by client.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.





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

---

November 20, 2024

SEBASTIAN OROZCO

PIMA ENVIROMENTAL

1601 N TURNER STE. 500

HOBBS, NM 88240

RE: BIG N' TASTY 51 H

Enclosed are the results of analyses for samples received by the laboratory on 11/14/24 12:31.

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](http://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".

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

PIMA ENVIROMENTAL  
SEBASTIAN OROZCO  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 11/14/2024  
Reported: 11/20/2024  
Project Name: BIG N' TASTY 51 H  
Project Number: 6-332  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 11/13/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shari Cisneros

**Sample ID: CS 1 (H246969-01)**

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	11/16/2024	ND	2.07	103	2.00	4.76	
Toluene*	<0.050	0.050	11/16/2024	ND	2.14	107	2.00	4.18	
Ethylbenzene*	<0.050	0.050	11/16/2024	ND	2.13	106	2.00	3.42	
Total Xylenes*	<0.150	0.150	11/16/2024	ND	6.32	105	6.00	3.59	
Total BTX	<0.300	0.300	11/16/2024	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	160	16.0	11/15/2024	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	11/15/2024	ND	188	93.9	200	6.59	
DRO >C10-C28*	<10.0	10.0	11/15/2024	ND	177	88.6	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	11/15/2024	ND					

Surrogate: 1-Chlorooctane 82.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.0 % 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

**Analytical Results For:**

PIMA ENVIROMENTAL  
SEBASTIAN OROZCO  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 11/14/2024  
Reported: 11/20/2024  
Project Name: BIG N' TASTY 51 H  
Project Number: 6-332  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 11/13/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shari Cisneros

**Sample ID: CS 2 (H246969-02)**

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	11/16/2024	ND	2.07	103	2.00	4.76	
Toluene*	<0.050	0.050	11/16/2024	ND	2.14	107	2.00	4.18	
Ethylbenzene*	<0.050	0.050	11/16/2024	ND	2.13	106	2.00	3.42	
Total Xylenes*	<0.150	0.150	11/16/2024	ND	6.32	105	6.00	3.59	
Total BTEx	<0.300	0.300	11/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	384	16.0	11/18/2024	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	11/15/2024	ND	188	93.9	200	6.59	
DRO >C10-C28*	<10.0	10.0	11/15/2024	ND	177	88.6	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	11/15/2024	ND					

Surrogate: 1-Chlorooctane 80.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.5 % 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

**Analytical Results For:**

PIMA ENVIROMENTAL  
SEBASTIAN OROZCO  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 11/14/2024  
Reported: 11/20/2024  
Project Name: BIG N' TASTY 51 H  
Project Number: 6-332  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 11/13/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shari Cisneros

**Sample ID: CS 3 (H246969-03)**

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	11/16/2024	ND	2.07	103	2.00	4.76	
Toluene*	<0.050	0.050	11/16/2024	ND	2.14	107	2.00	4.18	
Ethylbenzene*	<0.050	0.050	11/16/2024	ND	2.13	106	2.00	3.42	
Total Xylenes*	<0.150	0.150	11/16/2024	ND	6.32	105	6.00	3.59	
Total BTEX	<0.300	0.300	11/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	3240	16.0	11/18/2024	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	11/15/2024	ND	188	93.9	200	6.59	
DRO >C10-C28*	185	10.0	11/15/2024	ND	177	88.6	200	2.18	
EXT DRO >C28-C36	37.4	10.0	11/15/2024	ND					

Surrogate: 1-Chlorooctane 80.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.6 % 49.1-148

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\*=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:**

PIMA ENVIROMENTAL  
SEBASTIAN OROZCO  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 11/14/2024  
Reported: 11/20/2024  
Project Name: BIG N' TASTY 51 H  
Project Number: 6-332  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 11/13/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shari Cisneros

**Sample ID: CS 4 (H246969-04)**

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	11/16/2024	ND	2.07	103	2.00	4.76	
Toluene*	<0.050	0.050	11/16/2024	ND	2.14	107	2.00	4.18	
Ethylbenzene*	<0.050	0.050	11/16/2024	ND	2.13	106	2.00	3.42	
Total Xylenes*	<0.150	0.150	11/16/2024	ND	6.32	105	6.00	3.59	
Total BTEX	<0.300	0.300	11/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	784	16.0	11/18/2024	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	11/15/2024	ND	188	93.9	200	6.59	
DRO >C10-C28*	285	10.0	11/15/2024	ND	177	88.6	200	2.18	
EXT DRO >C28-C36	62.4	10.0	11/15/2024	ND					

Surrogate: 1-Chlorooctane 84.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PIMA ENVIROMENTAL  
SEBASTIAN OROZCO  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 11/14/2024  
Reported: 11/20/2024  
Project Name: BIG N' TASTY 51 H  
Project Number: 6-332  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 11/13/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shari Cisneros

**Sample ID: CS 5 (H246969-05)**

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	11/16/2024	ND	2.07	103	2.00	4.76	
Toluene*	<0.050	0.050	11/16/2024	ND	2.14	107	2.00	4.18	
Ethylbenzene*	<0.050	0.050	11/16/2024	ND	2.13	106	2.00	3.42	
Total Xylenes*	<0.150	0.150	11/16/2024	ND	6.32	105	6.00	3.59	
Total BTEx	<0.300	0.300	11/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	208	16.0	11/18/2024	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	11/15/2024	ND	218	109	200	4.17	
DRO >C10-C28*	<10.0	10.0	11/15/2024	ND	220	110	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	11/15/2024	ND					

Surrogate: 1-Chlorooctane 84.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.2 % 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

**Analytical Results For:**

PIMA ENVIROMENTAL  
SEBASTIAN OROZCO  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 11/14/2024  
Reported: 11/20/2024  
Project Name: BIG N' TASTY 51 H  
Project Number: 6-332  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 11/13/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shari Cisneros

**Sample ID: CS 6 (H246969-06)**

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	11/16/2024	ND	2.07	103	2.00	4.76	
Toluene*	<0.050	0.050	11/16/2024	ND	2.14	107	2.00	4.18	
Ethylbenzene*	<0.050	0.050	11/16/2024	ND	2.13	106	2.00	3.42	
Total Xylenes*	<0.150	0.150	11/16/2024	ND	6.32	105	6.00	3.59	
Total BTEX	<0.300	0.300	11/16/2024	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	32.0	16.0	11/18/2024	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	11/15/2024	ND	218	109	200	4.17	
DRO >C10-C28*	<10.0	10.0	11/15/2024	ND	220	110	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	11/15/2024	ND					

Surrogate: 1-Chlorooctane 94.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 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

**Analytical Results For:**

PIMA ENVIROMENTAL  
SEBASTIAN OROZCO  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 11/14/2024  
Reported: 11/20/2024  
Project Name: BIG N' TASTY 51 H  
Project Number: 6-332  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 11/13/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shari Cisneros

**Sample ID: CS 7 (H246969-07)**

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	11/16/2024	ND	2.07	103	2.00	4.76	
Toluene*	<0.050	0.050	11/16/2024	ND	2.14	107	2.00	4.18	
Ethylbenzene*	<0.050	0.050	11/16/2024	ND	2.13	106	2.00	3.42	
Total Xylenes*	<0.150	0.150	11/16/2024	ND	6.32	105	6.00	3.59	
Total BTEx	<0.300	0.300	11/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	16.0	16.0	11/18/2024	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	11/15/2024	ND	218	109	200	4.17	
DRO >C10-C28*	<10.0	10.0	11/15/2024	ND	220	110	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	11/15/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

PIMA ENVIROMENTAL  
SEBASTIAN OROZCO  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 11/14/2024  
Reported: 11/20/2024  
Project Name: BIG N' TASTY 51 H  
Project Number: 6-332  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 11/13/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shari Cisneros

**Sample ID: CS 8 (H246969-08)**

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	11/16/2024	ND	2.07	103	2.00	4.76	
Toluene*	<0.050	0.050	11/16/2024	ND	2.14	107	2.00	4.18	
Ethylbenzene*	<0.050	0.050	11/16/2024	ND	2.13	106	2.00	3.42	
Total Xylenes*	<0.150	0.150	11/16/2024	ND	6.32	105	6.00	3.59	
Total BTEX	<0.300	0.300	11/16/2024	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	11/18/2024	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	11/15/2024	ND	218	109	200	4.17	
DRO >C10-C28*	84.7	10.0	11/15/2024	ND	220	110	200	3.87	
EXT DRO >C28-C36	16.4	10.0	11/15/2024	ND					

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PIMA ENVIROMENTAL  
SEBASTIAN OROZCO  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 11/14/2024  
Reported: 11/20/2024  
Project Name: BIG N' TASTY 51 H  
Project Number: 6-332  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 11/13/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shari Cisneros

**Sample ID: CS 9 (H246969-09)**

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	11/16/2024	ND	2.07	103	2.00	4.76	
Toluene*	<0.050	0.050	11/16/2024	ND	2.14	107	2.00	4.18	
Ethylbenzene*	<0.050	0.050	11/16/2024	ND	2.13	106	2.00	3.42	
Total Xylenes*	<0.150	0.150	11/16/2024	ND	6.32	105	6.00	3.59	
Total BTEX	<0.300	0.300	11/16/2024	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	11/18/2024	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	11/15/2024	ND	218	109	200	4.17	
DRO >C10-C28*	<10.0	10.0	11/15/2024	ND	220	110	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	11/15/2024	ND					

Surrogate: 1-Chlorooctane 90.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PIMA ENVIROMENTAL  
SEBASTIAN OROZCO  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 11/14/2024  
Reported: 11/20/2024  
Project Name: BIG N' TASTY 51 H  
Project Number: 6-332  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 11/13/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shari Cisneros

**Sample ID: CSW 1 (H246969-10)**

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	11/16/2024	ND	2.07	103	2.00	4.76		
Toluene*	<0.050	0.050	11/16/2024	ND	2.14	107	2.00	4.18		
Ethylbenzene*	<0.050	0.050	11/16/2024	ND	2.13	106	2.00	3.42		
Total Xylenes*	<0.150	0.150	11/16/2024	ND	6.32	105	6.00	3.59		
Total BTEX	<0.300	0.300	11/16/2024	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	11/18/2024	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	11/15/2024	ND	218	109	200	4.17	
DRO >C10-C28*	<10.0	10.0	11/15/2024	ND	220	110	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	11/15/2024	ND					

Surrogate: 1-Chlorooctane 94.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PIMA ENVIROMENTAL  
SEBASTIAN OROZCO  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 11/14/2024  
Reported: 11/20/2024  
Project Name: BIG N' TASTY 51 H  
Project Number: 6-332  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 11/13/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shari Cisneros

**Sample ID: CSW 2 (H246969-11)**

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	11/16/2024	ND	2.07	103	2.00	4.76	
Toluene*	<0.050	0.050	11/16/2024	ND	2.14	107	2.00	4.18	
Ethylbenzene*	<0.050	0.050	11/16/2024	ND	2.13	106	2.00	3.42	
Total Xylenes*	<0.150	0.150	11/16/2024	ND	6.32	105	6.00	3.59	
Total BTEX	<0.300	0.300	11/16/2024	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	32.0	16.0	11/18/2024	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	11/15/2024	ND	218	109	200	4.17	
DRO >C10-C28*	<10.0	10.0	11/15/2024	ND	220	110	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	11/15/2024	ND					

Surrogate: 1-Chlorooctane 90.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

PIMA ENVIROMENTAL  
SEBASTIAN OROZCO  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 11/14/2024  
Reported: 11/20/2024  
Project Name: BIG N' TASTY 51 H  
Project Number: 6-332  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 11/13/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shari Cisneros

**Sample ID: CSW 3 (H246969-12)**

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	11/16/2024	ND	2.07	103	2.00	4.76	
Toluene*	<0.050	0.050	11/16/2024	ND	2.14	107	2.00	4.18	
Ethylbenzene*	<0.050	0.050	11/16/2024	ND	2.13	106	2.00	3.42	
Total Xylenes*	<0.150	0.150	11/16/2024	ND	6.32	105	6.00	3.59	
Total BTEX	<0.300	0.300	11/16/2024	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	32.0	16.0	11/18/2024	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	11/15/2024	ND	218	109	200	4.17	
DRO >C10-C28*	<10.0	10.0	11/15/2024	ND	220	110	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	11/15/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PIMA ENVIROMENTAL  
SEBASTIAN OROZCO  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 11/14/2024  
Reported: 11/20/2024  
Project Name: BIG N' TASTY 51 H  
Project Number: 6-332  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 11/13/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shari Cisneros

**Sample ID: CSW 4 (H246969-13)**

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	11/16/2024	ND	2.07	103	2.00	4.76	
Toluene*	<0.050	0.050	11/16/2024	ND	2.14	107	2.00	4.18	
Ethylbenzene*	<0.050	0.050	11/16/2024	ND	2.13	106	2.00	3.42	
Total Xylenes*	<0.150	0.150	11/16/2024	ND	6.32	105	6.00	3.59	
Total BTEX	<0.300	0.300	11/16/2024	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	32.0	16.0	11/18/2024	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	11/15/2024	ND	218	109	200	4.17	
DRO >C10-C28*	<10.0	10.0	11/15/2024	ND	220	110	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	11/15/2024	ND					

Surrogate: 1-Chlorooctane 87.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PIMA ENVIROMENTAL  
SEBASTIAN OROZCO  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 11/14/2024  
Reported: 11/20/2024  
Project Name: BIG N' TASTY 51 H  
Project Number: 6-332  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 11/13/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shari Cisneros

**Sample ID: CSW 5 (H246969-14)**

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	11/16/2024	ND	2.07	103	2.00	4.76		
Toluene*	<0.050	0.050	11/16/2024	ND	2.14	107	2.00	4.18		
Ethylbenzene*	<0.050	0.050	11/16/2024	ND	2.13	106	2.00	3.42		
Total Xylenes*	<0.150	0.150	11/16/2024	ND	6.32	105	6.00	3.59		
Total BTEX	<0.300	0.300	11/16/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	11/18/2024	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	11/15/2024	ND	218	109	200	4.17	
DRO >C10-C28*	<10.0	10.0	11/15/2024	ND	220	110	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	11/15/2024	ND					

Surrogate: 1-Chlorooctane 90.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

PIMA ENVIROMENTAL  
SEBASTIAN OROZCO  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 11/14/2024  
Reported: 11/20/2024  
Project Name: BIG N' TASTY 51 H  
Project Number: 6-332  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 11/13/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shari Cisneros

**Sample ID: CSW 6 (H246969-15)**

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	11/16/2024	ND	2.07	103	2.00	4.76	
Toluene*	<0.050	0.050	11/16/2024	ND	2.14	107	2.00	4.18	
Ethylbenzene*	<0.050	0.050	11/16/2024	ND	2.13	106	2.00	3.42	
Total Xylenes*	<0.150	0.150	11/16/2024	ND	6.32	105	6.00	3.59	
Total BTEX	<0.300	0.300	11/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	11/18/2024	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	11/15/2024	ND	218	109	200	4.17	
DRO >C10-C28*	<10.0	10.0	11/15/2024	ND	220	110	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	11/15/2024	ND					

Surrogate: 1-Chlorooctane 81.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.3 % 49.1-148

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\*=Accredited Analyte

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**Analytical Results For:**

PIMA ENVIROMENTAL  
SEBASTIAN OROZCO  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 11/14/2024  
Reported: 11/20/2024  
Project Name: BIG N' TASTY 51 H  
Project Number: 6-332  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 11/13/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shari Cisneros

**Sample ID: CSW 7 (H246969-16)**

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	11/16/2024	ND	2.07	103	2.00	4.76	
Toluene*	<0.050	0.050	11/16/2024	ND	2.14	107	2.00	4.18	
Ethylbenzene*	<0.050	0.050	11/16/2024	ND	2.13	106	2.00	3.42	
Total Xylenes*	<0.150	0.150	11/16/2024	ND	6.32	105	6.00	3.59	
Total BTEX	<0.300	0.300	11/16/2024	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	11/18/2024	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	11/15/2024	ND	218	109	200	4.17	
DRO >C10-C28*	<10.0	10.0	11/15/2024	ND	220	110	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	11/15/2024	ND					

Surrogate: 1-Chlorooctane 92.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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**Analytical Results For:**

PIMA ENVIROMENTAL  
SEBASTIAN OROZCO  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 11/14/2024  
Reported: 11/20/2024  
Project Name: BIG N' TASTY 51 H  
Project Number: 6-332  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 11/13/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shari Cisneros

**Sample ID: CSW 8 (H246969-17)**

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	11/16/2024	ND	2.07	103	2.00	4.76	
Toluene*	<0.050	0.050	11/16/2024	ND	2.14	107	2.00	4.18	
Ethylbenzene*	<0.050	0.050	11/16/2024	ND	2.13	106	2.00	3.42	
Total Xylenes*	<0.150	0.150	11/16/2024	ND	6.32	105	6.00	3.59	
Total BTEX	<0.300	0.300	11/16/2024	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	32.0	16.0	11/18/2024	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	11/15/2024	ND	218	109	200	4.17	
DRO >C10-C28*	<10.0	10.0	11/15/2024	ND	220	110	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	11/15/2024	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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**Analytical Results For:**

PIMA ENVIROMENTAL  
SEBASTIAN OROZCO  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 11/14/2024  
Reported: 11/20/2024  
Project Name: BIG N' TASTY 51 H  
Project Number: 6-332  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 11/13/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shari Cisneros

**Sample ID: CSW 9 (H246969-18)**

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	11/16/2024	ND	2.07	103	2.00	4.76	
Toluene*	<0.050	0.050	11/16/2024	ND	2.14	107	2.00	4.18	
Ethylbenzene*	<0.050	0.050	11/16/2024	ND	2.13	106	2.00	3.42	
Total Xylenes*	<0.150	0.150	11/16/2024	ND	6.32	105	6.00	3.59	
Total BTEX	<0.300	0.300	11/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	11/18/2024	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	11/15/2024	ND	218	109	200	4.17	
DRO >C10-C28*	<10.0	10.0	11/15/2024	ND	220	110	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	11/15/2024	ND					

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Notes and Definitions

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

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*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

<b>Company Name:</b> Prisma Environmental Services <b>Project Manager:</b> Sebastian Drowad <b>Address:</b> 5614 N. Lovington Hwy <b>City:</b> Hobbs <b>State:</b> NM <b>zip:</b> 88240 <b>Phone #:</b> 575-964-7740 <b>Fax #:</b> <b>Project #:</b> 6-332 <b>Project Owner:</b> Spur <b>Project Name:</b> Big N' Tasty SLH <b>Project Location:</b> Eddy County <b>Sample Name:</b> Nutsa boye				<b>P.O. #:</b> <b>Company:</b> Spur Energy <b>Address:</b> <b>City:</b> <b>State:</b> Zip: <b>Phone #:</b> <b>Fax #:</b>									
FOR LAB USE ONLY				BILL TO									
<b>Lab I.D.</b> AP-24 11/14/04 113469128				ANALYSIS REQUEST									
Sample I.D.				(G)RAB OR (C)OMP.		MATRIX		PRESERV.		SAMPLING			
				# CONTAINERS									
				GROUNDWATER		WASTEWATER		SOIL		OIL			
				SLUDGE									
				OTHER:		ACID/BASE:		ICE / COOL		OTHER:			
				DATE		TIME		BTEX		TPH		Chloride	
DATE		TIME											
				DATE		TIME		BTEX		TPH		Chloride	
				DATE		TIME							
				DATE		TIME		BTEX		TPH		Chloride	
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				DATE		TIME							
				DATE		TIME</							



## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

[illegible]

+ Cardinal cannot prevent verbal change. Place for written change in (RTK) 202-2228



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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 413364

QUESTIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 413364
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2419132456
Incident Name	NAPP2419132456 BIG N TASTY #51H @ 30-015-47696
Incident Type	Release Other
Incident Status	Remediation Closure Report Received
Incident Well	[30-015-47696] BIG N TASTY STATE COM #051H

Location of Release Source	
Please answer all the questions in this group.	
Site Name	BIG N TASTY #51H
Date Release Discovered	07/08/2024
Surface Owner	Federal

Incident Details	
Please answer all the questions in this group.	
Incident Type	Release Other
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   Well   Crude Oil   Released: 5 BBL   Recovered: 4 BBL   Lost: 1 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure   Well   Produced Water   Released: 17 BBL   Recovered: 16 BBL   Lost: 1 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
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)	PACKING FAILURE CAUSED A RELEASE OF OIL AND PRODUCED WATER TO LEAK ONTO WELL PAD

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**Oil Conservation Division**  
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QUESTIONS, Page 2

Action 413364

**QUESTIONS (continued)**

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 413364
	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	No
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	N/A

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: Katherine Purvis Title: EHS Coordinator Email: <a href="mailto:katherine.purvis@spurenergy.com">katherine.purvis@spurenergy.com</a> Date: 07/09/2024
--	---



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**Oil Conservation Division**  
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**Santa Fe, NM 87505**

QUESTIONS, Page 3

Action 413364

**QUESTIONS (continued)**

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID:
	328947
	Action Number:
	413364
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

**QUESTIONS****Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (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
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
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 ½ and 1 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Between 1 and 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**

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.

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)	3590.2
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	1293
GRO+DRO (EPA SW-846 Method 8015M)	3590
BTEX (EPA SW-846 Method 8021B or 8260B)	0.4
Benzene (EPA SW-846 Method 8021B or 8260B)	0

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.

On what estimated date will the remediation commence	11/11/2024
On what date will (or did) the final sampling or liner inspection occur	11/13/2024
On what date will (or was) the remediation complete(d)	11/13/2024
What is the estimated surface area (in square feet) that will be reclaimed	1800
What is the estimated volume (in cubic yards) that will be reclaimed	80
What is the estimated surface area (in square feet) that will be remediated	1800
What is the estimated volume (in cubic yards) that will be remediated	80

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.

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.

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**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

QUESTIONS, Page 4

Action 413364

**QUESTIONS (continued)**

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID:
	328947
	Action Number:
	413364
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

**QUESTIONS**

<b>Remediation Plan (continued)</b>	
<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>	
<b>This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:</b>	
(Select all answers below that apply.)	
(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	LEA LAND LANDFILL [fEEM0112342028]
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and <b>on-site</b> 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: Katherine Purvis Title: EHS Coordinator Email: <a href="mailto:katherine.purvis@spurenergy.com">katherine.purvis@spurenergy.com</a> Date: 12/18/2024
<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>	

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

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Action 413364

QUESTIONS (continued)

Operator:  Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID:  328947
	Action Number:  413364
	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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Action 413364

**QUESTIONS (continued)**

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID:
	328947
	Action Number:
	413364
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

**QUESTIONS**

Sampling Event Information	
Last sampling notification (C-141N) recorded	400970
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/13/2024
What was the (estimated) number of samples that were to be gathered	25
What was the sampling surface area in square feet	3200

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	1800
What was the total volume (cubic yards) remediated	80
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	1800
What was the total volume (in cubic yards) reclaimed	80
Summarize any additional remediation activities not included by answers (above)	RELEASE WAS CLEANED ACCORDING TO THE NMOC D SPILL RULE
<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: Katherine Purvis Title: EHS Coordinator Email: <a href="mailto:katherine.purvis@spurenergy.com">katherine.purvis@spurenergy.com</a> Date: 12/18/2024



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Action 413364

QUESTIONS (continued)

Operator:  Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID:  328947
	Action Number:  413364
	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 413364

CONDITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 413364
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
nvez	Remediation has met 19.15.29 NMAC requirements. Soil impacts exceeding the reclamation standards have been left in place and are required to meet 19.15.29.13D (1) NMAC once the site is no longer reasonably needed for production or subsequent drilling ops.	3/18/2025