



SITE CHARACTERIZATION & REMEDIATION PLAN

Site Information:

Turkey Track 11 State #001

Incident Number: nMLB0520736007

Unit C, Section 11, Township 19 South, Range 28 East

Eddy County, New Mexico

(32.680720, -104.149689)

Prepared For:

WPX Energy Permian, LLC

5315 Buena Vista Dr.

Carlsbad, NM 88220

SYNOPSIS

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of WPX Energy Permian, LLC (WPX), presents the following Site Characterization and Remediation Plan (SCRP) detailing delineation soil sampling activities, to address soil impacts from illegal dumping of fluids at the Turkey Track 11 State #001 (Site) (**Figure 1** in **Appendix A**). Based on laboratory analytical results, WPX proposes this SCR, which summarizes initial response efforts, sampling activities, and details remediation objectives to rectify environmental impacts.

SITE INFORMATION AND RELEASE BACKGROUND

On July 26, 2005, while the Site was under Dominion Oklahoma Texas Exploration & Production, Inc. (Dominion) operation, the New Mexico Oil Conservation Division (NMOCD) received notice via phone call that a JWS water truck was dumping fluids on CR 245. Records indicated that “the truck had left his well and opened a dump valve on location. Fluid was dumped to CR 235”. A Dominion representative was contacted following the reporting of the illegal dumping event, who indicated that “the truck had brought out a load of fresh water to load the wellbore to put [the] well back on production. [The] pump jack motor was being worked on at the time of this inspection.” An unknown volume of fluids was released, with no fluids reported to be recovered.

On December 31, 2006, ownership of the Site changed from Dominion to RKI Exploration & Production, LLC (RKI), which was later acquired by WPX. Following the release notice, the Site was transferred to WPX for ownership and operation and was subsequently plugged and abandoned. Based on limited details, WPX assumed that a full transport water truck load (approximately 120 barrels (bbls)) was released starting near the Site well, heading east to the access road, and continued south on CR 245 (Lindy Road) toward CR 235, hereafter called the Area of Concern (AOC). WPX reported the release to the NMOCD on a Corrective Action Form C-141 (Form C-141), which was received by the NMOCD on March 13, 2025, and assigned Incident Number nMLB0520736007.

NMSLO REGULATORY COMPLIANCE

The Site’s climate is mainly semi-arid to arid, characterized by low rainfall and abundant sunshine. According to the United States Department of Agriculture Conservation Service Natural Resources Conservation Service (USDA NRCS) Soil Survey, the soil profile includes Pajarito loamy fine sand (PA) on the reclaimed Site and access road CR235, as well as Simona gravelly fine sandy loam (SG) near the rest of the access road CR235. Both PA and SG soils have slopes ranging from 0 to 3 percent (**Figure 1D**). The soils at the Site vary from well-drained to excessively drained. Further soil details and ecological descriptions can be found in the complete USDA NRCS Soil Survey and NRCS Ecological Site Descriptions in **Appendix C**.

Based on a desktop review, the AOC is located on an active NMSLO (New Mexico State Land Office) oil and gas lease (X006480156), currently managed by Mewbourne Oil Co. (Mewbourne). Because WPX is no longer an authorized/active operator of wells on the subject active oil and gas lease, a Right-of-Entry (ROE) Permit to access or disturb soil on the reclaimed pad, access road, and pasture soils on either side of CR 245 was required. A ROE Permit was requested, approved, and assigned Right of Entry (RE) RE-7582 by NMSLO Commercial Resources Division.

Since a Remediation Closure Report was not submitted within 90 days of discovering the release, a Delineation Sampling Plan (DSP) was submitted to the NMSLO for review and approval on January 12, 2025. This plan detailed the proposed delineation sample locations and suggested a variance

to accept these samples as confirmation soil samples if laboratory analytical results collected within the AOC showed compliance as outlined in NMAC 19.15.29.12D. The NMSLO approved the DSP on June 16, 2025 with the following conditions:

ECO has reviewed the revised site assessment/remediation workplan and has approved the plan with the following comments:

- 1. ECO strongly recommends that the workplan be submitted to OCD as a remediation plan. Based on similar projects ECO has with OCD, they likely need to approve the remediation plan and receive confirmation sampling notifications in order for the site assessment samples to be considered as confirmation samples.*
- 2. ECO did not see that this site is in proximity to sensitive plant species, so thank you for your diligence and for going the extra mile to get the area cleared anyway.*
- 3. The workplan stated that the reclamation of the subject well was approved in 2017, but it does not state who approved the reclamation. ECO sees that OCD released the plugged site in 2017, this should not be confused with reclamation approval from the landowner, NMSLO. To get a reclamation released from NMSLO you need to submit a Final Reclamation Report that includes a vegetation survey conducted by a biologist/botanist/rangeland specialist, that confirms vegetation greater than 70% of natural plant density and does not contain noxious and invasive weeds.*

CULTURAL PROPERTIES PROTECTION RULE

In accordance with the requirements outlined by the NMSLO Cultural Properties Protection (CPP) Rule (19.2.24 NMAC), Etech, on behalf of WPX, consulted with Lone Mountain Archaeological Services, Inc. (Lone Mountain) to perform an intensive pedestrian survey on undisturbed areas on the NMSLO-managed land on March 14, 2025, in the area of potential effect (APE). The pedestrian survey yielded negative results with no archaeological sites and/or historic properties observed during the investigation. As a result, it was determined that WPX had authorization to proceed with remediation activities without cultural resource concerns. A copy of the NMSLO Cover Sheet is included in [Appendix D](#).

BIOLOGICAL SENSITIVE AREAS

A desktop review was conducted in accordance with the U.S. Fish and Wildlife Service (USFWS) and the National Marine Fisheries Service (NMFS). In addition, Etech, on behalf of WPX, consulted a qualified, third-party certified Bureau of Land Management (BLM) Carlsbad Field Office (CFO) Special Status Plant Species (SSPS) biologist from NTG Environmental (NTG). On March 21, 2025, NTG conducted an SSPS survey within the APE. The survey was conducted in accordance with biological reviews required by the NMSLO, and no species of concern were detected. It must be noted that AOC and/or APE areas have NM CHAT rankings of 2 and 3, where 1 indicates the most critical habitat and 6 the least ([Figure 1E](#)). All sources used to help identify threatened or endangered (T/E) species can be referenced in [Appendix E](#).

SITE CHARACTERIZATION AND CLOSURE CRITERIA

Etech characterized the Site according to Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29, Section 12 (19.15.29.12) of the New Mexico Administrative Code (NMAC) considering depth to groundwater and the proximity to:

- Any continuously flowing watercourse or any other significant watercourse;
- Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark);
- An occupied permanent residence, school, hospital, institution or church;

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- A spring or a private, domestic freshwater well used by less than five households for domestic or stock watering purposes;
- Any freshwater well or spring;
- Incorporated municipal boundaries or a defined municipal fresh water well field covered under a municipal ordinance;
- A wetland;
- A subsurface mine;
- An unstable area (i.e. high karst potential); and
- A 100-year floodplain

Depth to groundwater at the Site is estimated to be greater than 100 feet below ground surface (bgs) based on a New Mexico Office of the State Engineer (NMOSE) permitted soil boring (CP-02012-POD-1) that was drilled by H&R Enterprises, LLC. (H&R) for Mewbourne Oil Co. (Mewbourne) on August 9, 2024. The soil boring is located approximately 0.7 miles north to northwest of the Site (**Figure 1A** in **Appendix A**). Using a truck mounted drill rig equipped with air rotary, the soil boring was advanced to a total depth of 105 feet bgs. No fluids were observed throughout the drilling process nor after a 72-hour observation period. Following the observation period, the boring was plugged and abandoned per the appropriate NMOSE regulations. The boring log and plugging records are provided in **Appendix B**.

Based on the initial desktop review, the closest continuously flowing or significant water course to the Site appeared to be an ephemeral stream identified on the United States Fish and Wildlife Service (USFWS) online database, National Wetland Inventory (Wetland Mapper), located within 300 feet of the northern edge of the AOC. Although the identified feature is denoted as a dashed blue line on a United States Geological Survey (USGS) 7.5-minute quadrangle map, the identified feature did not seem to meet one or more of the remaining qualifications of a significant watercourse as defined in Subsection P of NMAC 19.15.17.7. As per Subsection P of NMAC 19.15.17.7, a significant watercourse requires “[...] a defined bed and bank either named or identified by a dashed blue line on a USGS 7.5-minute quadrangle map or the next lower order tributary with a defined bed and bank of such watercourse”. As such, field verification was necessary to determine the applicability of the definition of a significant watercourse for the identified feature.

On March 7, 2025, Etech conducted a field investigation to validate the presence or absence of a significant watercourse within the established 300-foot radius of the release according to the parameters set forth in Subsection P of NMAC 19.15.17.7. A bed and bank were not identified throughout the course of the field survey of the potential watercourse. Only very faint erosional paths or swales aligned with the topographic gradient were observed. Additionally, the features did not appear to connect to a larger watercourse as the feature is intersected by multiple access roads and pipeline Right-of-Ways (ROW) visible on a satellite arial imagery. There was no evidence of fluvial deposition inside the faint erosional features, instead it splayed out onto the desert floor. Aerial imagery and photographic evidence from the field survey are provided in **Figure 2** in **Appendix A**. Following the field investigation, the feature identified by Wetland Mapper did not meet the requirements of a “significant watercourse” according to Subsection P of NMAC 19.15.17.7 and therefore no significant watercourse lies within 300 feet of the Site.

The Site is not considered to be in an unstable area, and remaining potential receptors are not within the established buffers defined in NMAC 19.15.29.12. Receptor details from the site characterization are included in [Figure 1A](#), [Figure 1B](#), and [Figure 1C](#) in [Appendix A](#).

Based on the results from the desktop review and no available recent depth to groundwater data within 0.5-mile of the Site, the following Closure Criteria will apply:

Constituents of Concern (COCs)	Laboratory Analytical Method	Closure Criteria*
Chloride	Environmental Protection Agency (EPA) 300.0	600 milligram per kilogram (mg/kg)
Total Petroleum Hydrocarbon (TPH)	EPA 8015 M/D	100 mg/kg
Benzene	EPA 8021B/8260B	10 mg/kg
Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA 8021B/8260B	50 mg/kg

* The reclamation standard concentration requirements of 600 mg/kg chloride and 100 mg/kg TPH apply to the top 4 feet of areas to be immediately reclaimed following remediation pursuant to NMAC 19.15.17.13.

DELINEATION SOIL SAMPLING ACTIVITIES

From June 26, 2025, to February 6, 2026, Etech conducted delineation activities to assess the presence of residual soil impacts associated with the AOC. Twenty delineation boreholes were advanced within and around the AOC via hand auger and/or track hoe. Delineation was driven by field screening soil for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach® chloride QuanTab® test strips. A minimum of two soil samples were collected from each delineation soil sampling location, representing the highest observed field screening concentrations and the greatest depth. Field screening results and soil descriptions are included on soil sampling logs shown in [Appendix F](#). The delineation soil sample locations are shown in [Figure 3](#) in [Appendix A](#). Photographic documentation of delineation activities is included in [Appendix G](#).

Delineation soil samples were placed directly into lab provided pre-cleaned glass jars, packaged with minimal void space, labeled, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures to Envirotech, Inc. Laboratories (Envirotech) in Farmington, New Mexico, for analysis of COCs.

DELINEATION LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for soil samples BH01 through BH15 and BH17 through BH20 were compliant with the Site Closure Criteria. Additionally, BTEX and TPH concentrations were below the Site Closure Criteria for all delineation soil samples.

Laboratory analytical results within proximity of BH16 indicated chloride concentrations exceed the Site Closure Criteria and/or reclamation standard up to 5 feet bgs. Elevated chloride concentrations were characterized by concentrations ranging from 684 mg/kg to 786 mg/kg.

Laboratory analytical results are summarized in [Table 1](#), included in [Appendix H](#). The executed chain-of-custody form and laboratory reports are provided in [Appendix I](#).

PROPOSED REMEDIATION WORK PLAN

Based on delineation soil sample analytical results, the following conclusions regarding the inadvertent release are presented:

- Concentrations of COCs for all delineation soil samples were below Site Closure Criteria, except BH16 at 3 feet and 4 feet bgs. Residual impacts appear to be confined to 5-foot bgs within proximity to the delineation soil sample location BH16, which have been sufficiently vertically and horizontally delineated.

Based on the conclusions presented above, WPX proposes the following remediation corrective actions:

- To reduce disturbance of the established revegetation on the reclaimed pad and disruption of traffic on CR 245, WPX is requesting a variance under NMAC 19.15.12.D to use delineation soil samples (BH01 through BH15) as confirmation closure samples. No evidence of concentrations exceeding the Site Closure Criteria appears to exist beyond the proximity of delineation soil sampling location BH16.
- There are no sensitive receptors in the vicinity, the Site is located within a low karst potential area, and no other receptors (residence, school, hospital, institution, church, mining, municipal, or other ordinance boundaries) are within the regulatory promulgated distances of the Site.
- The inferred depth to groundwater at the Site is estimated to be greater than 100 feet bgs, as indicated by CP-02012-POD-1 located approximately 0.7 miles from the Site. Based on this information, there is currently no imminent risk to human health, the environment, or groundwater resources.
- An excavation will be advanced within proximity of BH16 laterally and vertically until the Site Closure Criteria and/or reclamation standard is met. Based on current delineation soil sampling results, a minimum of 37 cubic yards of residually impacted soil (200 sqft up to 5 feet bgs) will be excavated and removed from the Site. The proposed excavation area is shown in [Figure 4 of Appendix A](#).
- Impacted soil will be transported to a nearby landfill facility for disposal under approved WPX waste manifests.
- Following the completion of excavation activities, 5-point composite confirmation soil samples will be collected from the excavation floor and sidewalls. Confirmation soil samples will consist of five equivalent aliquots and will be homogenized in a 1-gallon resealable plastic bag. The soil samples will be handled and analyzed for COCs by an accredited laboratory as previously described.
- Upon receipt of confirmation soil sample laboratory analytical results, indicating compliance with the applicable Site Closure Criteria, WPX will backfill the excavation(s) with clean, locally sourced soil and restored to "as close to its original state as possible".

PROPOSED SCHEDULE

Upon the notice of NMOCD approval of this SCRP, WPX will begin the proposed remediation activities as outlined above within 90 days. WPX believes this SCRP will meet the requirements set

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forth in NMAC 19.15.29 and to be protective of human health, the environment, and groundwater. As such WPX respectfully requests with the proposed remediation outline.

If you have any questions or comments, please do not hesitate to contact Erick Herrera at (432) 305-6416 or erick@etechenv.com or Joseph S. Hernandez at (432) 305-6413 or joseph@etechenv.com. **Appendix J** provides email notification receipts for the subject release.

Sincerely,

Etech Environmental and Safety Solutions, Inc.



Erick Herrera
Operations Manager, EGTG
Consultant, Geologist



Joseph S. Hernandez
Division Director, EGTG (TX and NM)
Environmental and Geoscience Technical Group

cc: Jim Raley, WPX
New Mexico Oil Conservation Division
NMSLO

Appendices:

- Appendix A: Figure 1: Site Map
 - Figure 1A: Site Characterization Map – Groundwater
 - Figure 1B: Site Characterization Map – Surficial Receptors
 - Figure 1C: Site Characterization Map – Subsurface Receptors
 - Figure 2: Watercourse Survey
 - Figure 3: Delineation Soil Sampling Locations
 - Figure 4: Proposed Excavation Area
- Appendix B: Referenced Well Records
- Appendix C: USDA NRCS Web Soil Survey
- Appendix D: NMSLO Cultural Resources Cover Sheet
- Appendix E: U. S Fish & Wildlife Service Threatened and Endangered Species Report
- Appendix F: Soil Sampling Logs
- Appendix G: Photographic Log
- Appendix H: Tables
- Appendix I: Laboratory Analytical Reports & Chain-of-Custody Documentation

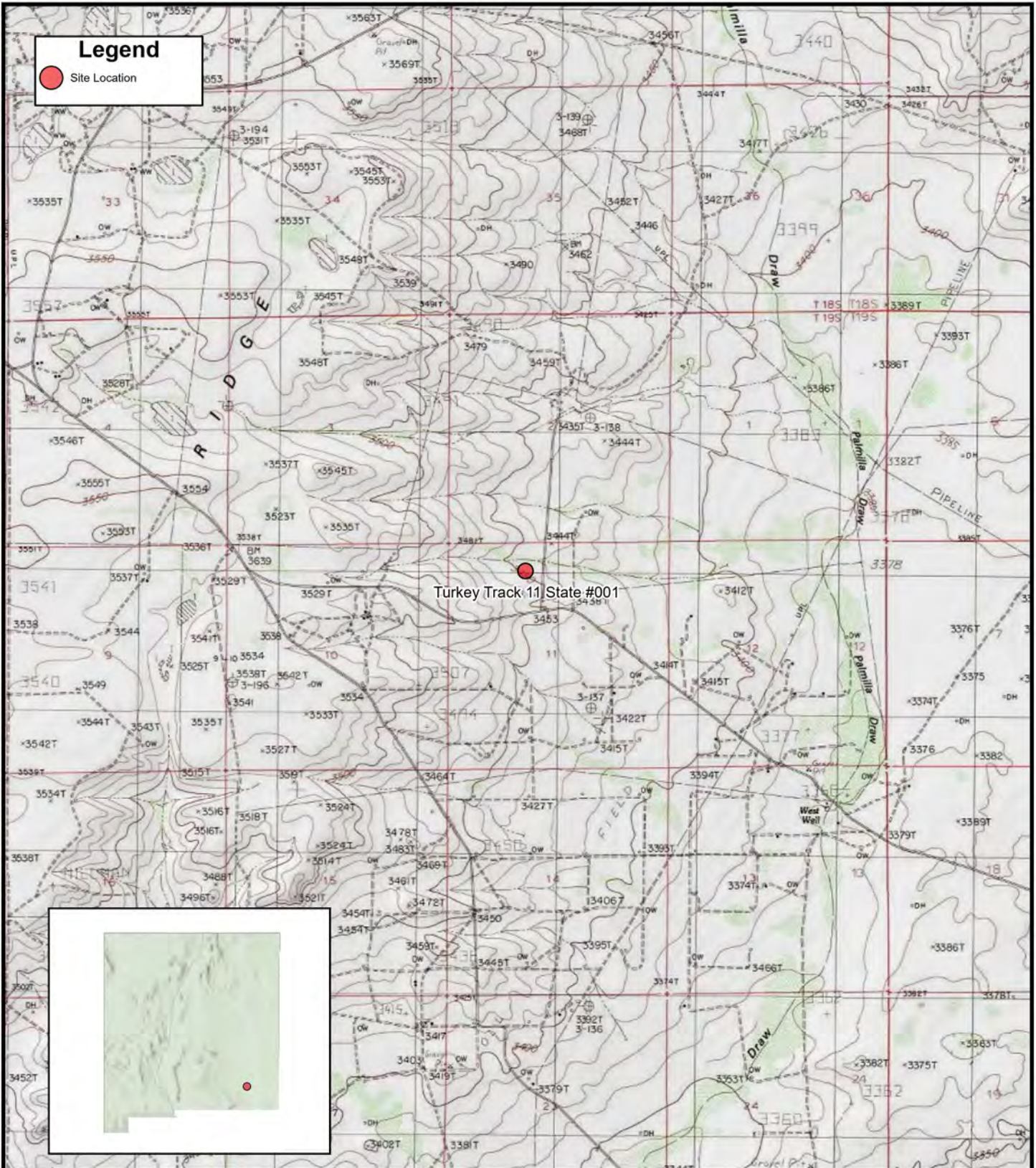
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Appendix J: Correspondence & Notifications

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| Appendix A



Turkey Track 11 State #001



FIGURE 1

Site Location Map

WPX ENERGY PERMIAN, LLC
 Turkey Track 11 State #001
 Unit C Sec 11 T19S R28E
 Eddy County, New Mexico



0 2,000 4,000 Feet

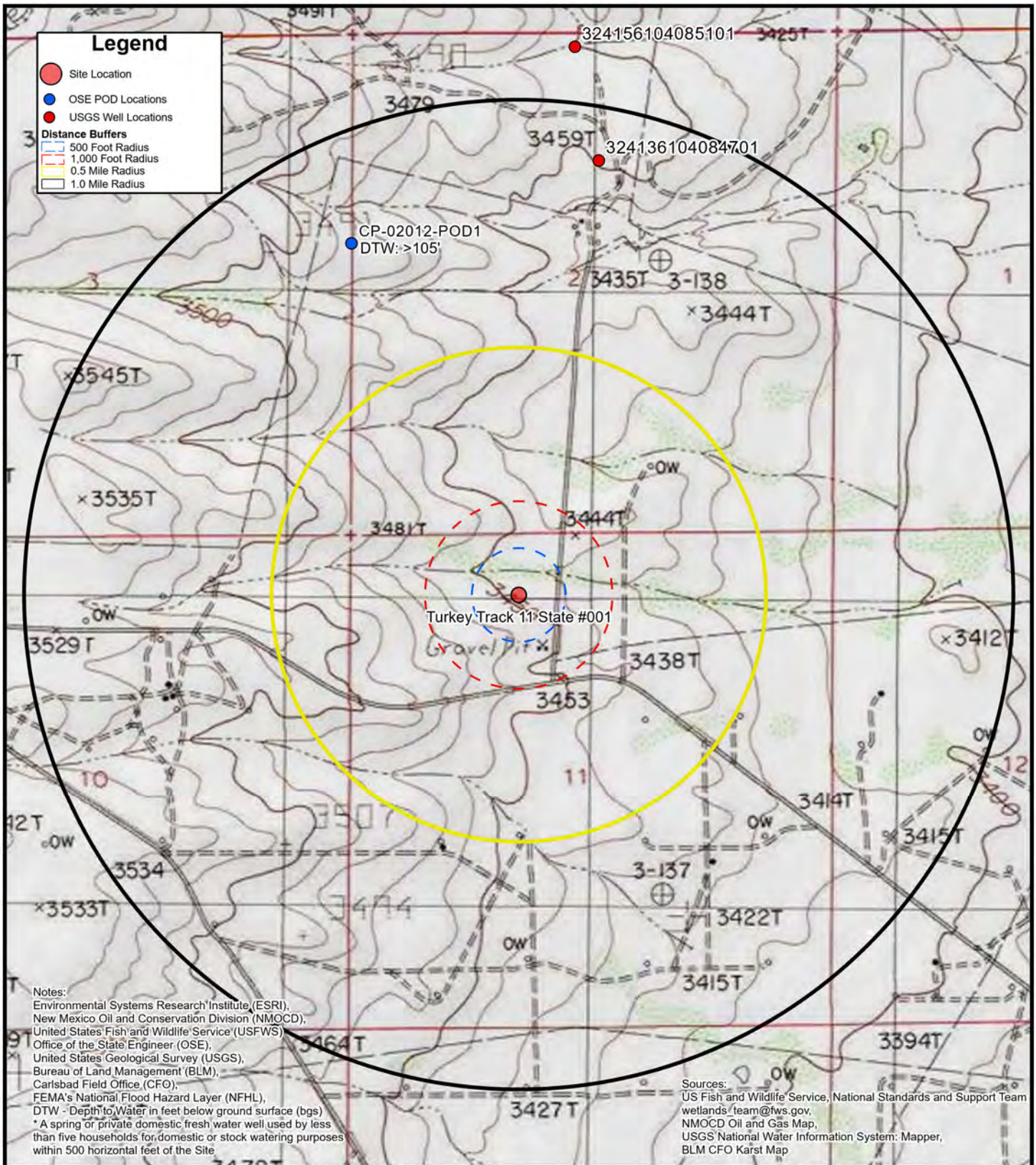


FIGURE 1A
Site Characterization Map
Groundwater

WPX ENERGY PERMIAN, LLC
Turkey Track 11 State #001
Unit C Sec 11 T19S R28E
Eddy County, New Mexico



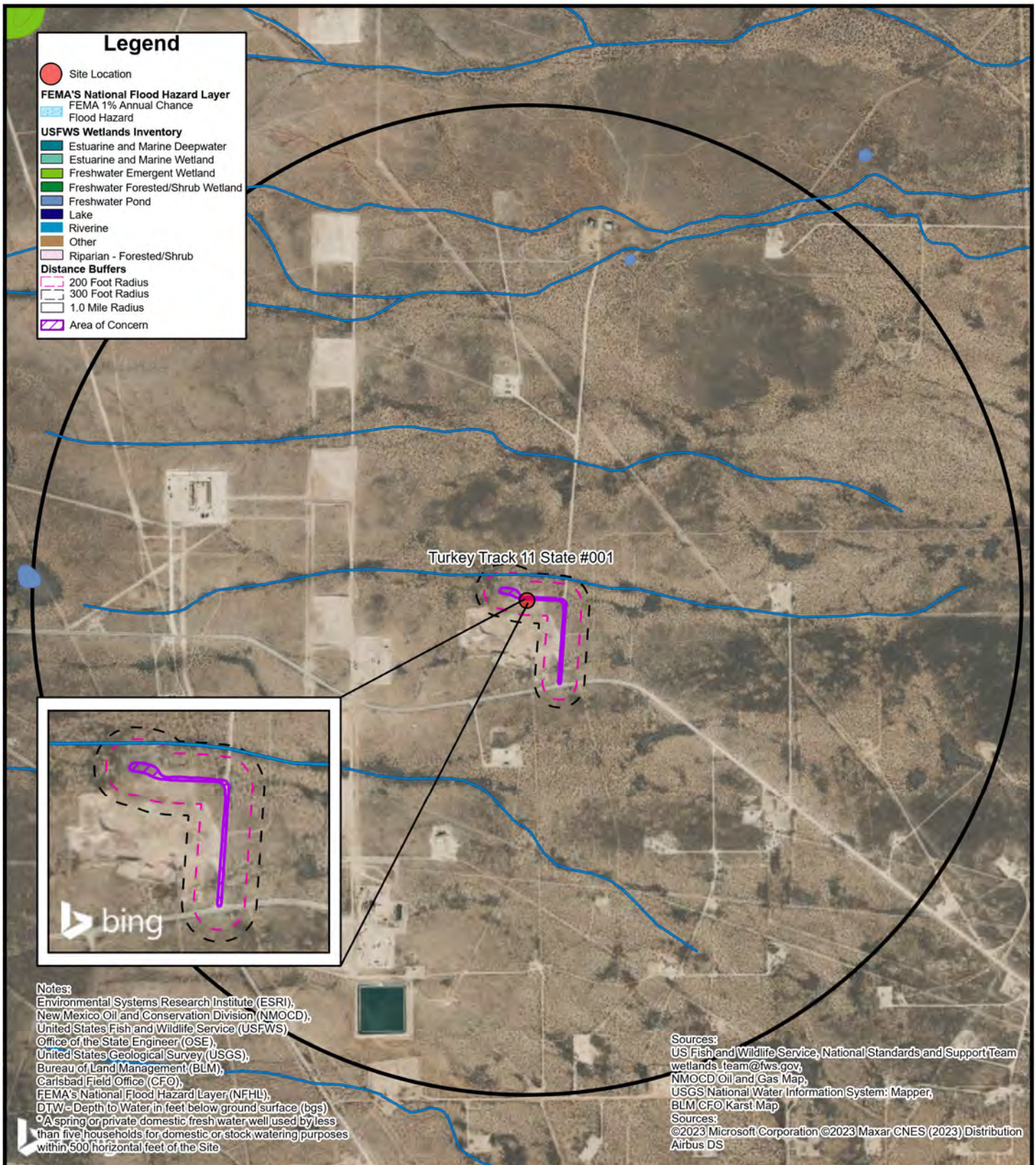


FIGURE 1B
**Site Characterization Map
 Surficial Receptors**

WPX ENERGY PERMIAN, LLC
 Turkey Track 11 State #001
 Unit C Sec 11 T19S R28E
 Eddy County, New Mexico



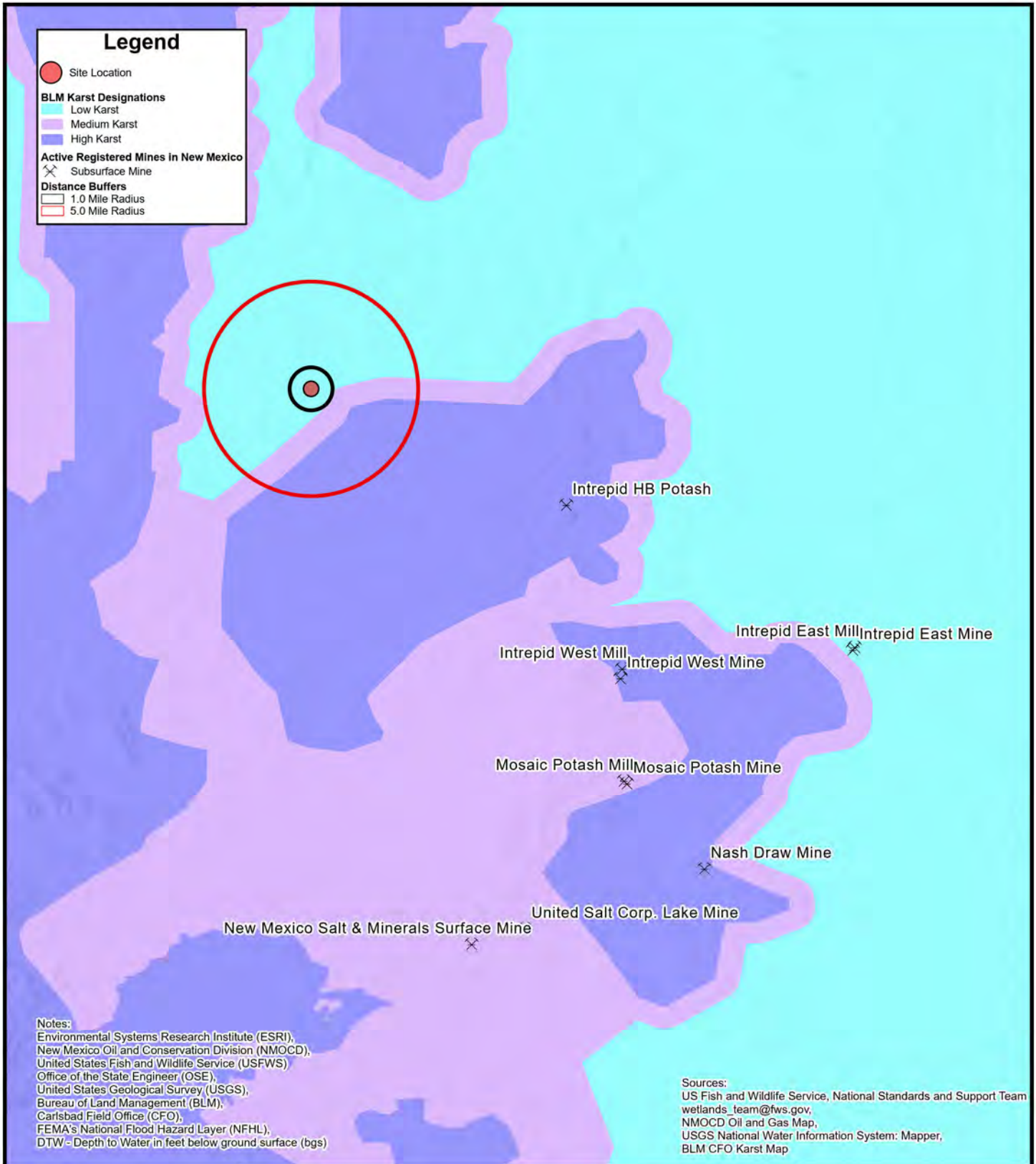
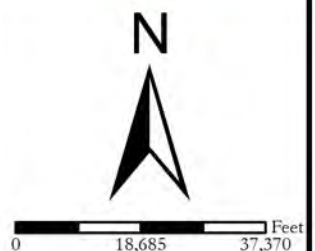


FIGURE 1C
Site Characterization Map
Subsurface Receptors

WPX ENERGY PERMIAN, LLC
 Turkey Track 11 State #001
 Unit C Sec 11 T19S R28E
 Eddy County, New Mexico



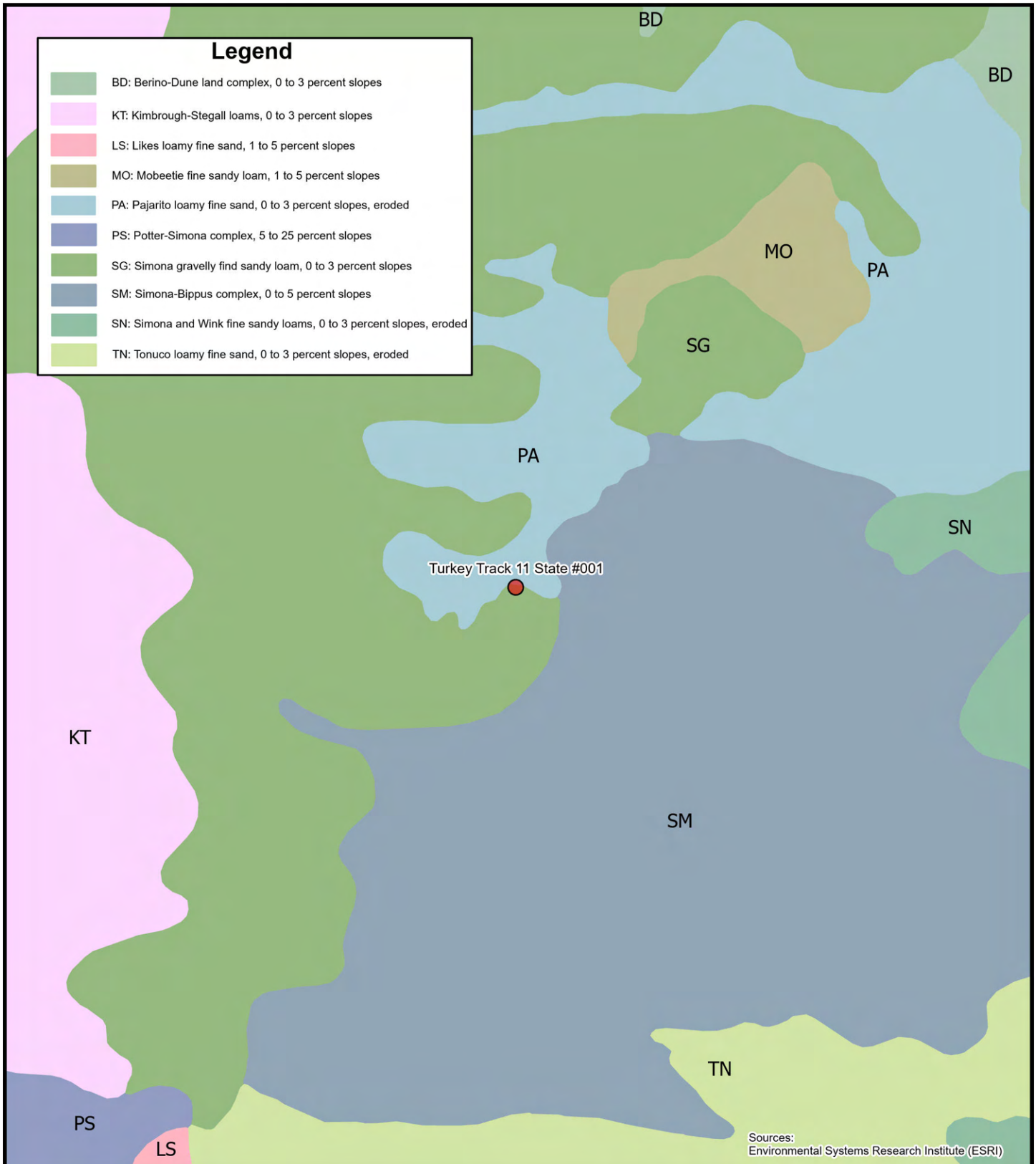


FIGURE 1D

**Site Characterization Map
Surficial Receptors - Soils**

WPX ENERGY PERMIAN, LLC
Turkey Track 11 State #001
Unit C Sec 11 T19S R28E
Eddy County, New Mexico

N



0 1,050 2,100 Feet



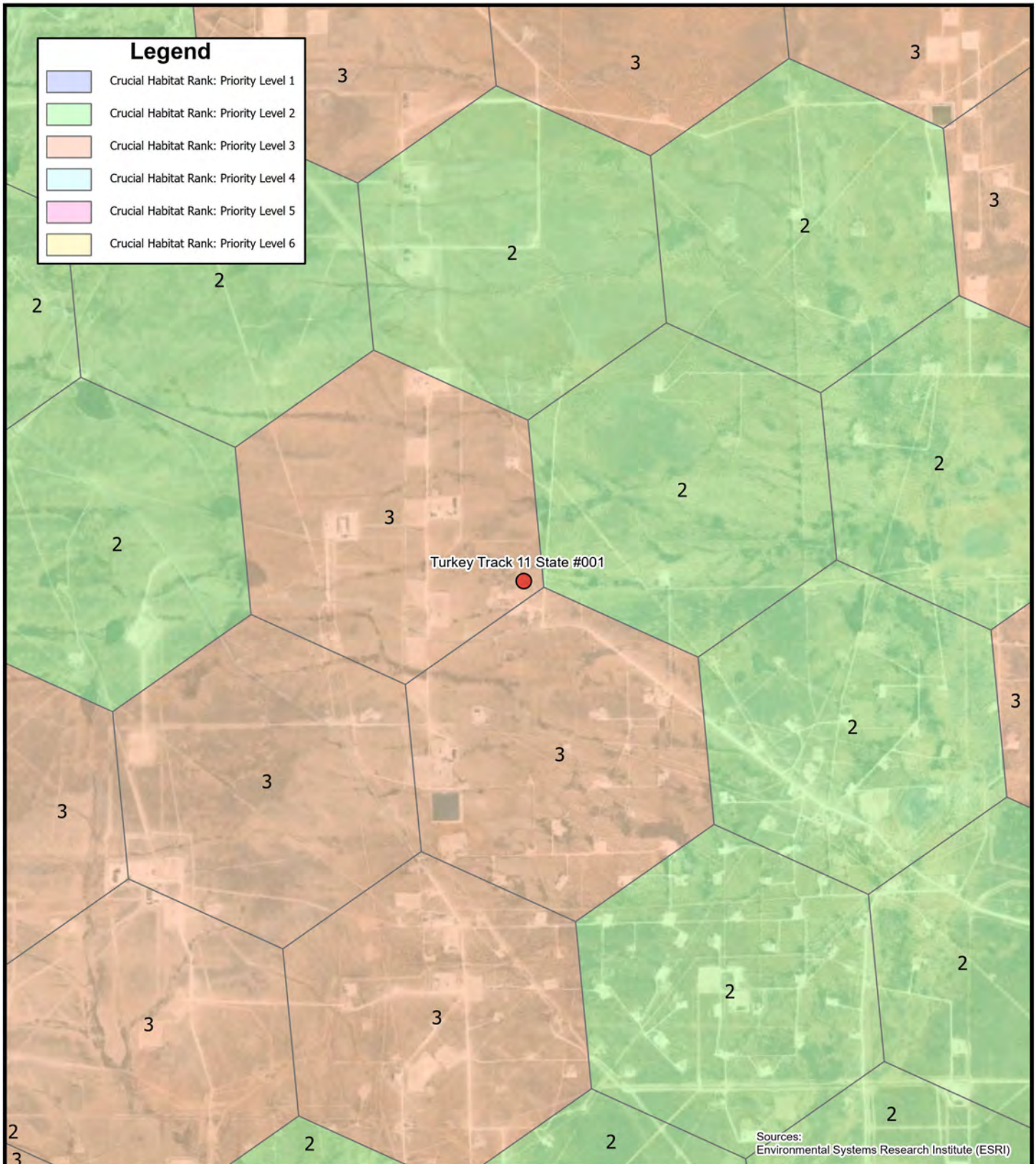


FIGURE 1E

**Site Characterization Map
Surficial Receptors - Biology**

WPX ENERGY PERMIAN, LLC
Turkey Track 11 State #001
Unit C Sec 11 T19S R28E
Eddy County, New Mexico

N



0 1,750 3,500 Feet



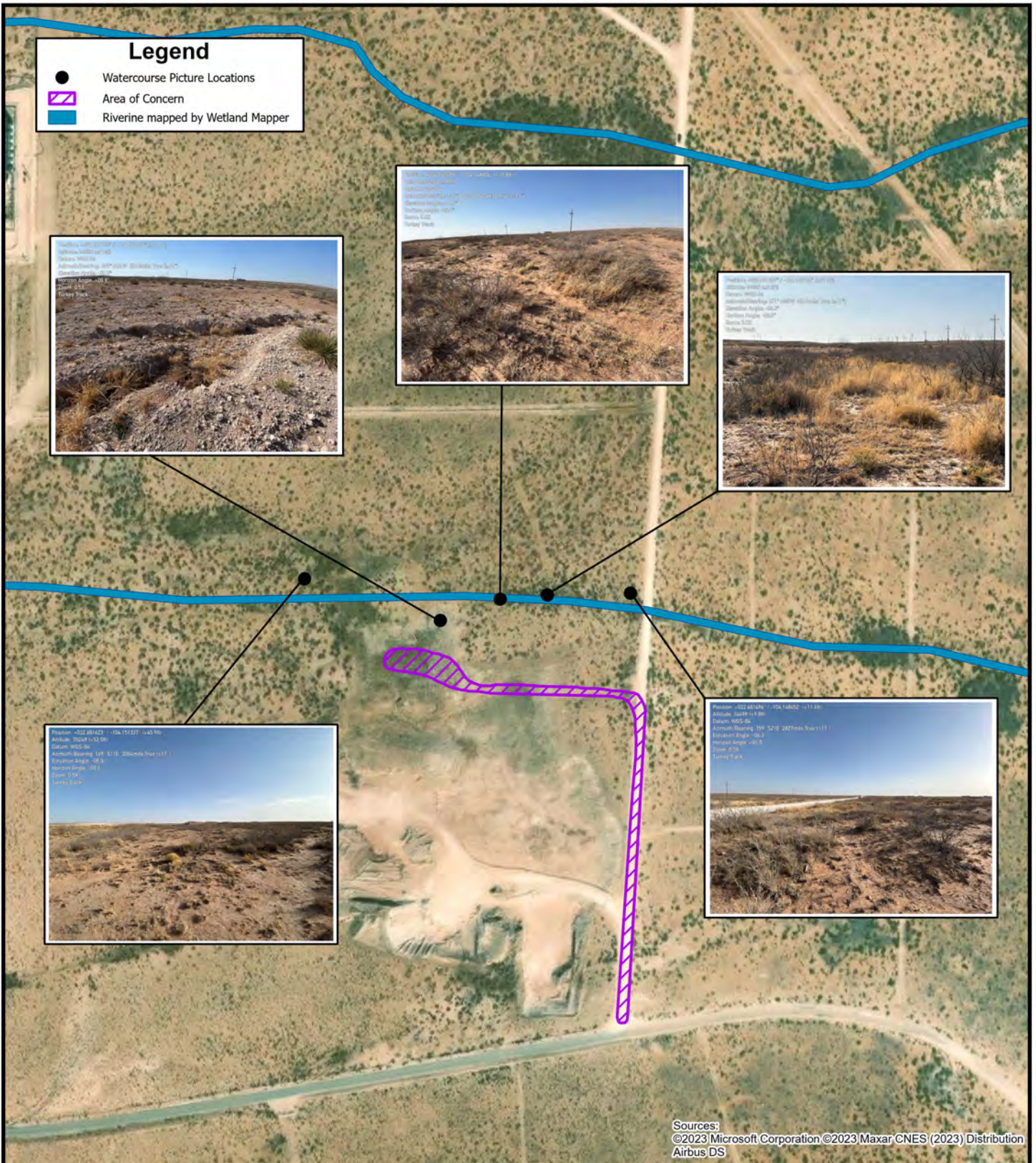
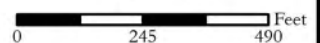


FIGURE 2

Watercourse Survey

WPX ENERGY PERMIAN, LLC
Turkey Track 11 State #001
Unit C Sec 11 T19S R28E
Eddy County, New Mexico



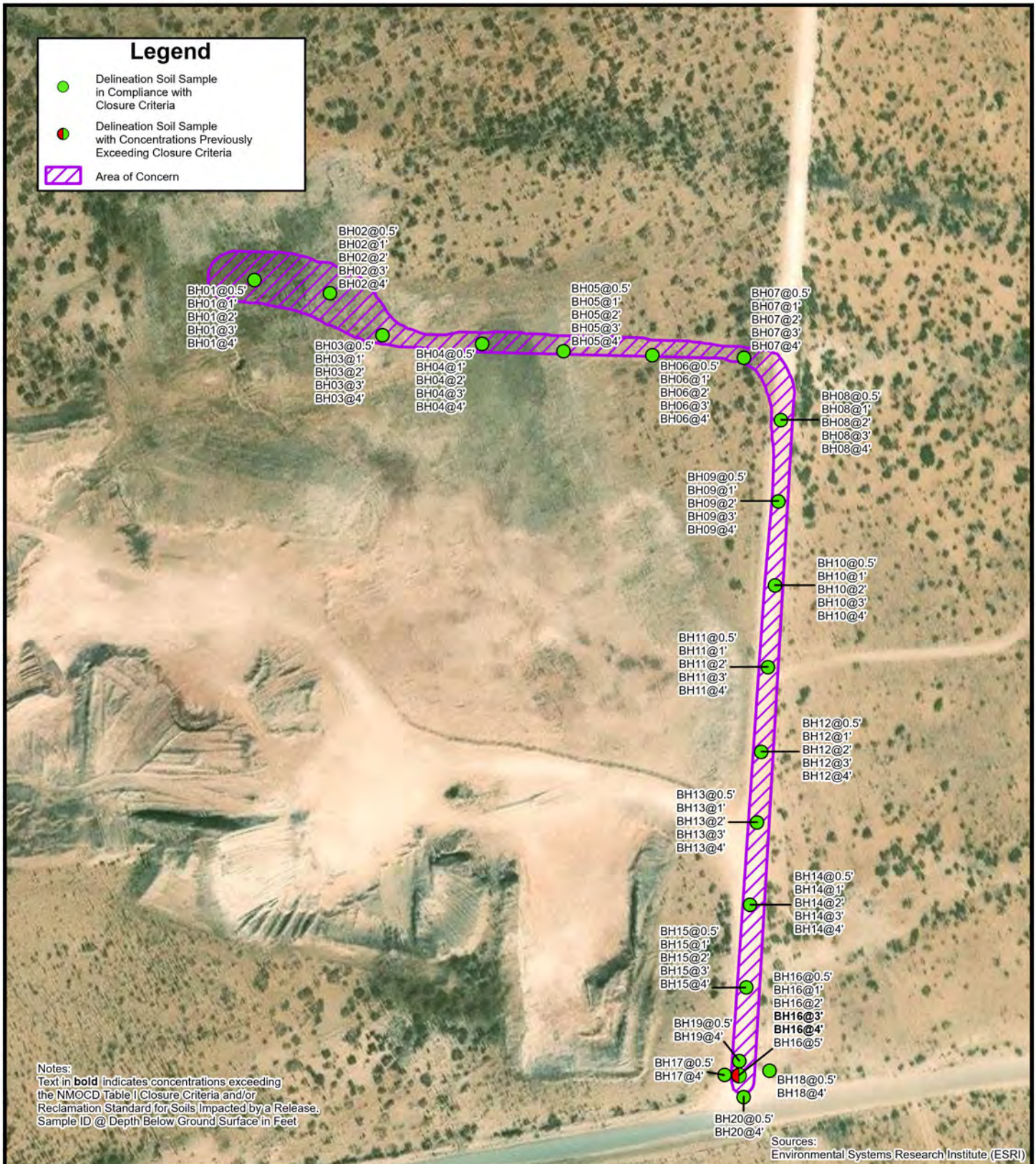


FIGURE 3
Delineation Soil Sample Locations

WPX ENERGY PERMIAN, LLC
 Turkey Track 11 State #001
 Unit C Sec 11 T19S R28E
 Eddy County, New Mexico

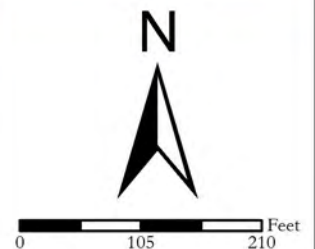
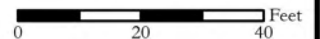




FIGURE 4

Proposed Excavation Area

WPX ENERGY PERMIAN, LLC
Turkey Track 11 State #001
Unit C Sec 11 T19S R28E
Eddy County, New Mexico



| Appendix B

P.O. Box 62228 Midland TX 79711 Tel: 432-563-2200 Fax: 432-563-2213



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) Pod-1		WELL TAG ID NO.		OSE FILE NO(S) CP-2012	
	WELL OWNER NAME(S) Mewbourne Oil Co.				PHONE (OPTIONAL)	
	WELL OWNER MAILING ADDRESS 4801 Business Park Blvd.				CITY Hobbs	STATE ZIP NM 88241
	WELL LOCATION (FROM GPS)	DEGREES	MINUTES	SECONDS	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84	
		LATITUDE	32	41		
	LONGITUDE	-104	09	19.81	W	
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE SENE S-2 T19S R28E						

2. DRILLING & CASING INFORMATION	LICENSE NO. WD-1862	NAME OF LICENSED DRILLER James Hawley			NAME OF WELL DRILLING COMPANY H&R Enterprises, LLC			
	DRILLING STARTED 8/9/24	DRILLING ENDED 8/9/24	DEPTH OF COMPLETED WELL (FT) 105	BORE HOLE DEPTH (FT) 105	DEPTH WATER FIRST ENCOUNTERED (FT) N/A Dry hole			
	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 8/15/24		
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	DEPTH (feet bgl)		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)	SLOT SIZE (inches)
	FROM	TO						
				No casing left in hole				

OSE DII ROSWELL NM
AUG 19 2024 PM 3:21

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL <i>*(if using Centralizers for Artesian wells- indicate the spacing below)</i>	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				
				N/A no casing left in hole		

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)			
FILE NO.	CP-2012	POD NO.	1	TRN NO.	764423
LOCATION	19S-28E-02 331	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	5	5	white caliche	Y ✓ N	
	5	10	5	tan sandy caliche	Y ✓ N	
	10-	15	5	tan sand	Y ✓ N	
	15	50	35	red dry clay	Y ✓ N	
	50	60	10	grayish tan clay	Y ✓ N	
	60	105	45	red dry clay	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: <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER - SPECIFY: N/A					TOTAL ESTIMATED WELL YIELD (gpm):	

OSE DII ROSWELL NM
 AUG 19 2024 PM3:22

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:	Well was drilled on 8/9/24, no water was encountered, well was gauged with a well sounder on 8/14/24, no water was found, casing was pulled and well was plugged in accordance with the approved plugging plan.
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:	Nathan Smelcer

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:	
	_____ SIGNATURE OF DRILLER / PRINT SIGNEE NAME	James Hawley _____ DATE

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)	
FILE NO. CP-2019	POD NO. 1	TRN NO. 764423	
LOCATION 19S-28E-02 331	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: CP-2012 Pod-1

Well owner: Mewbourne Oil Co. Phone No.: _____

Mailing address: 4801 Business Park Blvd.

City: Hobbs State: NM Zip code: 88241

II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: H&R Enterprises, LLC.
- 2) New Mexico Well Driller License No.: WD-1862 Expiration Date: 6/25
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): James Hawley
- 4) Date well plugging began: 8/14/24 Date well plugging concluded: 8/14/24
- 5) GPS Well Location: Latitude: 32 deg, 41 min, 27.65 sec
Longitude: -104 deg, 09 min, 19.81 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 105 ft below ground level (bgl),
by the following manner: well sounder
- 7) Static water level measured at initiation of plugging: Dry ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 7/18/24
- 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
AUG 19 2024 PM 3:22

| Appendix C

P.O. Box 62228 Midland TX 79711 Tel: 432-563-2200 Fax: 432-563-2213



A product of the National Cooperative Soil Survey, a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local participants

Custom Soil Resource Report for Eddy Area, New Mexico



March 9, 2026

Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (<http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/>) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (<https://offices.sc.egov.usda.gov/locator/app?agency=nrcs>) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

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How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

Custom Soil Resource Report

scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and

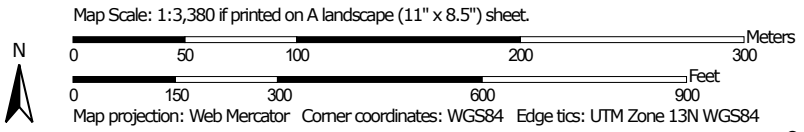
Custom Soil Resource Report

identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.


Custom Soil Resource Report Soil Map (Turkey Track11 State #001)



Custom Soil Resource Report


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 21, Sep 9, 2025

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

Date(s) aerial images were photographed: Mar 22, 2025—Apr 12, 2025

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.

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Map Unit Legend (Turkey Track11 State #001)

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
PA	Pajarito loamy fine sand, 0 to 3 percent slopes, eroded	15.5	30.5%
SG	Simona gravelly fine sandy loam, 0 to 3 percent slopes	21.3	42.0%
SM	Simona-Bippus complex, 0 to 5 percent slopes	14.0	27.5%
Totals for Area of Interest		50.7	100.0%

Map Unit Descriptions (Turkey Track11 State #001)

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

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The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Custom Soil Resource Report

Eddy Area, New Mexico**PA—Pajarito loamy fine sand, 0 to 3 percent slopes, eroded****Map Unit Setting**

National map unit symbol: 1w54
Landscape: Uplands
Elevation: 2,700 to 5,500 feet
Mean annual precipitation: 5 to 15 inches
Mean annual air temperature: 57 to 70 degrees F
Frost-free period: 180 to 250 days
Farmland classification: Not prime farmland

Map Unit Composition

Pajarito and similar soils: 98 percent
Minor components: 2 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Pajarito**Setting**

Landscape: Uplands
Landform: Sand dunes, Interdunes, Sandy plains
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 13 inches: loamy fine sand
H2 - 13 to 36 inches: fine sandy loam
H3 - 36 to 60 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: 15 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Moderate (about 7.9 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

Custom Soil Resource Report

Minor Components**Wink**

Percent of map unit: 1 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Berino

Percent of map unit: 1 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

SG—Simona gravelly fine sandy loam, 0 to 3 percent slopes**Map Unit Setting**

National map unit symbol: 1w5w
Landscape: Uplands
Elevation: 2,750 to 5,000 feet
Mean annual precipitation: 8 to 16 inches
Mean annual air temperature: 57 to 70 degrees F
Frost-free period: 180 to 230 days
Farmland classification: Not prime farmland

Map Unit Composition

Simona and similar soils: 95 percent
Minor components: 5 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Simona**Setting**

Landscape: Uplands
Landform: Alluvial fans, Plains
Landform position (three-dimensional): Rise
Down-slope shape: Linear, convex
Across-slope shape: Linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 19 inches: gravelly fine sandy loam
H2 - 19 to 23 inches: indurated

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 7 to 20 inches to petrocalcic
Drainage class: Well drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches

Custom Soil Resource Report

Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 15 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Very low (about 2.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: D
Ecological site: R070BD002NM - Shallow Sandy
Hydric soil rating: No

Minor Components**Simona**

Percent of map unit: 4 percent
Ecological site: R070BD002NM - Shallow Sandy
Hydric soil rating: No

Playa

Percent of map unit: 1 percent
Landscape: Alluvial plains
Landform: Playas
Landform position (three-dimensional): Talf
Down-slope shape: Convex, concave
Across-slope shape: Linear, concave
Ecological site: R070BC017NM - Bottomland
Hydric soil rating: Yes

SM—Simona-Bippus complex, 0 to 5 percent slopes**Map Unit Setting**

National map unit symbol: 1w5x
Landscape: Uplands
Elevation: 1,800 to 5,000 feet
Mean annual precipitation: 8 to 24 inches
Mean annual air temperature: 57 to 70 degrees F
Frost-free period: 180 to 230 days
Farmland classification: Not prime farmland

Map Unit Composition

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

Custom Soil Resource Report

Description of Simona**Setting**

Landscape: Uplands
Landform: Alluvial fans, Plains
Landform position (three-dimensional): Rise
Down-slope shape: Linear, convex
Across-slope shape: Linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 19 inches: gravelly fine sandy loam
H2 - 19 to 23 inches: indurated

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 7 to 20 inches to petrocalcic
Drainage class: Well drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 15 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Very low (about 2.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: D
Ecological site: R070BD002NM - Shallow Sandy
Hydric soil rating: No

Description of Bippus**Setting**

Landscape: Alluvial plains
Landform: Alluvial fans, Flood plains
Landform position (three-dimensional): Talf, rise
Down-slope shape: Linear, convex
Across-slope shape: Linear
Parent material: Mixed alluvium

Typical profile

H1 - 0 to 37 inches: silty clay loam
H2 - 37 to 60 inches: clay loam

Properties and qualities

Slope: 0 to 5 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): Moderately high to high (0.60 to 2.00 in/hr)

Custom Soil Resource Report

Depth to water table: More than 80 inches
Frequency of flooding: Occasional
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Moderate (about 8.7 inches)

Interpretive groups

Land capability classification (irrigated): 2e
Land capability classification (nonirrigated): 3e
Hydrologic Soil Group: B
Ecological site: R070BC017NM - Bottomland
Hydric soil rating: No

Minor Components

Simona

Percent of map unit: 8 percent
Ecological site: R070BD002NM - Shallow Sandy
Hydric soil rating: No

Bippus

Percent of map unit: 7 percent
Ecological site: R070BC017NM - Bottomland
Hydric soil rating: No

Soil Information for All Uses

Ecological Sites

Individual soil map unit components can be correlated to a particular ecological site. The Ecological Site Assessment section includes ecological site descriptions, plant growth curves, state and transition models, and selected National Plants database information.

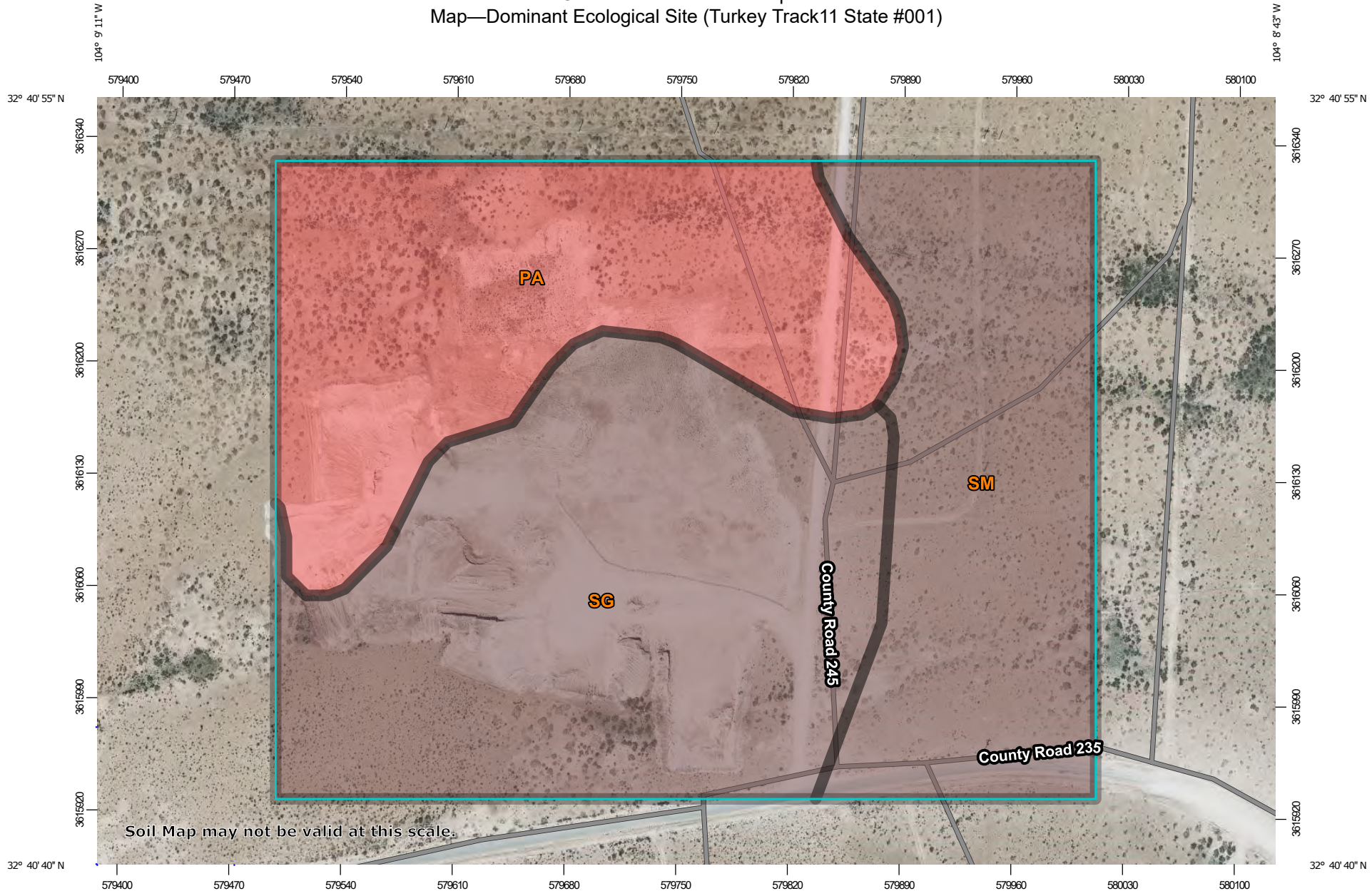
All Ecological Sites — (Turkey Track11 State #001)

An "ecological site" is the product of all the environmental factors responsible for its development. It has characteristic soils that have developed over time; a characteristic hydrology, particularly infiltration and runoff, that has developed over time; and a characteristic plant community (kind and amount of vegetation). The vegetation, soils, and hydrology are all interrelated. Each is influenced by the others and influences the development of the others. For example, the hydrology of the site is influenced by development of the soil and plant community. The plant community on an ecological site is typified by an association of species that differs from that of other ecological sites in the kind and/or proportion of species or in total production.

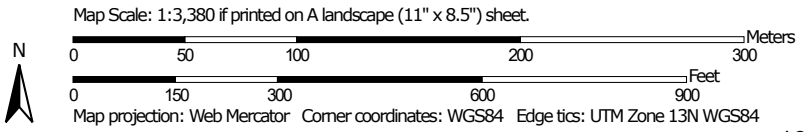
An ecological site name provides a general description of a particular ecological site. For example, "Loamy Upland" is the name of a rangeland ecological site. An "ecological site ID" is the symbol assigned to a particular ecological site.

The map identifies the dominant ecological site for each map unit, aggregated by dominant condition. Other ecological sites may occur within each map unit. Each map unit typically consists of one or more components (soils and/or miscellaneous areas). Each soil component is associated with an ecological site. Miscellaneous areas, such as rock outcrop, sand dunes, and badlands, have little or no soil material and support little or no vegetation and therefore are not linked to an ecological site. The table below the map lists all of the ecological sites for each map unit component in your area of interest.

Custom Soil Resource Report Map—Dominant Ecological Site (Turkey Track11 State #001)




Soil Map may not be valid at this scale.



Custom Soil Resource Report




MAP LEGEND

Area of Interest (AOI)




 Area of Interest (AOI)

Soils




Soil Rating Polygons

-  R070BD002NM
-  R070BD003NM
-  Not rated or not available


Soil Rating Lines

-  R070BD002NM
-  R070BD003NM
-  Not rated or not available






Soil Rating Points

-  R070BD002NM
-  R070BD003NM
-  Not rated or not available


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 21, Sep 9, 2025

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

Date(s) aerial images were photographed: Mar 22, 2025—Apr 12, 2025

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.

Custom Soil Resource Report

**Table—Ecological Sites by Map Unit Component
(Turkey Track11 State #001)**

Map unit symbol	Map unit name	Component name (percent)	Ecological site	Acres in AOI	Percent of AOI
PA	Pajarito loamy fine sand, 0 to 3 percent slopes, eroded	Pajarito (98%)	R070BD003NM — Loamy Sand	15.5	30.5%
		Berino (1%)	R070BD003NM — Loamy Sand		
		Wink (1%)	R070BD003NM — Loamy Sand		
SG	Simona gravelly fine sandy loam, 0 to 3 percent slopes	Simona (95%)	R070BD002NM — Shallow Sandy	21.3	42.0%
		Simona (4%)	R070BD002NM — Shallow Sandy		
		Playa (1%)	R070BC017NM — Bottomland		
SM	Simona-Bippus complex, 0 to 5 percent slopes	Simona (55%)	R070BD002NM — Shallow Sandy	14.0	27.5%
		Bippus (30%)	R070BC017NM — Bottomland		
		Simona (8%)	R070BD002NM — Shallow Sandy		
		Bippus (7%)	R070BC017NM — Bottomland		
Totals for Area of Interest				50.7	100.0%

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Ecological site R070BD002NM Shallow Sandy

Accessed: 03/09/2026

General information

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Figure 1. Mapped extent

Areas shown in blue indicate the maximum mapped extent of this ecological site. Other ecological sites likely occur within the highlighted areas. It is also possible for this ecological site to occur outside of highlighted areas if detailed soil survey has not been completed or recently updated.

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R070BD004NM	Sandy Sandy sites often occur in association or in a complex with Shallow Sandy Sites.
-------------	--

Similar sites

R070BD004NM	Sandy Sandy ecological sites are similar to Shallow Sandy sites in species composition and Transition pathways.
-------------	---

Table 1. Dominant plant species

Tree	Not specified
Shrub	Not specified
Herbaceous	Not specified

Physiographic features

This site occurs on plains, alluvial fans, uplands, or fan piedmonts. The parent material consists of mixed loamy alluvium or eolian material derived from igneous and sedimentary bedrock. The petrocalcic layer is at a depth of 10 to 25 inches and undulating.

Slopes are nearly level to undulating, usually less than 9 percent. Elevations range from 2,842 to 4,500 feet.

Table 2. Representative physiographic features

Landforms	(1) Plain (2) Fan piedmont (3) Alluvial fan
Elevation	2,842–4,500 ft
Slope	1–9%
Aspect	Aspect is not a significant factor

Climatic features

The average annual precipitation ranges from 8 to 13 inches. Variations of 5 inches, more or less, are common. Over 80 percent of the precipitation falls from April through October. Most of the summer precipitation comes in the form of high intensity – short duration thunderstorms.

Temperatures are characterized by distinct seasonal changes and large annual and diurnal temperature changes. The average annual temperature is 61 degrees with extremes of 25 degrees below zero in the winter to 112 degrees in the summer. The average frost-free season is from 207 to 220 days. The last killing frost is in late March or early April, and the first killing frost is in late October or early November. Temperature and rainfall both favor warm season perennial plant growth. In years of abundant spring moisture, annual forbs and cool season grasses can make up an important component of the site. The vegetation of this site can take advantage of the moisture and the time it falls. Because of the soil profile, little moisture can be stored in the soil for any length of time. Moisture is readily available to the plants from the time it falls. Strong winds from the southwest blow from January through June which rapidly dries out the soil profile during a critical period for plant growth.

Climate data was obtained from <http://www.wrcc.sage.dri.edu/summary/climsmnm.html> web site using 50% probability for freeze-free and frost-free seasons using 28.5 degrees F and 32.5 degrees F respectively.

Table 3. Representative climatic features

Frost-free period (average)	221 days
Freeze-free period (average)	240 days
Precipitation total (average)	13 in

Influencing water features

This site is not influenced from water from wetlands or streams.

Soil features

Soils are very shallow to shallow, less than 20 inches in depth. Surface and subsurface textures are gravelly loamy sand, gravelly fine sandy loam or fine sandy loam.

An indurated calache layer occurs at depths of 6 to 25 inches and is at an average of 15 inches from the surface. Underlying material textures are very gravelly fine sandy loam, very gravelly sandy loam, gravelly fine sandy loam. Gravels are calcium carbonate concretions, calcium carbonate content ranges from 30 to 65 percent.

The indurated caliche layer typically holds water up in the profile for short periods within the root zone of plants. These soils will blow if left unprotected by vegetation.

Minimum and maximum values listed below represent the characteristic soils for this site.

Characteristic soils are:

Simona

Jerag

Table 4. Representative soil features

Surface texture	(1) Fine sandy loam (2) Loamy fine sand (3) Gravelly fine sandy loam
Family particle size	(1) Loamy
Drainage class	Well drained to moderately well drained
Permeability class	Moderately slow to moderate
Soil depth	7–24 in
Surface fragment cover ≤3"	5–25%
Surface fragment cover >3"	0%
Available water capacity (0-40in)	1–2 in
Calcium carbonate equivalent (0-40in)	5–15%
Electrical conductivity (0-40in)	0–4 mmhos/cm

Sodium adsorption ratio (0-40in)	0
Soil reaction (1:1 water) (0-40in)	7.4–8
Subsurface fragment volume <=3" (Depth not specified)	5–25%
Subsurface fragment volume >3" (Depth not specified)	0%

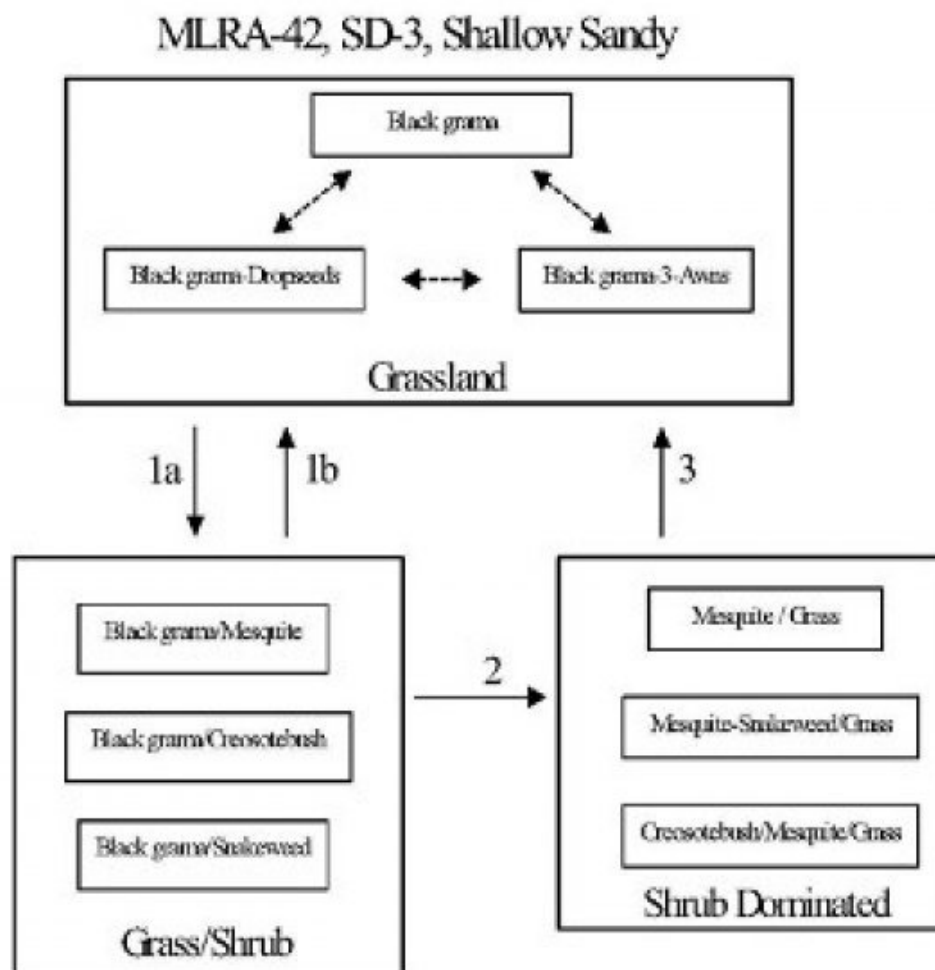
Ecological dynamics

Overview

The Shallow Sandy site occurs on upland plains, and tops of low ridges and mesas, associated with Sandy, Loamy Sand, and Shallow sites. Coarse to moderately coarse soil surface textures, shallow depth (<20 inches) to an indurated caliche layer (petrocalcic horizon), and an overwhelming dominance by black grama help to distinguish this site. The historic plant community of the Shallow Sandy site is a black grama dominated grassland sparsely dotted with shrubs. Shrubs, especially mesquite and creosotebush can increase or colonize due to the dispersal of shrub seeds by livestock or wildlife. This increase in mesquite and colonization of creosotebush may be enhanced by proximity to areas with existing high shrub densities. Fire suppression, and the loss of grass cover due to overgrazing or drought may facilitate the increase and encroachment of shrubs. Persistent loss of grass cover, competition for resources by shrubs, and periods of climate with increased winter precipitation and dry summers, may initiate the transition to a shrub-dominated state.

State and transition model

Plant Communities and Transitional Pathways (diagram)



1a. Seed dispersal, drought, overgrazing, fire suppression.

1b. Prescribed fire, brush control, prescribed grazing.

2. Persistent loss of grass cover, resource competition, increased winter precipitation.

3. Brush control, range seeding, prescribed grazing.

**State 1
Historic Climax Plant Community**

**Community 1.1
Historic Climax Plant Community**

Grassland: This site responds well to management and is resistant to state change, due to the shallow depth to petrocalcic horizon and sandy surface textures. The sandy surface textures allow rapid water infiltration and the petrocalcic horizon helps to keep water

perched and available to shallow rooted grasses. Black grama is the dominant species in the historic plant community, averaging 50 to 60 percent of the total production for this site. Bush muhly, blue grama, and dropseeds are present as sub-dominants. Typically, yucca, javalinabush, range ratany, prickly pear, and mesquite are sparsely dotted across the landscape. Leatherweed croton, cutleaf happlopappus, wooly groundsel, and threadleaf groundsel are common forbs. Continuous heavy grazing or extended periods of drought will cause a loss of grass cover characterized by a decrease in black grama, bush muhly, blue and sideoats grama, plains bristlegrass, and Arizona cottontop. Dropseeds and or threeawns may increase and become sub-dominant to black grama. Continued loss of grass cover in conjunction with dispersal of shrub seeds and fire suppression is believed to cause the transition to a state with increased amounts of shrubs (Grass/Shrub state).
 Diagnosis: Black grama is the dominant grass species. Grass cover uniformly distributed. Shrubs are a minor component averaging only two to five percent canopy cover. Litter cover is high (40-50 percent of area), and litter movement is limited to smaller size class litter and short distances (<. 5m). Other grasses that could appear on this site would include: six-weeks grama, fluffgrass, false-buffalograss, hairy grama, little bluestem, bristle panicum, cane bluestem, Indian ricegrass, tridens spp., and red lovegrass. Other woody plants include: pricklypear, cholla, fourwing saltbush, catclaw mimosa, winterfat, American tarbush and mesquite. Other forbs include: globemallow, verbena, desert holly, senna, plains blackfoot, trailing fleabane, fiddleneck, deerstongue, wooly Indianwheat, and locoweed.

Table 5. Annual production by plant type

Plant Type	Low (Lb/Acre)	Representative Value (Lb/Acre)	High (Lb/Acre)
Grass/Grasslike	474	652	830
Forb	78	107	136
Shrub/Vine	48	66	84
Total	600	825	1050

Table 6. Ground cover

Tree foliar cover	0%
Shrub/vine/liana foliar cover	0%
Grass/grasslike foliar cover	30-35%
Forb foliar cover	0%
Non-vascular plants	0%
Biological crusts	0%
Litter	40-50%
Surface fragments >0.25" and <=3"	0%
Surface fragments >3"	0%

Bedrock	0%
Water	0%
Bare ground	15-25%

Figure 5. Plant community growth curve (percent production by month). NM2802, R042XC002NM-Shallow Sandy-HCPC. SD-3 Shallow Sandy - Warm season plant community.

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
0	0	3	5	10	10	25	30	12	5	0	0

State 2 Grass/Shrub

Community 2.1 Grass/Shrub

Grass/Shrub: This state is characterized by the notable presence of shrubs, especially mesquite, broom snakeweed, and/or creosotebush, however grasses remain as the dominant species. Black grama is the dominant grass species. Threeawns and or dropseeds are sub-dominant. The susceptibility of the Shallow Sandy site to shrub encroachment may be higher when located adjacent to other sites with high densities of mesquite or creosotebush. Retrogression within this site is characterized by decreases in grass cover and increasing densities of shrubs. Diagnosis: Black grama remains as the dominant grass species. Grass cover varies in response to the amount of shrub increase, ranging from uniform to patchy. Shrubs are found at increased densities relative to the grassland state, especially mesquite, creosotebush, or broom snakeweed. Transition to Grass/Shrub (1a) Historically fire may have kept mesquite and other shrubs in check by completely killing some species and disrupting seed production cycles and suppressing the establishment of shrub seedlings in others. Fire suppression combined with seed dispersal by livestock and wildlife is believed to be the factors responsible for the establishment and increase in shrubs.1, 3 Loss of grass cover due to overgrazing, prolonged periods of drought, or their combination, reduces fire fuel loads and increases the susceptibility of the site to shrub establishment. Key indicators of approach to transition: Increase in the relative abundance of dropseeds and threeawns Presence of shrub seedlings Loss of organic matter—evidenced by an increase in physical soil crusts 8 Transition back to Grassland (1b) Brush control is necessary to initiate the transition back to the grassland state. If adequate fuel loads remain, possibly the reintroduction of fire as a management tool will assist in the transition back, however, mixed results have been observed concerning the effects of fire on black grama grasslands.6 Prescribed grazing will help ensure adequate rest following brush control and will assist in the establishment and maintenance of grass cover capable of sustaining fire.

State 3 Shrub Dominated

Community 3.1 Shrub Dominated

Shrub-Dominated: Across the range of soil types included in the Shallow Sandy site, mesquite is typically the dominant shrub, but it does occur as a co-dominant or sub-dominant species with creosotebush or broom snakeweed. Mesquite tends to dominate when the Shallow Sandy site occurs as part of a complex or in association with Sandy or Loamy Sand sites. Creosotebush tends to dominate on Shallow Sandy sites that occur as part of, or adjacent to Shallow Sites. Broom snakeweed increases in response to heavy grazing, but tends to cycle in and out depending on timing of rainfall. However, once the site is dominated by shrubs and snakeweed becomes well established, it tends to remain as a major component in the shrub dominated state. Diagnosis: Mesquite, creosotebush, or snakeweed cover is high, exceeding that of grasses. Grass cover is patchy with large connected bare areas present. Black grama, threeawns, or dropseeds may be the dominant grass. Evidence of accelerated wind erosion in the form of pedestalling of plants, and soil deposition around shrub bases may be common. Transition to Shrub-Dominated (2) Persistent loss of grass cover and the resulting increased competition between shrubs and remaining grasses for dwindling resources (especially soil moisture) may drive this transition.⁵ Additionally periods of increased winter precipitation may facilitate periodic episodes of shrub expansion and establishment. 4 Key indicators of approach to transition: Increase in size and frequency of bare patches. Loss of grass cover in shrub interspaces. Increased signs of erosion, evidenced by pedestalling of plants, and soil and litter deposition on leeward side of plants. 7 Transition back to Grassland (3) Brush control is necessary to reduce competition from shrubs and reestablish grasses. Range seeding may be necessary if insufficient grasses remain, The benefits, and costs, will vary depending upon the degree of site degradation, and adequate precipitation following seeding.

Additional community tables

Table 7. Community 1.1 plant community composition

Group	Common Name	Symbol	Scientific Name	Annual Production (Lb/Acre)	Foliar Cover (%)
Grass/Grasslike					
1	Warm Season			413–495	
	black grama	BOER4	<i>Bouteloua eriopoda</i>	413–495	–
2	Warm Season			41–83	
	bush muhly	MUPO2	<i>Muhlenbergia porteri</i>	41–83	–
3	Warm Season			41–83	

	blue grama	BOGR2	<i>Bouteloua gracilis</i>	41-83	-
4	Warm Season			25-41	
	sideoats grama	BOCU	<i>Bouteloua curtipendula</i>	25-41	-
5	Warm Season			41-83	
	spike dropseed	SPCO4	<i>Sporobolus contractus</i>	41-83	-
	sand dropseed	SPCR	<i>Sporobolus cryptandrus</i>	41-83	-
	mesa dropseed	SPFL2	<i>Sporobolus flexuosus</i>	41-83	-
6	Warm Season			17-41	
	threeawn	ARIST	<i>Aristida</i>	17-41	-
7	Warm Season			41-83	
	Arizona cottontop	DICA8	<i>Digitaria californica</i>	41-83	-
	plains bristlegrass	SEVU2	<i>Setaria vulpiseta</i>	41-83	-
8	Warm Season			41-83	
	mat sandbur	CELO3	<i>Cenchrus longispinus</i>	41-83	-
	hooded windmill grass	CHCU2	<i>Chloris cucullata</i>	41-83	-
9	Other Perennial Grasses			25-41	
	Grass, perennial	2GP	<i>Grass, perennial</i>	25-41	-
Shrub/Vine					
10	Shrub			8-25	
	javelina bush	COER5	<i>Condalia ericoides</i>	8-25	-
11	Shrub			8-25	
	yucca	YUCCA	<i>Yucca</i>	8-25	-
12	Shrub			8-25	
	jointfir	EPHED	<i>Ephedra</i>	8-25	-
	littleleaf ratany	KRER	<i>Krameria erecta</i>	8-25	-
13	Shrub			8-25	
	featherplume	DAFO	<i>Dalea formosa</i>	8-25	-
14	Shrub			8-25	
	broom snakeweed	GUSA2	<i>Gutierrezia sarothrae</i>	8-25	-
15	Other Shrubs			25-41	
	Shrub (>.5m)	2SHRUB	<i>Shrub (>.5m)</i>	25-41	-
Forb					
16	Forb			17-41	
	leatherweed	CRPOP	<i>Croton pottsii var. pottsii</i>	17-41	-

	Goodding's tansyaster	MAPIG2	<i>Machaeranthera pinnatifida</i> <i>ssp. gooddingii</i> var. <i>gooddingii</i>	17-41	-
17	Forb			17-41	
	woolly groundsel	PACA15	<i>Packera cana</i>	17-41	-
	threadleaf ragwort	SEFLF	<i>Senecio flaccidus</i> var. <i>flaccidus</i>	17-41	-
18	Forb			8-25	
	whitest evening primrose	OEAL	<i>Oenothera albicaulis</i>	8-25	-
19	Other Forbs			8-25	
	Forb (herbaceous, not grass nor grass-like)	2FORB	<i>Forb (herbaceous, not grass nor grass-like)</i>	8-25	-

Animal community

This site provides habitats which support a resident animal community that is characterized by pronghorn antelope, swift fox, black-tailed jackrabbit, spotted ground squirrel, Ord's kangaroo rat, northern grasshopper mouse, coyote, horned lark, meadowlark, lark bunting, scaled quail, morning dove, side-blotched lizard, round-tailed horned lizard, marbled whiptail, prairie rattlesnake and ornate box turtle.

Hydrological functions

The runoff curve numbers are determined by field investigations using hydraulic cover conditions and hydrologic soil groups.

Hydrologic Interpretations
Soil Series Hydrologic Group
Jarag D
Simona D

Recreational uses

This site offers recreation for hiking, horseback riding, nature observation and photography, and quail and dove hunting. During years of abundant spring moisture, this site displays a riot of color from wildflowers during May and June. A few summer and fall flowers also occur.

Wood products

The natural potential plant community of this site affords little or no wood products. Where the site has been invaded by mesquite or cholla cactus the roots and stems of these plants provide attractive material for a variety of curiosities, such as lamps and small furniture.

Other products

This site is suitable for grazing by all kinds and classes of livestock during all seasons of the year. Because of the sandy textures and shallow profile, this site will respond rapidly to management. As this site deteriorates, plants such as black grama, bush muhly, blue and sideoats grama, plains bristlegress and Arizona cottontop, will decrease and be replaced by plants such as threeawns, mesquite, creosote bush, and broom snakeweed. This also causes a decrease in ground cover, leaving the soil to blow. This site responds best to a system of management that rotates the season of use.

Other information

Guide to Suggested Initial Stocking Rate Acres per Animal Unit Month

Similarity Index Ac/AUM

100 - 76 2.5 – 3.5

75 – 51 3.2 – 4.6

50 – 26 4.5 – 7.5

25 – 0 7.6 +

Inventory data references

Data collection for this site was done in conjunction with the progressive soil surveys within the Southern Desertic Basins, Plains and Mountains, Major Land Resource Areas of New Mexico. This site has been mapped and correlated with soils in the following soil surveys. Eddy County, Lea County, and Chaves County.

Other references

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1. Brooks, M.L. and D.A. Pyke. 2001. Invasive plants and fire in the deserts of North America. Pages 1–14 in K.E.M. Galley and T.P. Wilson (eds.). Proceedings of the Invasive Species Workshop: the Role of Fire in the Control and Spread of Invasive Species.
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Contributors

David Trujillo
Don Sylvester

Rangeland health reference sheet

Interpreting Indicators of Rangeland Health is a qualitative assessment protocol used to determine ecosystem condition based on benchmark characteristics described in the Reference Sheet. A suite of 17 (or more) indicators are typically considered in an assessment. The ecological site(s) representative of an assessment location must be known prior to applying the protocol and must be verified based on soils and climate. Current plant community cannot be used to identify the ecological site.

Author(s)/participant(s)	
Contact for lead author	
Date	

Approved by	
Approval date	
Composition (Indicators 10 and 12) based on	Annual Production

Indicators

1. **Number and extent of rills:**

2. **Presence of water flow patterns:**

3. **Number and height of erosional pedestals or terracettes:**

4. **Bare ground from Ecological Site Description or other studies (rock, litter, lichen, moss, plant canopy are not bare ground):**

5. **Number of gullies and erosion associated with gullies:**

6. **Extent of wind scoured, blowouts and/or depositional areas:**

7. **Amount of litter movement (describe size and distance expected to travel):**

8. **Soil surface (top few mm) resistance to erosion (stability values are averages - most sites will show a range of values):**

9. **Soil surface structure and SOM content (include type of structure and A-horizon color and thickness):**

10. **Effect of community phase composition (relative proportion of different functional groups) and spatial distribution on infiltration and runoff:**

11. **Presence and thickness of compaction layer (usually none; describe soil profile features which may be mistaken for compaction on this site):**

12. **Functional/Structural Groups (list in order of descending dominance by above-ground annual-production or live foliar cover using symbols: >>, >, = to indicate much greater than, greater than, and equal to):**

Dominant:

Sub-dominant:

Other:

Additional:

13. **Amount of plant mortality and decadence (include which functional groups are expected to show mortality or decadence):**

14. **Average percent litter cover (%) and depth (in):**

15. **Expected annual annual-production (this is TOTAL above-ground annual-production, not just forage annual-production):**

16. **Potential invasive (including noxious) species (native and non-native). List species which BOTH characterize degraded states and have the potential to become a dominant or co-dominant species on the ecological site if their future establishment and growth is not actively controlled by management interventions. Species that become dominant for only one to several years (e.g., short-term response to drought or wildfire) are not invasive plants. Note that unlike other indicators, we are describing what is NOT expected in the reference state for the ecological site:**

17. **Perennial plant reproductive capability:**



Ecological site R070BD002NM Shallow Sandy

Accessed: 03/09/2026

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The average annual precipitation ranges from 8 to 13 inches. Variations of 5 inches, more or less, are common. Over 80 percent of the precipitation falls from April through October. Most of the summer precipitation comes in the form of high intensity – short duration thunderstorms.

Temperatures are characterized by distinct seasonal changes and large annual and diurnal temperature changes. The average annual temperature is 61 degrees with extremes of 25 degrees below zero in the winter to 112 degrees in the summer. The average frost-free season is from 207 to 220 days. The last killing frost is in late March or early April, and the first killing frost is in late October or early November. Temperature and rainfall both favor warm season perennial plant growth. In years of abundant spring moisture, annual forbs and cool season grasses can make up an important component of the site. The vegetation of this site can take advantage of the moisture and the time it falls. Because of the soil profile, little moisture can be stored in the soil for any length of time. Moisture is readily available to the plants from the time it falls. Strong winds from the southwest blow from January through June which rapidly dries out the soil profile during a critical period for plant growth.

Climate data was obtained from <http://www.wrcc.sage.dri.edu/summary/climsmnm.html> web site using 50% probability for freeze-free and frost-free seasons using 28.5 degrees F and 32.5 degrees F respectively.

Table 3. Representative climatic features

Frost-free period (average)	221 days
Freeze-free period (average)	240 days
Precipitation total (average)	13 in

Influencing water features

This site is not influenced from water from wetlands or streams.

Soil features

Soils are very shallow to shallow, less than 20 inches in depth. Surface and subsurface textures are gravelly loamy sand, gravelly fine sandy loam or fine sandy loam.

An indurated calache layer occurs at depths of 6 to 25 inches and is at an average of 15 inches from the surface. Underlying material textures are very gravelly fine sandy loam, very gravelly sandy loam, gravelly fine sandy loam. Gravels are calcium carbonate concretions, calcium carbonate content ranges from 30 to 65 percent.

The indurated caliche layer typically holds water up in the profile for short periods within the root zone of plants. These soils will blow if left unprotected by vegetation.

Minimum and maximum values listed below represent the characteristic soils for this site.

Characteristic soils are:

Simona

Jerag

Table 4. Representative soil features

Surface texture	(1) Fine sandy loam (2) Loamy fine sand (3) Gravelly fine sandy loam
Family particle size	(1) Loamy
Drainage class	Well drained to moderately well drained
Permeability class	Moderately slow to moderate
Soil depth	7–24 in
Surface fragment cover ≤3"	5–25%
Surface fragment cover >3"	0%
Available water capacity (0-40in)	1–2 in
Calcium carbonate equivalent (0-40in)	5–15%
Electrical conductivity (0-40in)	0–4 mmhos/cm

Sodium adsorption ratio (0-40in)	0
Soil reaction (1:1 water) (0-40in)	7.4–8
Subsurface fragment volume <=3" (Depth not specified)	5–25%
Subsurface fragment volume >3" (Depth not specified)	0%

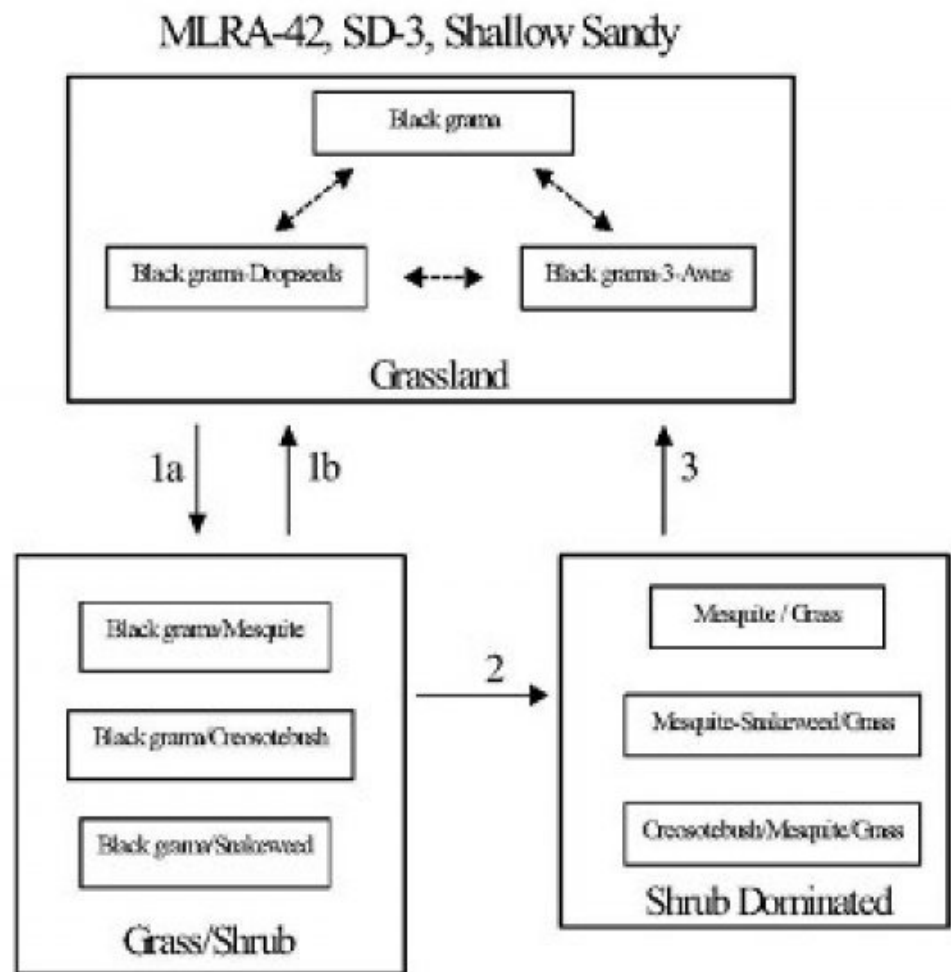
Ecological dynamics

Overview

The Shallow Sandy site occurs on upland plains, and tops of low ridges and mesas, associated with Sandy, Loamy Sand, and Shallow sites. Coarse to moderately coarse soil surface textures, shallow depth (<20 inches) to an indurated caliche layer (petrocalcic horizon), and an overwhelming dominance by black grama help to distinguish this site. The historic plant community of the Shallow Sandy site is a black grama dominated grassland sparsely dotted with shrubs. Shrubs, especially mesquite and creosotebush can increase or colonize due to the dispersal of shrub seeds by livestock or wildlife. This increase in mesquite and colonization of creosotebush may be enhanced by proximity to areas with existing high shrub densities. Fire suppression, and the loss of grass cover due to overgrazing or drought may facilitate the increase and encroachment of shrubs. Persistent loss of grass cover, competition for resources by shrubs, and periods of climate with increased winter precipitation and dry summers, may initiate the transition to a shrub-dominated state.

State and transition model

Plant Communities and Transitional Pathways (diagram)



1a. Seed dispersal, drought, overgrazing, fire suppression.

1b. Prescribed fire, brush control, prescribed grazing.

2. Persistent loss of grass cover, resource competition, increased winter precipitation.

3. Brush control, range seeding, prescribed grazing.

**State 1
Historic Climax Plant Community**

**Community 1.1
Historic Climax Plant Community**

Grassland: This site responds well to management and is resistant to state change, due to the shallow depth to petrocalcic horizon and sandy surface textures. The sandy surface textures allow rapid water infiltration and the petrocalcic horizon helps to keep water

perched and available to shallow rooted grasses. Black grama is the dominant species in the historic plant community, averaging 50 to 60 percent of the total production for this site. Bush muhly, blue grama, and dropseeds are present as sub-dominants. Typically, yucca, javalinabush, range ratany, prickly pear, and mesquite are sparsely dotted across the landscape. Leatherweed croton, cutleaf happlopappus, wooly groundsel, and threadleaf groundsel are common forbs. Continuous heavy grazing or extended periods of drought will cause a loss of grass cover characterized by a decrease in black grama, bush muhly, blue and sideoats grama, plains bristlegrass, and Arizona cottontop. Dropseeds and or threeawns may increase and become sub-dominant to black grama. Continued loss of grass cover in conjunction with dispersal of shrub seeds and fire suppression is believed to cause the transition to a state with increased amounts of shrubs (Grass/Shrub state).
 Diagnosis: Black grama is the dominant grass species. Grass cover uniformly distributed. Shrubs are a minor component averaging only two to five percent canopy cover. Litter cover is high (40-50 percent of area), and litter movement is limited to smaller size class litter and short distances (<. 5m). Other grasses that could appear on this site would include: six-weeks grama, fluffgrass, false-buffalograss, hairy grama, little bluestem, bristle panicum, cane bluestem, Indian ricegrass, tridens spp., and red lovegrass. Other woody plants include: pricklypear, cholla, fourwing saltbush, catclaw mimosa, winterfat, American tarbush and mesquite. Other forbs include: globemallow, verbena, desert holly, senna, plains blackfoot, trailing fleabane, fiddleneck, deerstongue, wooly Indianwheat, and locoweed.

Table 5. Annual production by plant type

Plant Type	Low (Lb/Acre)	Representative Value (Lb/Acre)	High (Lb/Acre)
Grass/Grasslike	474	652	830
Forb	78	107	136
Shrub/Vine	48	66	84
Total	600	825	1050

Table 6. Ground cover

Tree foliar cover	0%
Shrub/vine/liana foliar cover	0%
Grass/grasslike foliar cover	30-35%
Forb foliar cover	0%
Non-vascular plants	0%
Biological crusts	0%
Litter	40-50%
Surface fragments >0.25" and <=3"	0%
Surface fragments >3"	0%

Bedrock	0%
Water	0%
Bare ground	15-25%

Figure 5. Plant community growth curve (percent production by month). NM2802, R042XC002NM-Shallow Sandy-HCPC. SD-3 Shallow Sandy - Warm season plant community.

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
0	0	3	5	10	10	25	30	12	5	0	0

State 2 Grass/Shrub

Community 2.1 Grass/Shrub

Grass/Shrub: This state is characterized by the notable presence of shrubs, especially mesquite, broom snakeweed, and/or creosotebush, however grasses remain as the dominant species. Black grama is the dominant grass species. Threeawns and or dropseeds are sub-dominant. The susceptibility of the Shallow Sandy site to shrub encroachment may be higher when located adjacent to other sites with high densities of mesquite or creosotebush. Retrogression within this site is characterized by decreases in grass cover and increasing densities of shrubs. Diagnosis: Black grama remains as the dominant grass species. Grass cover varies in response to the amount of shrub increase, ranging from uniform to patchy. Shrubs are found at increased densities relative to the grassland state, especially mesquite, creosotebush, or broom snakeweed. Transition to Grass/Shrub (1a) Historically fire may have kept mesquite and other shrubs in check by completely killing some species and disrupting seed production cycles and suppressing the establishment of shrub seedlings in others. Fire suppression combined with seed dispersal by livestock and wildlife is believed to be the factors responsible for the establishment and increase in shrubs.1, 3 Loss of grass cover due to overgrazing, prolonged periods of drought, or their combination, reduces fire fuel loads and increases the susceptibility of the site to shrub establishment. Key indicators of approach to transition: Increase in the relative abundance of dropseeds and threeawns Presence of shrub seedlings Loss of organic matter—evidenced by an increase in physical soil crusts 8 Transition back to Grassland (1b) Brush control is necessary to initiate the transition back to the grassland state. If adequate fuel loads remain, possibly the reintroduction of fire as a management tool will assist in the transition back, however, mixed results have been observed concerning the effects of fire on black grama grasslands.6 Prescribed grazing will help ensure adequate rest following brush control and will assist in the establishment and maintenance of grass cover capable of sustaining fire.

State 3 Shrub Dominated

Community 3.1 Shrub Dominated

Shrub-Dominated: Across the range of soil types included in the Shallow Sandy site, mesquite is typically the dominant shrub, but it does occur as a co-dominant or sub-dominant species with creosotebush or broom snakeweed. Mesquite tends to dominate when the Shallow Sandy site occurs as part of a complex or in association with Sandy or Loamy Sand sites. Creosotebush tends to dominate on Shallow Sandy sites that occur as part of, or adjacent to Shallow Sites. Broom snakeweed increases in response to heavy grazing, but tends to cycle in and out depending on timing of rainfall. However, once the site is dominated by shrubs and snakeweed becomes well established, it tends to remain as a major component in the shrub dominated state. Diagnosis: Mesquite, creosotebush, or snakeweed cover is high, exceeding that of grasses. Grass cover is patchy with large connected bare areas present. Black grama, threeawns, or dropseeds may be the dominant grass. Evidence of accelerated wind erosion in the form of pedestalling of plants, and soil deposition around shrub bases may be common. Transition to Shrub-Dominated (2) Persistent loss of grass cover and the resulting increased competition between shrubs and remaining grasses for dwindling resources (especially soil moisture) may drive this transition.⁵ Additionally periods of increased winter precipitation may facilitate periodic episodes of shrub expansion and establishment. 4 Key indicators of approach to transition: Increase in size and frequency of bare patches. Loss of grass cover in shrub interspaces. Increased signs of erosion, evidenced by pedestalling of plants, and soil and litter deposition on leeward side of plants. 7 Transition back to Grassland (3) Brush control is necessary to reduce competition from shrubs and reestablish grasses. Range seeding may be necessary if insufficient grasses remain, The benefits, and costs, will vary depending upon the degree of site degradation, and adequate precipitation following seeding.

Additional community tables

Table 7. Community 1.1 plant community composition

Group	Common Name	Symbol	Scientific Name	Annual Production (Lb/Acre)	Foliar Cover (%)
Grass/Grasslike					
1	Warm Season			413–495	
	black grama	BOER4	<i>Bouteloua eriopoda</i>	413–495	–
2	Warm Season			41–83	
	bush muhly	MUPO2	<i>Muhlenbergia porteri</i>	41–83	–
3	Warm Season			41–83	

	blue grama	BOGR2	<i>Bouteloua gracilis</i>	41-83	-
4	Warm Season			25-41	
	sideoats grama	BOCU	<i>Bouteloua curtipendula</i>	25-41	-
5	Warm Season			41-83	
	spike dropseed	SPCO4	<i>Sporobolus contractus</i>	41-83	-
	sand dropseed	SPCR	<i>Sporobolus cryptandrus</i>	41-83	-
	mesa dropseed	SPFL2	<i>Sporobolus flexuosus</i>	41-83	-
6	Warm Season			17-41	
	threeawn	ARIST	<i>Aristida</i>	17-41	-
7	Warm Season			41-83	
	Arizona cottontop	DICA8	<i>Digitaria californica</i>	41-83	-
	plains bristlegrass	SEVU2	<i>Setaria vulpiseta</i>	41-83	-
8	Warm Season			41-83	
	mat sandbur	CELO3	<i>Cenchrus longispinus</i>	41-83	-
	hooded windmill grass	CHCU2	<i>Chloris cucullata</i>	41-83	-
9	Other Perennial Grasses			25-41	
	Grass, perennial	2GP	<i>Grass, perennial</i>	25-41	-
Shrub/Vine					
10	Shrub			8-25	
	javelina bush	COER5	<i>Condalia ericoides</i>	8-25	-
11	Shrub			8-25	
	yucca	YUCCA	<i>Yucca</i>	8-25	-
12	Shrub			8-25	
	jointfir	EPHED	<i>Ephedra</i>	8-25	-
	littleleaf ratany	KRER	<i>Krameria erecta</i>	8-25	-
13	Shrub			8-25	
	featherplume	DAFO	<i>Dalea formosa</i>	8-25	-
14	Shrub			8-25	
	broom snakeweed	GUSA2	<i>Gutierrezia sarothrae</i>	8-25	-
15	Other Shrubs			25-41	
	Shrub (>.5m)	2SHRUB	<i>Shrub (>.5m)</i>	25-41	-
Forb					
16	Forb			17-41	
	leatherweed	CRPOP	<i>Croton pottsii var. pottsii</i>	17-41	-

	Goodding's tansyaster	MAPIG2	<i>Machaeranthera pinnatifida</i> <i>ssp. gooddingii</i> var. <i>gooddingii</i>	17-41	-
17	Forb			17-41	
	woolly groundsel	PACA15	<i>Packera cana</i>	17-41	-
	threadleaf ragwort	SEFLF	<i>Senecio flaccidus</i> var. <i>flaccidus</i>	17-41	-
18	Forb			8-25	
	whitest evening primrose	OEAL	<i>Oenothera albicaulis</i>	8-25	-
19	Other Forbs			8-25	
	Forb (herbaceous, not grass nor grass-like)	2FORB	<i>Forb (herbaceous, not grass nor grass-like)</i>	8-25	-

Animal community

This site provides habitats which support a resident animal community that is characterized by pronghorn antelope, swift fox, black-tailed jackrabbit, spotted ground squirrel, Ord's kangaroo rat, northern grasshopper mouse, coyote, horned lark, meadowlark, lark bunting, scaled quail, morning dove, side-blotched lizard, round-tailed horned lizard, marbled whiptail, prairie rattlesnake and ornate box turtle.

Hydrological functions

The runoff curve numbers are determined by field investigations using hydraulic cover conditions and hydrologic soil groups.

Hydrologic Interpretations
Soil Series Hydrologic Group
Jarag D
Simona D

Recreational uses

This site offers recreation for hiking, horseback riding, nature observation and photography, and quail and dove hunting. During years of abundant spring moisture, this site displays a riot of color from wildflowers during May and June. A few summer and fall flowers also occur.

Wood products

The natural potential plant community of this site affords little or no wood products. Where the site has been invaded by mesquite or cholla cactus the roots and stems of these plants provide attractive material for a variety of curiosities, such as lamps and small furniture.

Other products

This site is suitable for grazing by all kinds and classes of livestock during all seasons of the year. Because of the sandy textures and shallow profile, this site will respond rapidly to management. As this site deteriorates, plants such as black grama, bush muhly, blue and sideoats grama, plains bristlegass and Arizona cottontop, will decrease and be replaced by plants such as threeawns, mesquite, creosote bush, and broom snakeweed. This also causes a decrease in ground cover, leaving the soil to blow. This site responds best to a system of management that rotates the season of use.

Other information

Guide to Suggested Initial Stocking Rate Acres per Animal Unit Month

Similarity Index Ac/AUM

100 - 76 2.5 – 3.5

75 – 51 3.2 – 4.6

50 – 26 4.5 – 7.5

25 – 0 7.6 +

Inventory data references

Data collection for this site was done in conjunction with the progressive soil surveys within the Southern Desertic Basins, Plains and Mountains, Major Land Resource Areas of New Mexico. This site has been mapped and correlated with soils in the following soil surveys. Eddy County, Lea County, and Chaves County.

Other references

Literature References:

1. Brooks, M.L. and D.A. Pyke. 2001. Invasive plants and fire in the deserts of North America. Pages 1–14 in K.E.M. Galley and T.P. Wilson (eds.). Proceedings of the Invasive Species Workshop: the Role of Fire in the Control and Spread of Invasive Species.
2. Hennessy, J.T., R.P. Gibbens, J.M. Tromble, and M. Cardenas. 1983. Water properties of caliche. *J. Range Manage.* 36: 723-726.
3. Humphrey, R.R. 1974. Fire in the deserts and desert grassland of North America. In:

Kozlowski, T. T.; Ahlgren, C. E., eds. Fire and ecosystems. New York: Academic Press: 365-400.

4. Moir, W.H., and J. A. Ludwig. 1991. Plant succession and changing land features in desert grasslands. P. 15-18. In P.F. Ffolliott and W.T. Swank (eds.) People and the temperate region: a summary of research from the United States Man and the Biosphere Program 1991. U.S. Dept. State, Publ No. 9839, Nat. Tech. Info. Serv., U.S. Dept. Commerce, Springfield, Illinois. 63 p.

5. Tiedemann, A. R. and J. O. Klemmedson. 1977. Effect of mesquite trees on vegetation and soils in the desert grassland. J. Range Manage. 30: 361-367.

6. U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station, Fire Sciences Laboratory (2002, September). Fire Effects Information System, [Online]. Available: <http://www.fs.fed.us/database/feis/> [accessed 2/10/03].

7. U.S. Department of Agriculture, Natural Resources Conservation Service. 2001. Soil Quality Information Sheets. Rangeland Soil Quality—Wind Erosion. Rangeland Sheet 10 [Online]. Available: <http://www.statlab.iastate.edu/survey/SQL/range.html>

8. U.S. Department of Agriculture, Natural Resources Conservation Service. 2001. Soil Quality Information Sheets. Rangeland Soil Quality—Physical and Biological Soil Crusts. Rangeland Sheet 7 [Online]. Available: <http://www.statlab.iastate.edu/survey/SQL/range.html>

Contributors

David Trujillo
Don Sylvester

Rangeland health reference sheet

Interpreting Indicators of Rangeland Health is a qualitative assessment protocol used to determine ecosystem condition based on benchmark characteristics described in the Reference Sheet. A suite of 17 (or more) indicators are typically considered in an assessment. The ecological site(s) representative of an assessment location must be known prior to applying the protocol and must be verified based on soils and climate. Current plant community cannot be used to identify the ecological site.

Author(s)/participant(s)	
Contact for lead author	
Date	

Approved by	
Approval date	
Composition (Indicators 10 and 12) based on	Annual Production

Indicators

1. **Number and extent of rills:**

2. **Presence of water flow patterns:**

3. **Number and height of erosional pedestals or terracettes:**

4. **Bare ground from Ecological Site Description or other studies (rock, litter, lichen, moss, plant canopy are not bare ground):**

5. **Number of gullies and erosion associated with gullies:**

6. **Extent of wind scoured, blowouts and/or depositional areas:**

7. **Amount of litter movement (describe size and distance expected to travel):**

8. **Soil surface (top few mm) resistance to erosion (stability values are averages - most sites will show a range of values):**

9. **Soil surface structure and SOM content (include type of structure and A-horizon color and thickness):**

10. **Effect of community phase composition (relative proportion of different functional groups) and spatial distribution on infiltration and runoff:**

11. **Presence and thickness of compaction layer (usually none; describe soil profile features which may be mistaken for compaction on this site):**

12. **Functional/Structural Groups (list in order of descending dominance by above-ground annual-production or live foliar cover using symbols: >>, >, = to indicate much greater than, greater than, and equal to):**

Dominant:

Sub-dominant:

Other:

Additional:

13. **Amount of plant mortality and decadence (include which functional groups are expected to show mortality or decadence):**

14. **Average percent litter cover (%) and depth (in):**

15. **Expected annual annual-production (this is TOTAL above-ground annual-production, not just forage annual-production):**

16. **Potential invasive (including noxious) species (native and non-native). List species which BOTH characterize degraded states and have the potential to become a dominant or co-dominant species on the ecological site if their future establishment and growth is not actively controlled by management interventions. Species that become dominant for only one to several years (e.g., short-term response to drought or wildfire) are not invasive plants. Note that unlike other indicators, we are describing what is NOT expected in the reference state for the ecological site:**

| Appendix D

P.O. Box 62228 Midland TX 79711 Tel: 432-563-2200 Fax: 432-563-2213



Stephanie Garcia Richard, Commissioner of Public Lands
State of New Mexico

NMSLO Cultural Resources Cover Sheet Exhibit A

NMCRIS Activity Number: 158400
(if applicable)

Exhibit Type (select one)

- ARMS Inspection/Review - Summarize the results (select one):
 - (A) The entire area of potential effect or project area has been previously surveyed to current standards and **no cultural properties** were found within the survey area.
 - (B) The entire area of potential effect or project area has been previously surveyed to current standards and **cultural properties were found** within the survey area.
 - (C) The entire area of potential effect or project area has **not** been previously surveyed or **has not been surveyed** to current standards. A complete archaeological survey will be conducted and submitted for review.

Archaeological Survey

Findings:

- Negative** - No further archaeological review is required.
- Positive** - Have avoidance and protection measures been devised? Select one:

Comments:

Project Details:

NMSLO Lease Number (if available): GT3142, XO06480150, (

Cultural Resources Consultant: Lone Mountain Archaeological Services, Inc.

Project Proponent (Applicant): E-tech Environmental

Project Title/Description: Turkey Track 11 State 001 Spill Remediation

Project Location:

County(ies): Eddy

PLSS/Section/Township/Range): S11/T19S/R28E

For NMSLO Agency Use Only:

NMSLO Lease Number: Acknowledgment-Only:

Lease Analyst:

Date Exhibit Routed to Cultural Resources Office:

No person may alter the wording of the questions or layout of the cover sheet. The completion of this cover sheet by itself does not authorize anyone to engage in new surface disturbing activity before the review and approvals required by the Cultural Properties Protections Rule.

| Appendix E

P.O. Box 62228 Midland TX 79711 Tel: 432-563-2200 Fax: 432-563-2213

IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

Location

Eddy County, New Mexico



Local office

New Mexico Ecological Services Field Office

☎ (505) 346-2525

📠 (505) 346-2542

2105 Osuna Road Ne
Albuquerque, NM 87113-1001

Endangered species

This resource list is for informational purposes only and does not constitute an analysis of project level impacts.

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

1. Draw the project location and click CONTINUE.
2. Click DEFINE PROJECT.
3. Log in (if directed to do so).
4. Provide a name and description for your project.
5. Click REQUEST SPECIES LIST.

Listed species¹ and their critical habitats are managed by the [Ecological Services Program](#) of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries²).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact [NOAA Fisheries](#) for [species under their jurisdiction](#).

1. Species listed under the [Endangered Species Act](#) are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the [listing status page](#) for more information. IPaC only shows species that are regulated by USFWS (see FAQ).
2. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following species are potentially affected by activities in this location:

Birds

NAME	STATUS
Northern Aplomado Falcon <i>Falco femoralis septentrionalis</i> No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/1923	EXPN
Piping Plover <i>Charadrius melodus</i> There is final critical habitat for this species. Your location does not overlap the critical habitat. https://ecos.fws.gov/ecp/species/6039	Threatened

Clams

NAME	STATUS
Texas Hornshell <i>Popenaias popeii</i> Wherever found There is proposed critical habitat for this species. Your location does not overlap the critical habitat. https://ecos.fws.gov/ecp/species/919	Endangered

Insects

NAME	STATUS
Monarch Butterfly Danaus plexippus Wherever found There is proposed critical habitat for this species. Your location does not overlap the critical habitat. https://ecos.fws.gov/ecp/species/9743	Proposed Threatened

Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

There are no critical habitats at this location.

You are still required to determine if your project(s) may have effects on all above listed species.

Bald & Golden Eagles

Bald and Golden Eagles are protected under the Bald and Golden Eagle Protection Act ² and the Migratory Bird Treaty Act (MBTA) ¹. Any person or organization who plans or conducts activities that may result in impacts to Bald or Golden Eagles, or their nests, should follow appropriate regulations and implement required avoidance and minimization measures, as described in the various links on this page.

The [data](#) in this location indicates that no eagles have been observed in this area. This does not mean eagles are not present in your project area, especially if the area is difficult to survey. Please review the 'Steps to Take When No Results Are Returned' section of the [Supplemental Information on Migratory Birds and Eagles document](#) to determine if your project is in a poorly surveyed area. If it is, you may need to rely on other resources to determine if eagles may be present (e.g. your local FWS field office, state surveys, your own surveys).

Additional information can be found using the following links:

- Eagle Management <https://www.fws.gov/program/eagle-management>
- Measures for avoiding and minimizing impacts to birds <https://www.fws.gov/library/collections/avoiding-and-minimizing-incident-take-migratory-birds>
- Nationwide avoidance and minimization measures for birds <https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf>
- Supplemental Information for Migratory Birds and Eagles in IPaC <https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action>

Bald & Golden Eagles FAQs

What does IPaC use to generate the potential presence of bald and golden eagles in my specified location?

The potential for eagle presence is derived from data provided by the [Avian Knowledge Network \(AKN\)](#). The AKN data is based on a growing collection of [survey, banding, and citizen science datasets](#) and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are an eagle ([Bald and Golden Eagle Protection Act](#) requirements may apply).

Proper interpretation and use of your eagle report

On the graphs provided, please look carefully at the survey effort (indicated by the black vertical line) and for the existence of the "no data" indicator (a red horizontal line). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort line or no data line (red horizontal) means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list and associated information help you know what to look for to confirm presence and helps guide you in knowing when to implement avoidance and minimization measures to eliminate or reduce potential impacts from your project activities or get the appropriate permits should presence be confirmed.

How do I know if eagles are breeding, wintering, or migrating in my area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating, or resident), you may query your location using the [RAIL Tool](#) and view the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If an eagle on your IPaC migratory bird species list has a breeding season associated with it (indicated by yellow vertical bars on the phenology graph in your "IPaC PROBABILITY OF PRESENCE SUMMARY" at the top of your results list), there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

Interpreting the Probability of Presence Graphs

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. A taller bar indicates a higher probability of species presence. The survey effort can be used to establish a level of confidence in the presence score.

How is the probability of presence score calculated? The calculation is done in three steps:

The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.

To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is $0.25/0.25 = 1$; at week 20 it is $0.05/0.25 = 0.2$.

The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

Breeding Season ()

Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort ()

Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

No Data ()

A week is marked as having no data if there were no survey events for that week.

Survey Timeframe

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.

Migratory birds

The Migratory Bird Treaty Act (MBTA)¹ prohibits the take (including killing, capturing, selling, trading, and transport) of protected migratory bird species without prior authorization by the Department of Interior U.S. Fish and Wildlife Service (Service).

1. The [Migratory Birds Treaty Act](#) of 1918.
2. The [Bald and Golden Eagle Protection Act](#) of 1940.

Additional information can be found using the following links:

- Eagle Management <https://www.fws.gov/program/eagle-management>
- Measures for avoiding and minimizing impacts to birds <https://www.fws.gov/library/collections/avoiding-and-minimizing-incident-take-migratory-birds>
- Nationwide avoidance and minimization measures for birds
- Supplemental Information for Migratory Birds and Eagles in IPaC <https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action>

Measures for Proactively Minimizing Migratory Bird Impacts

Your IPaC Migratory Bird list showcases [birds of concern](#), including [Birds of Conservation Concern \(BCC\)](#), in your project location. This is not a comprehensive list of all birds found in your project area. However, you can help proactively minimize significant impacts to all birds at your project location by implementing the measures in the [Nationwide avoidance and minimization measures for birds](#) document, and any other project-specific avoidance and minimization measures suggested at the link [Measures for avoiding and minimizing impacts to birds](#) for the birds of concern on your list below.

Ensure Your Migratory Bird List is Accurate and Complete

If your project area is in a poorly surveyed area, your list may not be complete and you may need to rely on other resources to determine what species may be present (e.g. your local FWS field office, state surveys, your own surveys). Please review the [Supplemental Information on Migratory Birds and Eagles document](#), to help you properly interpret the report for your specified location, including determining if there is sufficient data to ensure your list is accurate.

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, see the "Probability of Presence Summary" below to see when these birds are most likely to be present and breeding in your project area.

Review the FAQs

The FAQs below provide important additional information and resources.

NAME

BREEDING SEASON

Ferruginous Hawk *Buteo regalis*

Breeds Mar 15 to Aug 15

This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA
<https://ecos.fws.gov/ecp/species/6038>

Probability of Presence Summary

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read ["Supplemental Information on Migratory Birds and Eagles"](#), specifically the FAQ section titled "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is $0.25/0.25 = 1$; at week 20 it is $0.05/0.25 = 0.2$.
3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

To see a bar's probability of presence score, simply hover your mouse cursor over the bar.

Breeding Season (■)

Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort (|)

Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

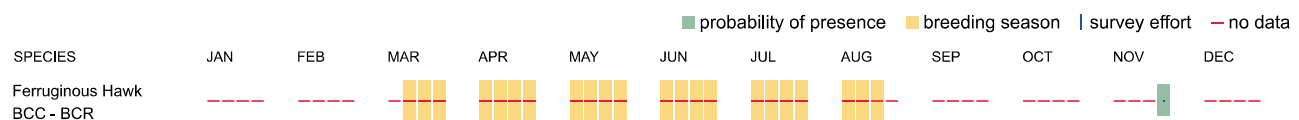
To see a bar's survey effort range, simply hover your mouse cursor over the bar.

No Data (—)

A week is marked as having no data if there were no survey events for that week.

Survey Timeframe

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.



Migratory Bird FAQs

Tell me more about avoidance and minimization measures I can implement to avoid or minimize impacts to migratory birds.

[Nationwide Avoidance & Minimization Measures for Birds](#) describes measures that can help avoid and minimize impacts to all birds at any location year-round. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is one of the most effective ways to minimize impacts. To see when birds are most likely to occur and breed in your project area, view the Probability of Presence Summary. [Additional measures](#) or [permits](#) may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the list of migratory birds that potentially occur in my specified location?

The Migratory Bird Resource List is comprised of [Birds of Conservation Concern \(BCC\)](#) and other species that may warrant special attention in your project location, such as those listed under the Endangered Species Act or the [Bald and Golden Eagle Protection Act](#) and those species marked as "Vulnerable". See the FAQ "What are the levels of concern for migratory birds?" for more information on the levels of concern covered in the IPaC migratory bird species list.

The migratory bird list generated for your project is derived from data provided by the [Avian Knowledge Network \(AKN\)](#). The AKN data is based on a growing collection of [survey, banding, and citizen science datasets](#) and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) with which your project intersects. These species have been identified as warranting special attention because they are BCC species in that area, an eagle ([Bald and Golden Eagle Protection Act](#) requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, and to verify survey effort when no results present, please visit the [Rapid Avian Information Locator \(RAIL\) Tool](#).

Why are subspecies showing up on my list?

Subspecies profiles are included on the list of species present in your project area because observations in the AKN for **the species** are being detected. If the species are present, that means that the subspecies may also be present. If a subspecies shows up on your list, you may need to rely on other resources to determine if that subspecies may be present (e.g. your local FWS field office, state surveys, your own surveys).

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the [Avian Knowledge Network \(AKN\)](#). This data is derived from a growing collection of [survey, banding, and citizen science datasets](#).

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go to the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering, or migrating in my area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating, or resident), you may query your location using the [RAIL Tool](#) and view the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If a bird on your IPaC migratory bird species list has a breeding season associated with it (indicated by yellow vertical bars on the phenology graph in your "IPaC PROBABILITY OF PRESENCE SUMMARY" at the top of your results list), there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are [Birds of Conservation Concern](#) (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the [Bald and Golden Eagle Protection Act](#) requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially BCC species. For more information on avoidance and minimization measures you can implement to help avoid and minimize migratory bird impacts, please see the FAQ "Tell me more about avoidance and minimization measures I can implement to avoid or minimize impacts to migratory birds".

Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the [Northeast Ocean Data Portal](#). The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the [NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf](#) project webpage.

Proper interpretation and use of your migratory bird report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please look carefully at the survey effort (indicated by the black vertical line) and for the existence of the "no data" indicator (a red horizontal line). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list does not represent all birds present in your project area. It is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list and associated information help you know what to look for to confirm presence and helps guide implementation of avoidance and minimization measures to eliminate or reduce potential impacts from your project activities, should presence be confirmed. To learn more about avoidance and minimization measures, visit the FAQ "Tell me about avoidance and minimization measures I can implement to avoid or minimize impacts to migratory birds".

Interpreting the Probability of Presence Graphs

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. A taller bar indicates a higher probability of species presence. The survey effort can be used to establish a level of confidence in the presence score.

How is the probability of presence score calculated? The calculation is done in three steps:

The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.

To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is $0.25/0.25 = 1$; at week 20 it is $0.05/0.25 = 0.2$.

The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

Breeding Season ()

Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort ()

Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

No Data ()

A week is marked as having no data if there were no survey events for that week.

Survey Timeframe

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.

Facilities

National Wildlife Refuge lands

Any activity proposed on lands managed by the [National Wildlife Refuge](#) system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

There are no refuge lands at this location.

Fish hatcheries

There are no fish hatcheries at this location.

Wetlands in the National Wetlands Inventory (NWI)

Impacts to [NWI wetlands](#) and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local [U.S. Army Corps of Engineers District](#).

Wetland information is not available at this time

This can happen when the National Wetlands Inventory (NWI) map service is unavailable, or for very large projects that intersect many wetland areas. Try again, or visit the [NWI map](#) to view wetlands at this location.

Data limitations

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

Data exclusions

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and

nearshore coastal waters. Some deepwater reef communities (coral or tubercid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

Data precautions

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate Federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

NOT FOR CONSULTATION

| Appendix F

P.O. Box 62228 Midland TX 79711 Tel: 432-563-2200 Fax: 432-563-2213



Sample Name: BH01	Date: 06/26/2025
Site Name: Turkey Track 11 State #001	
Incident Number: nMLB0520736007	
Job Number: 21977	

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: HB	Method: Hand Auger
Delineation Soil Sample Coordinates: 32.680998, -104.150453	Hole Diameter: 3.75 inches
Total Depth: 4 feet	

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	<116	0.5	No	BH01	0.5	0.5	SP-SM	(0-4') SAND with some silt, tan, poorly graded with silt, very fine to fine grain, trace gravel, trace organic, no stain or odor. @ 1' Color change to tan, no organic.
Dry	<116	0.9	No	BH01	1	1		
Dry	<116	0.1	No	BH01	2	2		
Dry	<116	0.1	No	BH01	3	3		
Dry	<116	0.1	No	BH01	4	4		

Total Depth



Sample Name: BH02 | Date: 06/26/2025&09/03/2025
 Site Name: Turkey Track 11 State #001
 Incident Number: nMLB0520736007
 Job Number: 21977

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: HB | Method: Hand Auger/Backhoe
 Delineation Soil Sample Coordinates: 32.680952, -104.150156 | Hole Diameter: 3.75 inches | Total Depth: 4 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	<116	0.4	No	BH02	0.5	0.5	SP-SM	(0-4') SAND with some silt, tan, poorly graded with silt, very fine to fine grain, trace gravel, trace organic, no stain or odor. @ 1' Color change to tan, no organic. @ 3' Color change to light brown, increase in gravel.
Dry	<116	0.6	No	BH02	1	1		
Dry	<116	0.9	No	BH02	2	2		
Dry	<116	2.5	No	BH02	3	3		
Dry	<116	1.8	No	BH02	4	4		

Total Depth



Sample Name: BH03 Date: 06/26/2025&09/03/2025
 Site Name: Turkey Track 11 State #001
 Incident Number: nMLB0520736007
 Job Number: 21977

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: HB Method: Hand Auger/Backhoe
 Delineation Soil Sample Coordinates: 32.680810, -104.149950 Hole Diameter: 3.75 inches Total Depth: 4 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	<116	0.6	No	BH03	0.5	0	CCHE	(0-4') CALICHE, tan, well graded w/ silt, fine to coarse some subangular gravel (2-5"), trace organic, no stain or odor. @ 1' No organic. @ 2' Sand, light brown.
Dry	<116	0.6	No	BH03	1	1		
Dry	<116	0.7	No	BH03	2	2	SP-SM	
Dry	<116	1.1	No	BH03	3	3		
Dry	<116	1.0	No	BH03	4	4		

Total Depth



Sample Name: BH04 Date: 06/26/2025&09/03/2025
 Site Name: Turkey Track 11 State #001
 Incident Number: nMLB0520736007
 Job Number: 21977

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: HB Method: Hand Auger/Backhoe
 Delineation Soil Sample Coordinates: 32.680779, -104.149557 Hole Diameter: 3.75 inches Total Depth: 4 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	<116	0.7	No	BH04	0.5	0.5	SP-SM	(0-4') SAND with some silt, brown, poorly graded with silt, very fine to fine grain, trace gravel, trace organic, no stain or odor. @ 2' Color change to light brown, fine to coarse grain.
Dry	<116	0.7	No	BH04	1	1		
Dry	<116	1.6	No	BH04	2	2	SP-SM	
Dry	<116	0.9	No	BH04	3	3		
Dry	<116	1.2	No	BH04	4	4		

Total Depth



Sample Name: BH05 Date: 06/26/2025&09/03/2025
 Site Name: Turkey Track 11 State #001
 Incident Number: nMLB0520736007
 Job Number: 21977

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: HB Method: Hand Auger/Backhoe

Delineation Soil Sample Coordinates: 32.680752, -104.149237 Hole Diameter: 3.75 inches Total Depth: 4 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	<116	0.9	No	BH05	0.5	0.5	SP-SM	(0-4') SAND with some silt, brown, poorly graded with silt, very fine to fine grain, trace gravel, trace organic, no stain or odor. @ 2' Color change to tan, no organic.
Dry	<116	0.7	No	BH05	1	1		
Dry	<116	1.4	No	BH05	2	2		
Dry	<116	1.4	No	BH05	3	3		
Dry	136	1.3	No	BH05	4	4		

Total Depth



Sample Name: BH06 Date: 06/26/2025&09/03/2025
 Site Name: Turkey Track 11 State #001
 Incident Number: nMLB0520736007
 Job Number: 21977

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: HB Method: Hand Auger/Backhoe
 Delineation Soil Sample Coordinates: 32.680736, -104.148887 Hole Diameter: 3.75 inches Total Depth: 4 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	<116	1.0	No	BH06	0.5	0.5	SP-SM	(0-4') SAND with some silt, brown, poorly graded with silt, very fine to fine grain, trace gravel, trace organic, . @ 2' Color change to dark brown, no organic. @ 3' Color change to tan.
Dry	<116	1.1	No	BH06	1	1		
Dry	<116	2.5	No	BH06	2	2		
Dry	<116	1	No	BH06	3	3		
Dry	<116	0.9	No	BH06	4	4		

Total Depth



Sample Name: BH07 | Date: 06/26/2025&09/03/2025
 Site Name: Turkey Track 11 State #001
 Incident Number: nMLB0520736007
 Job Number: 21977

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: HB | Method: Hand Auger/ Backhoe

Delineation Soil Sample Coordinates: 32.680726, -104.148526 | Hole Diameter: 3.75 inches | Total Depth: 4 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	<116	0.6	No	BH07	0.5	0.5	SP-SM	(0-4') SAND with some silt, brown, poorly graded with silt, very fine to fine grain, trace gravel, trace organic, no stain or odor. @ 2' Color change to tan, fine to coarse grain, no organic.
Dry	<116	0.3	No	BH07	1	1		
Dry	<116	1.8	No	BH07	2	2		
Dry	<116	0.9	No	BH07	3	3		
Dry	<116	0.8	No	BH07	4	4		

Total Depth



Sample Name: BH08	Date: 09/04/2025
Site Name: Turkey Track 11 State #001	
Incident Number: nMLB0520736007	
Job Number: 21977	

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: CI	Method: Backhoe
Delineation Soil Sample Coordinates: 32.680526, -104.148382	Hole Diameter: N/A
Total Depth: 4'	

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	<116	1.7	No	BH08	0.5	0.5	SP-SM	(0-4') SAND with some silt, light brown, poorly graded with silt, coarse to fine grain, caliche gravel, trace organic, no stain or odor. @ 3' Color change to tan, no organics.
Dry	<116	2.1	No	BH08	1	1		
Dry	<116	2.0	No	BH08	2	2		
Dry	<116	0.8	No	BH08	3	3		
Dry	136	0.4	No	BH08	4	4		

Total Depth



Sample Name: BH09	Date: 09/04/2025
Site Name: Turkey Track 11 State #001	
Incident Number: nMLB0520736007	
Job Number: 21977	

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: CI	Method: Backhoe
Delineation Soil Sample Coordinates: 32.680255, -104.148394	Hole Diameter: N/A
Total Depth: 4'	

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	<116	1.0	No	BH09	0.5	0.5	SP-SM	(0-4') SAND with some silt, brown, poorly graded with silt, coarse to fine grain, trace gravel, trace organic, no stain, or odor. @ 2' Color change to tan, no organics.
Dry	<116	0.5	No	BH09	1	1		
Dry	184	0.8	No	BH09	2	2		
Dry	116	0.8	No	BH09	3	3		
Dry	116	0.6	No	BH09	4	4		

Total Depth



Sample Name: BH10	Date: 09/04/2025
Site Name: Turkey Track 11 State #001	
Incident Number: nMLB0520736007	
Job Number: 21977	

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: CI	Method: Backhoe
Delineation Soil Sample Coordinates: 32.679975, -104.148426	Hole Diameter: N/A
Total Depth: 4'	

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	160	0.3	No	BH10	0.5	0.5	SP-SM	(0-4') SAND with some silt, brown, poorly graded with silt, coarse to fine grain, trace gravel, trace organic, no stain, or odor. @ 2' Color change to tan, no organics.
Dry	184	0.5	No	BH10	1	1		
Dry	184	0.9	No	BH10	2	2		
Dry	160	1.1	No	BH10	3	3		
Dry	160	1.3	No	BH10	4	4		

Total Depth



Sample Name: BH11	Date: 09/04/2025
Site Name: Turkey Track 11 State #001	
Incident Number: nMLB0520736007	
Job Number: 21977	

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: CI	Method: Backhoe
Delineation Soil Sample Coordinates: 32.679700, -104.148451	Total Depth: 4'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	<116	0.6	No	BH11	0.5	0.5	SP-SM	(0-4') SAND with some silt, brown, poorly graded with silt, coarse to fine grain, trace gravel, trace organic, no stain, or odor. @ 2' Color change to tan.
Dry	<116	0.4	No	BH11	1	1		
Dry	<116	0.1	No	BH11	2	2		
Dry	140	0.2	No	BH11	3	3		
Dry	140	0.4	No	BH11	4	4		

Total Depth



Sample Name: BH12	Date: 09/04/2025
Site Name: Turkey Track 11 State #001	
Incident Number: nMLB0520736007	
Job Number: 21977	

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: CI	Method: Backhoe
Delineation Soil Sample Coordinates: 32.679425, -104.148468	Hole Diameter: N/A
Total Depth: 4'	

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	140	1.3	No	BH12	0.5	0.5	SP-SM	(0-4') SAND with some silt, dark brown, poorly graded with silt, coarse to fine grain, trace gravel, trace organic, no stain, or odor. @ 2' Color change to tan, no organics.
Dry	196	0.9	No	BH12	1	1		
Dry	196	0.4	No	BH12	2	2		
Dry	140	0.5	No	BH12	3	3		
Dry	168	0.9	No	BH12	4	4		

Total Depth



Sample Name: BH13	Date: 09/04/2025
Site Name: Turkey Track 11 State #001	
Incident Number: nMLB0520736007	
Job Number: 21977	

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: CI	Method: Backhoe
Delineation Soil Sample Coordinates: 32.679180, -104.148493	Hole Diameter: N/A
Total Depth: 4'	

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	228	0.5	No	BH13	0.5	0.5	SP-SM	(0-4') SAND with some silt, brown, poorly graded with silt, very fine to fine grain, trace gravel, trace organic, no stain, or odor. @ 2' Color change to tan.
Dry	116	0.4	No	BH13	1	1		
Dry	<116	0.1	No	BH13	2	2		
Dry	<116	0.1	No	BH13	3	3		
Dry	<116	0.1	No	BH13	4	4		

Total Depth



Sample Name: BH14	Date: 09/04/2025
Site Name: Turkey Track 11 State #001	
Incident Number: nMLB0520736007	
Job Number: 21977	

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: CI	Method: Backhoe
Delineation Soil Sample Coordinates: 32.678913, -104.148518	Hole Diameter: N/A
Total Depth: 4'	

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	<116	0.4	No	BH14	0.5	0.5	SP-SM	(0-4') SAND with some silt, brown, poorly graded with silt, very fine to fine grain, trace gravel, trace organic, no stain, or odor. @ 2' Color change to tan.
Dry	140	0.0	No	BH14	1	1		
Dry	368	0	No	BH14	2	2		
Dry	332	0	No	BH14	3	3		
Dry	228	0	No	BH14	4	4		

Total Depth



Sample Name: BH15	Date: 09/04/2025
Site Name: Turkey Track 11 State #001	
Incident Number: nMLB0520736007	
Job Number: 21977	

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: CI	Method: Backhoe
Delineation Soil Sample Coordinates: 32.678634, -104.148541	Hole Diameter: N/A
Total Depth: 4'	

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	<116	0.2	No	BH15	0.5	0.5	SP-SM	(0-4') SAND with some silt, brown, poorly graded with silt, very fine to fine grain, trace gravel, trace organic, no stain, or odor. @ 2' Color change to tan.
Dry	<116	0.1	No	BH15	1	1		
Dry	228	0.4	No	BH15	2	2		
Dry	116	0.1	No	BH15	3	3		
Dry	116	0.2	No	BH15	4	4		

Total Depth



Sample Name: BH16 Date: 9/4/2025 & 2/6/2026
 Site Name: Turkey Track 11 State #001
 Incident Number: nMLB0520736007
 Job Number: 21977

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: SA Method: Backhoe
 Delineation Soil Sample Coordinates: 32.678335, -104.148556 Hole Diameter: N/A Total Depth: 5 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	<116	0.3	No	BH16	0.5	0.5	SP-SM	(0-4') SAND with some silt, brown, poorly graded with silt, very fine to fine grain, trace gravel, trace organic, no stain or odor. @ 3' Color change to tan.
Dry	<116	0.1	No	BH16	1	1		
Dry	<116	0.4	No	BH16	2	2		
Dry	456	0.3	No	BH16	3	3		
Dry	456	0.3	No	BH16	4	4		
Dry	<128	0.1	No	BH16	5	5	CCHE	(5') CALICHE, tan, well graded w/ silt, fine to coarse some subangular gravel (2-5"), trace organic, no stain or odor.

Total Depth



Sample Name: BH17	Date: 02/06/2026
Site Name: Turkey Track 11 State #001	
Incident Number: nMLB0520736007	
Job Number: 21977	

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: SA	Method: Backhoe
Delineation Soil Sample Coordinates: 32.678336, -104.148604	Hole Diameter: N/A
Total Depth: 4'	

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes	
Dry	<128	0.0	No	BH17	0.5	0.5	SP-SM	(0-2') SAND with silt, dry, brown, trace clay, poorly graded with silt, very fine to fine grain, gravel (0-3cm), no stain or odor.	
Dry	212	0.0	No	BH17	1	1			
Dry	452	0.0	No	BH17	2	2	CCHE		(2-4') CALICHE, tan, well graded w/ silt, fine to coarse some subangular gravel (2-5"), trace organic, no stain or odor.
Dry	152	0.0	No	BH17	3	3			
Dry	324	0.0	No	BH17	4	4			

Total Depth



Sample Name: BH18	Date: 02/06/2026
Site Name: Turkey Track 11 State #001	
Incident Number: nMLB0520736007	
Job Number: 21977	

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: SA	Method: Backhoe
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Delineation Soil Sample Coordinates: 32.678349, -104.148448	Hole Diameter: N/A	Total Depth: 4'
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Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes	
Moist	<128	0.0	No	BH18	0.5	0.5	SP-SM	(0-2') SAND with silt, moist, brown, trace clay, poorly graded with silt, very fine to fine grain, gravel (0-3cm), no stain or odor.	
Moist	<128	0.0	No	BH18	1	1			
Dry	552	0.0	No	BH18	2	2	CCHE		(2-4') CALICHE, tan, well graded w/ silt, fine to coarse some subangular gravel (2-5"), trace organic, no stain or odor.
Dry	324	0.0	No	BH18	3	3			
Dry	364	0.0	No	BH18	4	4			

Total Depth



Sample Name: BH19	Date: 02/06/2026
Site Name: Turkey Track 11 State #001	
Incident Number: nMLB0520736007	
Job Number: 21977	

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: SA	Method: Backhoe
Delineation Soil Sample Coordinates: 32.678383, -104.148566	Hole Diameter: N/A
Total Depth: 4'	

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	364	0.0	No	BH19	0.5	0.5	CCHE	(0-4') CALICHE, tan, well graded w/ silt, fine to coarse some subangular gravel (2-5"), trace organic, no stain or odor.
Dry	152	0.0	No	BH19	1	1		
Dry	452	0.0	No	BH19	2	2		
Dry	284	0.0	No	BH19	3	3		
Dry	152	0.0	No	BH19	4	4		

Total Depth



Sample Name: BH20	Date: 02/06/2026
Site Name: Turkey Track 11 State #001	
Incident Number: nMLB0520736007	
Job Number: 21977	

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: SA	Method: Backhoe
Delineation Soil Sample Coordinates: 32.678286, -104.148548	Hole Diameter: N/A
	Total Depth: 4'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	364	0.1	No	BH20	0.5	0 0.5 1	CCHE	(0-4') CALICHE, tan, well graded w/ silt, fine to coarse some subangular gravel (2-5"), trace organic, no stain or odor.
Dry	<128	0.0	No	BH20	2	2 3		
Dry	<128	0.0	No	BH20	4	4		

Total Depth

| Appendix G

P.O. Box 62228 Midland TX 79711 Tel: 432-563-2200 Fax: 432-563-2213



PHOTOGRAPHIC LOG
WPX Engery Permian, LLC
Turkey Track 11 State #001
Incident Number: nMLB0520736007



Photograph 1 **Date: 06/26/2025**
Description: Southeastern view of delineation activities on the reclaimed pad.



Photograph 2 **Date: 06/26/2025**
Description: Northeastern view of delineation activities on the reclaimed pad.



Photograph 3 **Date: 06/26/2025**
Description: Southeastern view of delineation activities on the reclaimed pad.



Photograph 4 **Date: 06/26/2025**
Description: Northeastern view of delineation activities near CR 245.



PHOTOGRAPHIC LOG
WPX Engery Permian, LLC
Turkey Track 11 State #001
Incident Number: nMLB0520736007



Photograph 5 **Date: 09/03/2025**
Description: Northeastern view of delineation activities on reclaimed pad.



Photograph 6 **Date: 09/03/2025**
Description: Northeastern view of delineation activities on reclaimed pad.



Photograph 7 **Date: 09/04/2025**
Description: Southwestern view of delineation activities near CR 245.



Photograph 8 **Date: 09/04/2025**
Description: Northeastern view of delineation activities on CR 245.



PHOTOGRAPHIC LOG
WPX Engery Permian, LLC
Turkey Track 11 State #001
Incident Number: nMLB0520736007



Photograph 9 **Date: 02/06/2026**
Description: Northeastern view of delineation activities near CR 245.



Photograph 10 **Date: 02/06/2026**
Description: Southwestern view of delineation activities near CR 245.



Photograph 11 **Date: 02/06/2026**
Description: Southeastern view of delineation activities near CR 245.



Photograph 12 **Date: 02/06/2026**
Description: Northeastern view of delineation activities near CR 245.

| Appendix H

P.O. Box 62228 Midland TX 79711 Tel: 432-563-2200 Fax: 432-563-2213



Table 1
SOIL SAMPLE ANALYTICAL RESULTS
WPX Energy Permian, LLC
Turkey Track 11 State #001
Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)			10	50	NE	NE	NE	100	600
Delineation Soil Samples - Incident Number nMLB0520736007									
BH01*	06/26/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH01*	06/26/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH01*	06/26/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH01*	06/26/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH01	06/26/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH02*	06/26/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH02*	06/26/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH02*	09/03/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	76.3
BH02*	09/03/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	53.5
BH02	09/03/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	35.8
BH03*	06/26/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	35.0
BH03*	06/26/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	26.0
BH03*	09/03/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	43.2
BH03*	09/03/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	107
BH03	09/03/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	146
BH04*	06/26/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH04*	06/26/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH04*	09/03/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH04*	09/03/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH04	09/03/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH05*	06/26/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH05*	06/26/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH05*	09/03/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH05*	09/03/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH05	09/03/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	180



Table 1
SOIL SAMPLE ANALYTICAL RESULTS
WPX Energy Permian, LLC
Turkey Track 11 State #001
Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)			10	50	NE	NE	NE	100	600
BH06*	06/26/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH06*	06/26/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH06*	09/03/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	33.9
BH06*	09/03/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	32.5
BH06	09/03/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	64.0
BH07*	06/26/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH07*	06/26/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH07*	09/03/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH07*	09/03/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	30.7
BH07	09/03/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	20.2
BH08*	09/04/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH08*	09/04/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	27.1
BH08*	09/04/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	78.0
BH08*	09/04/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	141
BH08	09/04/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	200
BH09*	09/04/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	24.2
BH09*	09/04/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	137
BH09*	09/04/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	282
BH09*	09/04/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	145
BH09	09/04/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	153
BH10*	09/04/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	227
BH10*	09/04/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	298
BH10*	09/04/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	196
BH10*	09/04/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	114
BH10	09/04/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	212



Table 1
SOIL SAMPLE ANALYTICAL RESULTS
WPX Energy Permian, LLC
Turkey Track 11 State #001
Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCDC Table I Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)			10	50	NE	NE	NE	100	600
BH11*	09/04/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH11*	09/04/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	55.3
BH11*	09/04/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	59.1
BH11*	09/04/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	120
BH11	09/04/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	123
BH12*	09/04/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	142
BH12*	09/04/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	180
BH12*	09/04/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	175
BH12*	09/04/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	158
BH12	09/04/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	172
BH13*	09/04/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	298
BH13*	09/04/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	67.7
BH13*	09/04/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH13*	09/04/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH13	09/04/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH14*	09/04/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	42.5
BH14*	09/04/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	221
BH14*	09/04/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	511
BH14*	09/04/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	381
BH14	09/04/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	404
BH15*	09/04/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH15*	09/04/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	53.4
BH15*	09/04/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	261
BH15*	09/04/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	136
BH15	09/04/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	114



Table 1
SOIL SAMPLE ANALYTICAL RESULTS
WPX Energy Permian, LLC
Turkey Track 11 State #001
Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCDC Table I Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)			10	50	NE	NE	NE	100	600
BH16*	09/04/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH16*	09/04/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH16*	09/04/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	23.2
BH16*	09/04/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	786
BH16	09/04/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	684
BH16	02/06/2026	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	127
BH17	02/06/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	47.3
BH17	02/06/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	199
BH18	02/06/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH18	02/06/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	476
BH19	02/06/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	532
BH19	02/06/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	188
BH20	02/06/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	516
BH20	02/06/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	129

Notes:
 bgs: below ground surface
 mg/kg: milligrams per kilogram
 BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes
 GRO: Gasoline Range Organics
 DRO: Diesel Range Organics
 ORO: Oil Range Organics
 TPH: Total Petroleum Hydrocarbon
 NMOCDC: New Mexico Oil Conservation Division
 NMAC: New Mexico Administrative Code
 Text in "grey" represents excavated soil samples
 Concentrations in **bold** exceed the NMOCDC Table I Closure Criteria and/or Reclamation Standard* for Soils Impacted by a Release
 ** *Soil sample was collected in the top 4 feet of areas to be immediately reclaimed following remediation pursuant to NMAC 19.15.17.13, if exceeding the reclamation concentration requirements of 600 mg/kg chloride and 100 mg/kg TPH.

| Appendix I

P.O. Box 62228 Midland TX 79711 Tel: 432-563-2200 Fax: 432-563-2213

Report to:
Anna Byers



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

WPX Energy - Carlsbad

Project Name: Turkey Track 11 State #001

Work Order: E506295

Job Number: 01058-0007

Received: 7/1/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/8/25

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: 7/8/25



Anna Byers
5315 Buena Vista Dr
Carlsbad, NM 88220

Project Name: Turkey Track 11 State #001
Workorder: E506295
Date Received: 7/1/2025 8:00:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/1/2025 8:00:00AM, under the Project Name: Turkey Track 11 State #001.

The analytical test results summarized in this report with the Project Name: Turkey Track 11 State #001 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,

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Sample Summary

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Turkey Track 11 State #001
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
07/08/25 13:13

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH01 0.5'	E506295-01A	Soil	06/26/25	07/01/25	Glass Jar, 2 oz.
BH01 1'	E506295-02A	Soil	06/26/25	07/01/25	Glass Jar, 2 oz.
BH01 2'	E506295-03A	Soil	06/26/25	07/01/25	Glass Jar, 2 oz.
BH01 3'	E506295-04A	Soil	06/26/25	07/01/25	Glass Jar, 2 oz.
BH01 4'	E506295-05A	Soil	06/26/25	07/01/25	Glass Jar, 2 oz.
BH02 0.5'	E506295-06A	Soil	06/26/25	07/01/25	Glass Jar, 2 oz.
BH02 1'	E506295-07A	Soil	06/26/25	07/01/25	Glass Jar, 2 oz.
BH03 0.5'	E506295-08A	Soil	06/26/25	07/01/25	Glass Jar, 2 oz.
BH03 1'	E506295-09A	Soil	06/26/25	07/01/25	Glass Jar, 2 oz.
BH04 0.5'	E506295-10A	Soil	06/26/25	07/01/25	Glass Jar, 2 oz.
BH04 1'	E506295-11A	Soil	06/26/25	07/01/25	Glass Jar, 2 oz.
BH05 0.5'	E506295-12A	Soil	06/26/25	07/01/25	Glass Jar, 2 oz.
BH05 1'	E506295-13A	Soil	06/26/25	07/01/25	Glass Jar, 2 oz.
BH06 0.5'	E506295-14A	Soil	06/26/25	07/01/25	Glass Jar, 2 oz.
BH06 1'	E506295-15A	Soil	06/26/25	07/01/25	Glass Jar, 2 oz.
BH07 0.5'	E506295-16A	Soil	06/26/25	07/01/25	Glass Jar, 2 oz.
BH07 1'	E506295-17A	Soil	06/26/25	07/01/25	Glass Jar, 2 oz.



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/8/2025 1:13:02PM
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BH01 0.5'
E506295-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2527053
Benzene	ND	0.0250	1	07/01/25	07/01/25	
Ethylbenzene	ND	0.0250	1	07/01/25	07/01/25	
Toluene	ND	0.0250	1	07/01/25	07/01/25	
o-Xylene	ND	0.0250	1	07/01/25	07/01/25	
p,m-Xylene	ND	0.0500	1	07/01/25	07/01/25	
Total Xylenes	ND	0.0250	1	07/01/25	07/01/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.4 %	70-130	07/01/25	07/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2527053
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/01/25	07/01/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.6 %	70-130	07/01/25	07/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2527072
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/03/25	
<i>Surrogate: n-Nonane</i>		105 %	61-141	07/02/25	07/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2528003
Chloride	ND	20.0	1	07/06/25	07/07/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/8/2025 1:13:02PM
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BH01 1'

E506295-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2527053
Benzene	ND	0.0250	1	07/01/25	07/01/25	
Ethylbenzene	ND	0.0250	1	07/01/25	07/01/25	
Toluene	ND	0.0250	1	07/01/25	07/01/25	
o-Xylene	ND	0.0250	1	07/01/25	07/01/25	
p,m-Xylene	ND	0.0500	1	07/01/25	07/01/25	
Total Xylenes	ND	0.0250	1	07/01/25	07/01/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.2 %	70-130	07/01/25	07/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2527053
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/01/25	07/01/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.2 %	70-130	07/01/25	07/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2527072
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/03/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	07/02/25	07/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2528003
Chloride	ND	20.0	1	07/06/25	07/07/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/8/2025 1:13:02PM
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BH01 2'

E506295-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2527053
Benzene	ND	0.0250	1	07/01/25	07/01/25	
Ethylbenzene	ND	0.0250	1	07/01/25	07/01/25	
Toluene	ND	0.0250	1	07/01/25	07/01/25	
o-Xylene	ND	0.0250	1	07/01/25	07/01/25	
p,m-Xylene	ND	0.0500	1	07/01/25	07/01/25	
Total Xylenes	ND	0.0250	1	07/01/25	07/01/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.1 %	70-130	07/01/25	07/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2527053
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/01/25	07/01/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.1 %	70-130	07/01/25	07/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2527072
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/03/25	
<i>Surrogate: n-Nonane</i>		99.4 %	61-141	07/02/25	07/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2528003
Chloride	ND	20.0	1	07/06/25	07/07/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/8/2025 1:13:02PM
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BH01 3'

E506295-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2527053
Benzene	ND	0.0250	1	07/01/25	07/01/25	
Ethylbenzene	ND	0.0250	1	07/01/25	07/01/25	
Toluene	ND	0.0250	1	07/01/25	07/01/25	
o-Xylene	ND	0.0250	1	07/01/25	07/01/25	
p,m-Xylene	ND	0.0500	1	07/01/25	07/01/25	
Total Xylenes	ND	0.0250	1	07/01/25	07/01/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.4 %	70-130	07/01/25	07/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2527053
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/01/25	07/01/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.6 %	70-130	07/01/25	07/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2527072
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/03/25	
<i>Surrogate: n-Nonane</i>		98.8 %	61-141	07/02/25	07/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2528003
Chloride	ND	20.0	1	07/06/25	07/07/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/8/2025 1:13:02PM
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BH01 4'

E506295-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2527053
Benzene	ND	0.0250	1	07/01/25	07/01/25	
Ethylbenzene	ND	0.0250	1	07/01/25	07/01/25	
Toluene	ND	0.0250	1	07/01/25	07/01/25	
o-Xylene	ND	0.0250	1	07/01/25	07/01/25	
p,m-Xylene	ND	0.0500	1	07/01/25	07/01/25	
Total Xylenes	ND	0.0250	1	07/01/25	07/01/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.2 %	70-130	07/01/25	07/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2527053
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/01/25	07/01/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.2 %	70-130	07/01/25	07/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2527072
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/03/25	
<i>Surrogate: n-Nonane</i>		99.4 %	61-141	07/02/25	07/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2528003
Chloride	ND	20.0	1	07/06/25	07/07/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/8/2025 1:13:02PM
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BH02 0.5'

E506295-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2527053
Benzene	ND	0.0250	1	07/01/25	07/01/25	
Ethylbenzene	ND	0.0250	1	07/01/25	07/01/25	
Toluene	ND	0.0250	1	07/01/25	07/01/25	
o-Xylene	ND	0.0250	1	07/01/25	07/01/25	
p,m-Xylene	ND	0.0500	1	07/01/25	07/01/25	
Total Xylenes	ND	0.0250	1	07/01/25	07/01/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		93.9 %	70-130	07/01/25	07/01/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2527053
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/01/25	07/01/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.3 %	70-130	07/01/25	07/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2527072
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/03/25	
<i>Surrogate: n-Nonane</i>						
		99.7 %	61-141	07/02/25	07/03/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2528003
Chloride	ND	20.0	1	07/06/25	07/07/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/8/2025 1:13:02PM
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BH02 1'
E506295-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2527053
Benzene	ND	0.0250	1	07/01/25	07/01/25	
Ethylbenzene	ND	0.0250	1	07/01/25	07/01/25	
Toluene	ND	0.0250	1	07/01/25	07/01/25	
o-Xylene	ND	0.0250	1	07/01/25	07/01/25	
p,m-Xylene	ND	0.0500	1	07/01/25	07/01/25	
Total Xylenes	ND	0.0250	1	07/01/25	07/01/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		93.5 %	70-130	07/01/25	07/01/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2527053
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/01/25	07/01/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.3 %	70-130	07/01/25	07/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2527072
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/03/25	
<i>Surrogate: n-Nonane</i>						
		99.2 %	61-141	07/02/25	07/03/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2528003
Chloride	ND	20.0	1	07/06/25	07/07/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/8/2025 1:13:02PM
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BH03 0.5'

E506295-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2527053
Benzene	ND	0.0250	1	07/01/25	07/01/25	
Ethylbenzene	ND	0.0250	1	07/01/25	07/01/25	
Toluene	ND	0.0250	1	07/01/25	07/01/25	
o-Xylene	ND	0.0250	1	07/01/25	07/01/25	
p,m-Xylene	ND	0.0500	1	07/01/25	07/01/25	
Total Xylenes	ND	0.0250	1	07/01/25	07/01/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.2 %	70-130	07/01/25	07/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2527053
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/01/25	07/01/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.5 %	70-130	07/01/25	07/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2527072
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/03/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	07/02/25	07/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2528003
Chloride	35.0	20.0	1	07/06/25	07/07/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/8/2025 1:13:02PM
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BH03 1'

E506295-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2527053
Benzene	ND	0.0250	1	07/01/25	07/02/25	
Ethylbenzene	ND	0.0250	1	07/01/25	07/02/25	
Toluene	ND	0.0250	1	07/01/25	07/02/25	
o-Xylene	ND	0.0250	1	07/01/25	07/02/25	
p,m-Xylene	ND	0.0500	1	07/01/25	07/02/25	
Total Xylenes	ND	0.0250	1	07/01/25	07/02/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.8 %	70-130	07/01/25	07/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2527053
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/01/25	07/02/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.8 %	70-130	07/01/25	07/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2527072
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/03/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	07/02/25	07/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2528003
Chloride	26.0	20.0	1	07/06/25	07/07/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/8/2025 1:13:02PM
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BH04 0.5'

E506295-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2527053
Benzene	ND	0.0250	1	07/01/25	07/02/25	
Ethylbenzene	ND	0.0250	1	07/01/25	07/02/25	
Toluene	ND	0.0250	1	07/01/25	07/02/25	
o-Xylene	ND	0.0250	1	07/01/25	07/02/25	
p,m-Xylene	ND	0.0500	1	07/01/25	07/02/25	
Total Xylenes	ND	0.0250	1	07/01/25	07/02/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.4 %	70-130	07/01/25	07/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2527053
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/01/25	07/02/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.9 %	70-130	07/01/25	07/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2527072
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/03/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	07/02/25	07/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2528003
Chloride	ND	20.0	1	07/06/25	07/07/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/8/2025 1:13:02PM
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BH04 1'

E506295-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2527053
Benzene	ND	0.0250	1	07/01/25	07/02/25	
Ethylbenzene	ND	0.0250	1	07/01/25	07/02/25	
Toluene	ND	0.0250	1	07/01/25	07/02/25	
o-Xylene	ND	0.0250	1	07/01/25	07/02/25	
p,m-Xylene	ND	0.0500	1	07/01/25	07/02/25	
Total Xylenes	ND	0.0250	1	07/01/25	07/02/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.5 %	70-130	07/01/25	07/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2527053
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/01/25	07/02/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.2 %	70-130	07/01/25	07/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2527072
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/03/25	
<i>Surrogate: n-Nonane</i>		97.6 %	61-141	07/02/25	07/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2528003
Chloride	ND	20.0	1	07/06/25	07/07/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/8/2025 1:13:02PM
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BH05 0.5'
E506295-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2527053
Benzene	ND	0.0250	1	07/01/25	07/02/25	
Ethylbenzene	ND	0.0250	1	07/01/25	07/02/25	
Toluene	ND	0.0250	1	07/01/25	07/02/25	
o-Xylene	ND	0.0250	1	07/01/25	07/02/25	
p,m-Xylene	ND	0.0500	1	07/01/25	07/02/25	
Total Xylenes	ND	0.0250	1	07/01/25	07/02/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		93.8 %	70-130	07/01/25	07/02/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2527053
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/01/25	07/02/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.8 %	70-130	07/01/25	07/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2527072
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/03/25	
<i>Surrogate: n-Nonane</i>						
		101 %	61-141	07/02/25	07/03/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2528003
Chloride	ND	20.0	1	07/06/25	07/07/25	

Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/8/2025 1:13:02PM
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BH05 1'
E506295-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2527053
Benzene	ND	0.0250	1	07/01/25	07/02/25	
Ethylbenzene	ND	0.0250	1	07/01/25	07/02/25	
Toluene	ND	0.0250	1	07/01/25	07/02/25	
o-Xylene	ND	0.0250	1	07/01/25	07/02/25	
p,m-Xylene	ND	0.0500	1	07/01/25	07/02/25	
Total Xylenes	ND	0.0250	1	07/01/25	07/02/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.4 %	70-130	07/01/25	07/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2527053
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/01/25	07/02/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.1 %	70-130	07/01/25	07/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2527072
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/03/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	07/02/25	07/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2528003
Chloride	ND	20.0	1	07/06/25	07/07/25	

Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/8/2025 1:13:02PM
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BH06 0.5'
E506295-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2527053
Benzene	ND	0.0250	1	07/01/25	07/02/25	
Ethylbenzene	ND	0.0250	1	07/01/25	07/02/25	
Toluene	ND	0.0250	1	07/01/25	07/02/25	
o-Xylene	ND	0.0250	1	07/01/25	07/02/25	
p,m-Xylene	ND	0.0500	1	07/01/25	07/02/25	
Total Xylenes	ND	0.0250	1	07/01/25	07/02/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.3 %	70-130	07/01/25	07/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2527053
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/01/25	07/02/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.3 %	70-130	07/01/25	07/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2527072
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/03/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	07/02/25	07/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2528003
Chloride	ND	20.0	1	07/06/25	07/07/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/8/2025 1:13:02PM
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BH06 1'
E506295-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2527053
Benzene	ND	0.0250	1	07/01/25	07/02/25	
Ethylbenzene	ND	0.0250	1	07/01/25	07/02/25	
Toluene	ND	0.0250	1	07/01/25	07/02/25	
o-Xylene	ND	0.0250	1	07/01/25	07/02/25	
p,m-Xylene	ND	0.0500	1	07/01/25	07/02/25	
Total Xylenes	ND	0.0250	1	07/01/25	07/02/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.0 %	70-130	07/01/25	07/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2527053
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/01/25	07/02/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.4 %	70-130	07/01/25	07/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2527072
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/03/25	
<i>Surrogate: n-Nonane</i>		96.8 %	61-141	07/02/25	07/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2528003
Chloride	ND	20.0	1	07/06/25	07/07/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/8/2025 1:13:02PM
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BH07 0.5'

E506295-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2527053
Benzene	ND	0.0250	1	07/01/25	07/02/25	
Ethylbenzene	ND	0.0250	1	07/01/25	07/02/25	
Toluene	ND	0.0250	1	07/01/25	07/02/25	
o-Xylene	ND	0.0250	1	07/01/25	07/02/25	
p,m-Xylene	ND	0.0500	1	07/01/25	07/02/25	
Total Xylenes	ND	0.0250	1	07/01/25	07/02/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.3 %	70-130	07/01/25	07/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2527053
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/01/25	07/02/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.6 %	70-130	07/01/25	07/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2527072
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/03/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	07/02/25	07/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2528003
Chloride	ND	20.0	1	07/06/25	07/07/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/8/2025 1:13:02PM
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BH07 1'

E506295-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2527053
Benzene	ND	0.0250	1	07/01/25	07/02/25	
Ethylbenzene	ND	0.0250	1	07/01/25	07/02/25	
Toluene	ND	0.0250	1	07/01/25	07/02/25	
o-Xylene	ND	0.0250	1	07/01/25	07/02/25	
p,m-Xylene	ND	0.0500	1	07/01/25	07/02/25	
Total Xylenes	ND	0.0250	1	07/01/25	07/02/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.4 %	70-130	07/01/25	07/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2527053
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/01/25	07/02/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.7 %	70-130	07/01/25	07/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2527072
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/03/25	
<i>Surrogate: n-Nonane</i>		98.8 %	61-141	07/02/25	07/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2528003
Chloride	ND	20.0	1	07/06/25	07/07/25	



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/8/2025 1:13:02PM
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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 (2527053-BLK1)

Prepared: 07/01/25 Analyzed: 07/01/25

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	7.32		8.00		91.5	70-130			

LCS (2527053-BS1)

Prepared: 07/01/25 Analyzed: 07/01/25

Benzene	5.68	0.0250	5.00		114	70-130			
Ethylbenzene	5.54	0.0250	5.00		111	70-130			
Toluene	5.63	0.0250	5.00		113	70-130			
o-Xylene	5.42	0.0250	5.00		108	70-130			
p,m-Xylene	11.1	0.0500	10.0		111	70-130			
Total Xylenes	16.6	0.0250	15.0		110	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.72		8.00		96.5	70-130			

Matrix Spike (2527053-MS1)

Source: E506295-05

Prepared: 07/01/25 Analyzed: 07/01/25

Benzene	6.39	0.0250	5.00	ND	128	70-130			
Ethylbenzene	6.22	0.0250	5.00	ND	124	70-130			
Toluene	6.32	0.0250	5.00	ND	126	70-130			
o-Xylene	6.11	0.0250	5.00	ND	122	70-130			
p,m-Xylene	12.5	0.0500	10.0	ND	125	70-130			
Total Xylenes	18.6	0.0250	15.0	ND	124	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.79		8.00		97.3	70-130			

Matrix Spike Dup (2527053-MSD1)

Source: E506295-05

Prepared: 07/01/25 Analyzed: 07/01/25

Benzene	5.46	0.0250	5.00	ND	109	70-130	15.8	27	
Ethylbenzene	5.33	0.0250	5.00	ND	107	70-130	15.5	26	
Toluene	5.40	0.0250	5.00	ND	108	70-130	15.8	20	
o-Xylene	5.22	0.0250	5.00	ND	104	70-130	15.8	25	
p,m-Xylene	10.7	0.0500	10.0	ND	107	70-130	15.3	23	
Total Xylenes	15.9	0.0250	15.0	ND	106	70-130	15.4	26	
Surrogate: 4-Bromochlorobenzene-PID	7.83		8.00		97.9	70-130			



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/8/2025 1:13:02PM
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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 (2527053-BLK1)

Prepared: 07/01/25 Analyzed: 07/01/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.14		8.00		89.3	70-130			

LCS (2527053-BS2)

Prepared: 07/01/25 Analyzed: 07/01/25

Gasoline Range Organics (C6-C10)	43.2	20.0	50.0		86.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.27		8.00		90.9	70-130			

Matrix Spike (2527053-MS2)

Source: E506295-05

Prepared: 07/01/25 Analyzed: 07/01/25

Gasoline Range Organics (C6-C10)	40.6	20.0	50.0	ND	81.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.23		8.00		90.3	70-130			

Matrix Spike Dup (2527053-MSD2)

Source: E506295-05

Prepared: 07/01/25 Analyzed: 07/01/25

Gasoline Range Organics (C6-C10)	45.1	20.0	50.0	ND	90.1	70-130	10.5	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.29		8.00		91.1	70-130			



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/8/2025 1:13:02PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

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 (2527072-BLK1)

Prepared: 07/02/25 Analyzed: 07/03/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.8		50.0		102	61-141			

LCS (2527072-BS1)

Prepared: 07/02/25 Analyzed: 07/03/25

Diesel Range Organics (C10-C28)	252	25.0	250		101	66-144			
Surrogate: n-Nonane	50.7		50.0		101	61-141			

Matrix Spike (2527072-MS1)

Source: E506295-01

Prepared: 07/02/25 Analyzed: 07/03/25

Diesel Range Organics (C10-C28)	252	25.0	250	ND	101	56-156			
Surrogate: n-Nonane	50.8		50.0		102	61-141			

Matrix Spike Dup (2527072-MSD1)

Source: E506295-01

Prepared: 07/02/25 Analyzed: 07/03/25

Diesel Range Organics (C10-C28)	252	25.0	250	ND	101	56-156	0.0501	20	
Surrogate: n-Nonane	50.2		50.0		100	61-141			



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/8/2025 1:13:02PM
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Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2528003-BLK1)

Prepared: 07/06/25 Analyzed: 07/07/25

Chloride	ND	20.0							
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LCS (2528003-BS1)

Prepared: 07/06/25 Analyzed: 07/07/25

Chloride	250	20.0	250		100	90-110			
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Matrix Spike (2528003-MS1)

Source: E506295-05

Prepared: 07/06/25 Analyzed: 07/07/25

Chloride	252	20.0	250	ND	101	80-120			
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Matrix Spike Dup (2528003-MSD1)

Source: E506295-05

Prepared: 07/06/25 Analyzed: 07/07/25

Chloride	252	20.0	250	ND	101	80-120	0.00515	20	
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QC Summary Report Comment:

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



Definitions and Notes

WPX Energy - Carlsbad	Project Name:	Turkey Track 11 State #001	
5315 Buena Vista Dr	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Anna Byers	07/08/25 13:13

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.



BH01 BH04

Client Information		Invoice Information		Lab Use Only		TAT		State							
Client: WPX Energy Permian, LLC		Company: Devon Energy Production Co.		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX		
Project: Turkey Track 11 State #001		Address: 5315 Buena Vista Dr.		E506295	01058-0007				x	X					
Project Manager: Anna Byers		City, State, Zip: Carlsbad, NM, 88220		Analysis and Method		EPA Program									
Address: 13000 W County Rd 100		Phone: 575-885-7502		DRO by 8015	GRO by 8015	BTEX by 8021	VOC by 8260	Chloro 300.0	TCEQ 1005-TX	RCRA 8 Metals	BGDO -NM	BGDO -TX	SDWA	CWA	RCRA
City, State, Zip: Odessa, TX, 79765		Email: jim.raley@dvn.com		Compliance		Y		or		N					
Phone: 432-305-6415		Miscellaneous: WO: 1094698801; PN: 21977; IN: nMLB0520736007		PWSID #											
Email: NMTXGeoGroup@etechnv.com				Sample Temp		Remarks									

Sample Information							DRO by 8015	GRO by 8015	BTEX by 8021	VOC by 8260	Chloro 300.0	TCEQ 1005-TX	RCRA 8 Metals	BGDO -NM	BGDO -TX	Sample Temp	Remarks
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number											
11:25	6/26/25	S	1	BH01	0.5'	1								X		4.0	← CM
11:30	6/26/25	S	1	BH01	1'	2								X		3.5	
14:45	6/26/25	S	1	BH01	2'	3								X		2.5	
14:50	6/26/25	S	1	BH01	3'	4								X		2.9	
14:55	6/26/25	S	1	BH01	4'	5								X		3.5	
11:40	6/26/25	S	1	BH02	0.5'	6								X		3.6	
11:45	6/26/25	S	1	BH02	1'	7								X		4.1	
11:55	6/26/25	S	1	BH03	0.5'	8								X		3.3	
12:00	6/26/25	S	1	BH03	1'	9								X		2.4	
12:10	6/26/25	S	1	BH04	0.5'	10								X		3.1	

Additional Instructions:

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

Sampled by: Christopher Inman						Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 60C on subsequent days. Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N					
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
<i>Chris Inman</i>	6.30.25	1100	<i>Michelle Gonzales</i>	6.30.25	1100						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
<i>Michelle Gonzales</i>	6.30.25	1645	<i>Andrew M.</i>	6.30.25	1700						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
<i>Andrew M.</i>	6.30.25	2315	<i>Carl Mow</i>	7.1.25	800						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 14 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.

BH01 BH04

page 2 of 2

Client Information		Invoice Information		Lab Use Only		TAT		State			
Client: WPX Energy Permian, LLC		Company: Devon Energy Production Co.		Lab WO#		ID 2D 3D Std		NM CO UT TX			
Project: Turkey Track 11 State #001		Address: 5315 Buena Vista Dr.		E500295		Job Number		X			
Project Manager: Anna Byers		City, State, Zip: Carlsbad, NM, 88220				01058-0007					
Address: 13000 W County Rd 100		Phone: 575-885-7502									
City, State, Zip: Odessa, TX, 79765		Email: jim.raley@dvn.com									
Phone: 432-305-6415		Miscellaneous: WO: 1094698801; PN: 21977; IN: nMLB0520736007									
Email: NMTXGeoGroup@etechnv.com											

Sample Information							Analysis and Method						EPA Program						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO by 8015	GRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005-TX	RCRA 8 Metal	BGDO -NM	BGDO -TX	SDWA	CWA	RCRA	
12:15	6/26/25	S	1	BH04	1'	11								X					
12:25	6/26/25	S	1	BH05	0.5'	12								X					
12:30	6/26/25	S	1	BH05	1'	13								X					
12:40	6/26/25	S	1	BH06	0.5'	14								X					
12:45	6/26/25	S	1	BH06	1'	15								X					
12:55	6/26/25	S	1	BH07	0.5'	16								X					
13:00	6/26/25	S	1	BH07	1'	17								X					

Additional Instructions:

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

Sampled by: Christopher Inman	Date: 6/30/2025		Time: 1100		Received by: (Signature) Michelle Gonzales	Date: 6-30-25		Time: 1100		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 60C on subsequent days.
Relinquished by: (Signature) Michelle Gonzales	Date: 6-30-25		Time: 1645		Received by: (Signature) John Jc.	Date: 6-30-25		Time: 1700		
Relinquished by: (Signature) John Jc.	Date: 6-30-25		Time: 2315		Received by: (Signature) Carlo Ma	Date: 7-1-25		Time: 800		
Relinquished by: (Signature)	Date:		Time:		Received by: (Signature)	Date:		Time:		
Relinquished by: (Signature)	Date:		Time:		Received by: (Signature)	Date:		Time:		

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 14 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: 7/1/2025 9:59:14AM

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:	WPX Energy - Carlsbad	Date Received:	07/01/25 08:00	Work Order ID:	E506295
Phone:	(575) 200-6754	Date Logged In:	06/30/25 15:39	Logged In By:	Caitlin Mars
Email:	anna@etechnv.com	Due Date:	07/08/25 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Carrier: Courier

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

- 13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

Sample Container

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

Field Label

- 20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? Yes

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Anna Byers



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

WPX Energy - Carlsbad

Project Name: Turkey Track 11 State #001

Work Order: E509036

Job Number: 01058-0007

Received: 9/5/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/11/25

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: 9/11/25



Anna Byers
5315 Buena Vista Dr
Carlsbad, NM 88220

Project Name: Turkey Track 11 State #001
Workorder: E509036
Date Received: 9/5/2025 8:30:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/5/2025 8:30:00AM, under the Project Name: Turkey Track 11 State #001.

The analytical test results summarized in this report with the Project Name: Turkey Track 11 State #001 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
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Sample Summary

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 09/11/25 08:24
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH02 2'	E509036-01A	Soil	09/03/25	09/05/25	Glass Jar, 2 oz.
BH02 3'	E509036-02A	Soil	09/03/25	09/05/25	Glass Jar, 2 oz.
BH02 4'	E509036-03A	Soil	09/03/25	09/05/25	Glass Jar, 2 oz.
BH03 2'	E509036-04A	Soil	09/03/25	09/05/25	Glass Jar, 2 oz.
BH03 3'	E509036-05A	Soil	09/03/25	09/05/25	Glass Jar, 2 oz.
BH03 4'	E509036-06A	Soil	09/03/25	09/05/25	Glass Jar, 2 oz.
BH04 2'	E509036-07A	Soil	09/03/25	09/05/25	Glass Jar, 2 oz.
BH04 3'	E509036-08A	Soil	09/03/25	09/05/25	Glass Jar, 2 oz.
BH04 4'	E509036-09A	Soil	09/03/25	09/05/25	Glass Jar, 2 oz.

Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/11/2025 8:24:17AM
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BH02 2'
E509036-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536084
Benzene	ND	0.0250	1	09/05/25	09/07/25	
Ethylbenzene	ND	0.0250	1	09/05/25	09/07/25	
Toluene	ND	0.0250	1	09/05/25	09/07/25	
o-Xylene	ND	0.0250	1	09/05/25	09/07/25	
p,m-Xylene	ND	0.0500	1	09/05/25	09/07/25	
Total Xylenes	ND	0.0250	1	09/05/25	09/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		108 %	70-130	09/05/25	09/07/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536084
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/25	09/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.3 %	70-130	09/05/25	09/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2537005
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/25	09/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/25	09/08/25	
<i>Surrogate: n-Nonane</i>						
		96.1 %	61-141	09/08/25	09/08/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2536094
Chloride	76.3	20.0	1	09/05/25	09/06/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/11/2025 8:24:17AM
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BH02 3'

E509036-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2536084
Benzene	ND	0.0250	1	09/05/25	09/07/25	
Ethylbenzene	ND	0.0250	1	09/05/25	09/07/25	
Toluene	ND	0.0250	1	09/05/25	09/07/25	
o-Xylene	ND	0.0250	1	09/05/25	09/07/25	
p,m-Xylene	ND	0.0500	1	09/05/25	09/07/25	
Total Xylenes	ND	0.0250	1	09/05/25	09/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		110 %	70-130	09/05/25	09/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2536084
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/25	09/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.3 %	70-130	09/05/25	09/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2537005
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/25	09/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/25	09/08/25	
<i>Surrogate: n-Nonane</i>		95.0 %	61-141	09/08/25	09/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2536094
Chloride	53.5	20.0	1	09/05/25	09/05/25	

Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/11/2025 8:24:17AM
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BH02 4'

E509036-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2536084
Benzene	ND	0.0250	1	09/05/25	09/07/25	
Ethylbenzene	ND	0.0250	1	09/05/25	09/07/25	
Toluene	ND	0.0250	1	09/05/25	09/07/25	
o-Xylene	ND	0.0250	1	09/05/25	09/07/25	
p,m-Xylene	ND	0.0500	1	09/05/25	09/07/25	
Total Xylenes	ND	0.0250	1	09/05/25	09/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		108 %	70-130	09/05/25	09/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2536084
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/25	09/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.4 %	70-130	09/05/25	09/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2537005
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/25	09/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/25	09/08/25	
<i>Surrogate: n-Nonane</i>		95.8 %	61-141	09/08/25	09/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2536094
Chloride	35.8	20.0	1	09/05/25	09/06/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/11/2025 8:24:17AM
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BH03 2'

E509036-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2536084
Benzene	ND	0.0250	1	09/05/25	09/07/25	
Ethylbenzene	ND	0.0250	1	09/05/25	09/07/25	
Toluene	ND	0.0250	1	09/05/25	09/07/25	
o-Xylene	ND	0.0250	1	09/05/25	09/07/25	
p,m-Xylene	ND	0.0500	1	09/05/25	09/07/25	
Total Xylenes	ND	0.0250	1	09/05/25	09/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		109 %	70-130	09/05/25	09/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2536084
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/25	09/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.4 %	70-130	09/05/25	09/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2537005
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/25	09/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/25	09/08/25	
<i>Surrogate: n-Nonane</i>		107 %	61-141	09/08/25	09/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2536094
Chloride	43.2	20.0	1	09/05/25	09/06/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/11/2025 8:24:17AM
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BH03 3'

E509036-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2536084
Benzene	ND	0.0250	1	09/05/25	09/07/25	
Ethylbenzene	ND	0.0250	1	09/05/25	09/07/25	
Toluene	ND	0.0250	1	09/05/25	09/07/25	
o-Xylene	ND	0.0250	1	09/05/25	09/07/25	
p,m-Xylene	ND	0.0500	1	09/05/25	09/07/25	
Total Xylenes	ND	0.0250	1	09/05/25	09/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		108 %	70-130	09/05/25	09/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2536084
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/25	09/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.1 %	70-130	09/05/25	09/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2537005
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/25	09/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/25	09/08/25	
<i>Surrogate: n-Nonane</i>		96.4 %	61-141	09/08/25	09/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2536094
Chloride	107	20.0	1	09/05/25	09/06/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/11/2025 8:24:17AM
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BH03 4'

E509036-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2536084
Benzene	ND	0.0250	1	09/05/25	09/07/25	
Ethylbenzene	ND	0.0250	1	09/05/25	09/07/25	
Toluene	ND	0.0250	1	09/05/25	09/07/25	
o-Xylene	ND	0.0250	1	09/05/25	09/07/25	
p,m-Xylene	ND	0.0500	1	09/05/25	09/07/25	
Total Xylenes	ND	0.0250	1	09/05/25	09/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		110 %	70-130	09/05/25	09/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2536084
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/25	09/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.5 %	70-130	09/05/25	09/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2537005
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/25	09/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/25	09/08/25	
<i>Surrogate: n-Nonane</i>		96.4 %	61-141	09/08/25	09/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2536094
Chloride	146	20.0	1	09/05/25	09/06/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/11/2025 8:24:17AM
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BH04 2'

E509036-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2536084
Benzene	ND	0.0250	1	09/05/25	09/07/25	
Ethylbenzene	ND	0.0250	1	09/05/25	09/07/25	
Toluene	ND	0.0250	1	09/05/25	09/07/25	
o-Xylene	ND	0.0250	1	09/05/25	09/07/25	
p,m-Xylene	ND	0.0500	1	09/05/25	09/07/25	
Total Xylenes	ND	0.0250	1	09/05/25	09/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		110 %	70-130	09/05/25	09/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2536084
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/25	09/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.3 %	70-130	09/05/25	09/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2537005
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/25	09/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/25	09/08/25	
<i>Surrogate: n-Nonane</i>		95.4 %	61-141	09/08/25	09/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2536094
Chloride	ND	20.0	1	09/05/25	09/08/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/11/2025 8:24:17AM
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BH04 3'

E509036-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2536084
Benzene	ND	0.0250	1	09/05/25	09/07/25	
Ethylbenzene	ND	0.0250	1	09/05/25	09/07/25	
Toluene	ND	0.0250	1	09/05/25	09/07/25	
o-Xylene	ND	0.0250	1	09/05/25	09/07/25	
p,m-Xylene	ND	0.0500	1	09/05/25	09/07/25	
Total Xylenes	ND	0.0250	1	09/05/25	09/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		111 %	70-130	09/05/25	09/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2536084
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/25	09/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.2 %	70-130	09/05/25	09/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2537005
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/25	09/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/25	09/08/25	
<i>Surrogate: n-Nonane</i>		97.1 %	61-141	09/08/25	09/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2536094
Chloride	ND	20.0	1	09/05/25	09/08/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/11/2025 8:24:17AM
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BH04 4'

E509036-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2536084
Benzene	ND	0.0250	1	09/05/25	09/07/25	
Ethylbenzene	ND	0.0250	1	09/05/25	09/07/25	
Toluene	ND	0.0250	1	09/05/25	09/07/25	
o-Xylene	ND	0.0250	1	09/05/25	09/07/25	
p,m-Xylene	ND	0.0500	1	09/05/25	09/07/25	
Total Xylenes	ND	0.0250	1	09/05/25	09/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		111 %	70-130	09/05/25	09/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2536084
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/25	09/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.2 %	70-130	09/05/25	09/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2537005
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/25	09/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/25	09/08/25	
<i>Surrogate: n-Nonane</i>		97.0 %	61-141	09/08/25	09/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2536094
Chloride	ND	20.0	1	09/05/25	09/08/25	



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/11/2025 8:24:17AM
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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 (2536084-BLK1)

Prepared: 09/05/25 Analyzed: 09/06/25

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	8.59		8.00		107	70-130			

LCS (2536084-BS1)

Prepared: 09/05/25 Analyzed: 09/06/25

Benzene	4.79	0.0250	5.00		95.8	70-130			
Ethylbenzene	4.79	0.0250	5.00		95.8	70-130			
Toluene	4.77	0.0250	5.00		95.3	70-130			
o-Xylene	4.84	0.0250	5.00		96.8	70-130			
p,m-Xylene	9.70	0.0500	10.0		97.0	70-130			
Total Xylenes	14.5	0.0250	15.0		96.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.47		8.00		106	70-130			

Matrix Spike (2536084-MS1)

Source: E509036-01

Prepared: 09/05/25 Analyzed: 09/07/25

Benzene	4.82	0.0250	5.00	ND	96.4	70-130			
Ethylbenzene	4.82	0.0250	5.00	ND	96.4	70-130			
Toluene	4.79	0.0250	5.00	ND	95.8	70-130			
o-Xylene	4.87	0.0250	5.00	ND	97.4	70-130			
p,m-Xylene	9.75	0.0500	10.0	ND	97.5	70-130			
Total Xylenes	14.6	0.0250	15.0	ND	97.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.69		8.00		109	70-130			

Matrix Spike Dup (2536084-MSD1)

Source: E509036-01

Prepared: 09/05/25 Analyzed: 09/07/25

Benzene	5.02	0.0250	5.00	ND	100	70-130	3.97	27	
Ethylbenzene	5.02	0.0250	5.00	ND	100	70-130	4.01	26	
Toluene	4.99	0.0250	5.00	ND	99.8	70-130	4.08	20	
o-Xylene	5.08	0.0250	5.00	ND	102	70-130	4.11	25	
p,m-Xylene	10.2	0.0500	10.0	ND	102	70-130	4.09	23	
Total Xylenes	15.2	0.0250	15.0	ND	102	70-130	4.10	26	
Surrogate: 4-Bromochlorobenzene-PID	8.55		8.00		107	70-130			



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/11/2025 8:24:17AM
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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 (2536084-BLK1)

Prepared: 09/05/25 Analyzed: 09/06/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.43		8.00		92.8	70-130			

LCS (2536084-BS2)

Prepared: 09/05/25 Analyzed: 09/07/25

Gasoline Range Organics (C6-C10)	56.7	20.0	50.0		113	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.47		8.00		93.4	70-130			

Matrix Spike (2536084-MS2)

Source: E509036-01

Prepared: 09/05/25 Analyzed: 09/07/25

Gasoline Range Organics (C6-C10)	56.3	20.0	50.0	ND	113	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.49		8.00		93.6	70-130			

Matrix Spike Dup (2536084-MSD2)

Source: E509036-01

Prepared: 09/05/25 Analyzed: 09/07/25

Gasoline Range Organics (C6-C10)	54.8	20.0	50.0	ND	110	70-130	2.57	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.56		8.00		94.5	70-130			



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/11/2025 8:24:17AM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

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 (2537005-BLK1)

Prepared: 09/08/25 Analyzed: 09/08/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	43.7		50.0		87.4	61-141			

LCS (2537005-BS1)

Prepared: 09/08/25 Analyzed: 09/08/25

Diesel Range Organics (C10-C28)	244	25.0	250		97.7	66-144			
Surrogate: <i>n</i> -Nonane	45.0		50.0		90.0	61-141			

Matrix Spike (2537005-MS1)

Source: E509036-04

Prepared: 09/08/25 Analyzed: 09/08/25

Diesel Range Organics (C10-C28)	253	25.0	250	ND	101	56-156			
Surrogate: <i>n</i> -Nonane	46.8		50.0		93.6	61-141			

Matrix Spike Dup (2537005-MSD1)

Source: E509036-04

Prepared: 09/08/25 Analyzed: 09/08/25

Diesel Range Organics (C10-C28)	257	25.0	250	ND	103	56-156	1.70	20	
Surrogate: <i>n</i> -Nonane	47.8		50.0		95.5	61-141			



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/11/2025 8:24:17AM
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Anions by EPA 300.0/9056A

Analyst: DT

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 (2536094-BLK1)

Prepared: 09/05/25 Analyzed: 09/05/25

Chloride ND 20.0

LCS (2536094-BS1)

Prepared: 09/05/25 Analyzed: 09/05/25

Chloride 256 20.0 250 102 90-110

Matrix Spike (2536094-MS1)

Source: E509036-02

Prepared: 09/05/25 Analyzed: 09/05/25

Chloride 322 20.0 250 53.5 107 80-120

Matrix Spike Dup (2536094-MSD1)

Source: E509036-02

Prepared: 09/05/25 Analyzed: 09/05/25

Chloride 315 20.0 250 53.5 105 80-120 2.00 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

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 09/11/25 08:24
--	---	------------------------------------

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.





Chain of Custody

Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: WPX Energy Permian, LLC.				Company: Devon Energy Production Co.				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Turkey Track 11 State #001				Address: 5315 Buena Vista Dr.				E5090310010580007							X	X			
Project Manager: Anna Byers				City, State, Zip: Carlsbad, NM, 88220															
Address: 13000 W County Rd 100				Phone: 575-885-7502															
City, State, Zip: Odessa, TX, 79765				Email: jim.raley@dvn.com															
Phone: 432-305-6415				Miscellaneous: PN: 21977															
Email: NMTXGeoGroup@etechnv.com				IN: nMLB0520736007															

Sample Information										Analysis and Method								EPA Program		
Time Sampled	Date Sampled	Matrix	No of Containers	Sample ID	Depth	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA		
9:50	09/03/25	Soil	1	BH02	2'	1								X						
9:52			1	BH02	3'	2								X						
9:56			1	BH02	4'	3								X						
10:10			1	BH03	2'	4								X						
10:12			1	BH03	3'	5								X						
10:14			1	BH03	4'	6								X						
11:20			1	BH04	2'	7								X						
11:22			1	BH04	3'	8								X						
11:24			1	BH04	4'	9								X						

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling 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 on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time			
<i>[Signature]</i>	9/4/25	07:45	Michelle Gonzales	9-4-25	0745			
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time			
Michelle Gonzales	9-4-25	1445	Marissa Gonzales	9-4-25	1445			
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time			
Marissa Gonzales	9-4-25	1820	Andrew Musso	9-4-25	1820			
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time			
Andrew Musso	9-4-25	2330	Carla Mando	9-5-25	830			
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time			

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 14 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: 9/5/2025 12:45:11PM

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: WPX Energy - Carlsbad	Date Received: 09/05/25 08:30	Work Order ID: E509036
Phone: (575) 200-6754	Date Logged In: 09/04/25 16:04	Logged In By: Caitlin Mars
Email: anna@etechnv.com	Due Date: 09/11/25 07:00 (4 day TAT)	

Chain of Custody (COC)

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

Carrier: Courier

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

- 13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

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.



Chain of Custody

Client Information				Invoice Information				Lab Use Only				TAT				State					
Client: WPX Energy Permian, LLC.				Company: Devon Energy Production Co.				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX		
Project Name: Turkey Track 11 State #001				Address: 5315 Buena Vista Dr.				E5090310		010570007						X					
Project Manager: Anna Byers				City, State, Zip: Carlsbad, NM, 88220																	
Address: 13000 W County Rd 100				Phone: 575-885-7502																	
City, State, Zip: Odessa, TX, 79765				Email: jim.raley@devn.com																	
Phone: 432-305-6415				Miscellaneous: PN: 21977																	
Email: NMTXGeoGroup@etechnv.com				IN: nMLB0520736007																	
Sample Information							Analysis and Method								EPA Program						
Time Sampled	Date Sampled	Matrix	No of Containers	Sample ID	Depth	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCO 1005-TX	RCRA 8 Metals	RGDOC-NM	RGDOC-TX	SDWA	CWA	RCRA			
																Compliance	Y	or	N		
																PWSID #					
																Sample Temp			Remarks		
9:50	09/02/25	Soil	1	BH02	2'	1								X		2.7					
9:52			1	BH02	3'	2								X		2.4					
9:56			1	BH02	4'	3								X		3.2					
10:10			1	BH03	2'	4								X		3.1					
10:12			1	BH03	3'	5								X		1.7					
10:14			1	BH03	4'	6								X		1.8					
11:20			1	BH04	2'	7								X		2.1					
11:22			1	BH04	3'	8								X		3.1					
11:20			1	BH04	4'	9								X		2.4					
Additional Instructions: Added name on sampled by- per Client 9/5/25																					
I, (field sampler) attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																					
Sampled by: Christopher Inman cm 9/5/25																					
Relinquished by: (Signature) <i>[Signature]</i>				Date: 9/4/25		Time: 07:45		Received by: (Signature) <i>Michelle Gonzales</i>				Date: 9-4-25		Time: 0745		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N					
Relinquished by: (Signature) <i>Michelle Gonzales</i>				Date: 9-4-25		Time: 1445		Received by: (Signature) <i>Marissa Gonzales</i>				Date: 9-4-25		Time: 1445							
Relinquished by: (Signature) <i>Marissa Gonzales</i>				Date: 9-4-25		Time: 1820		Received by: (Signature) <i>Andrew Musso</i>				Date: 9-4-25		Time: 1820							
Relinquished by: (Signature) <i>Andrew Musso</i>				Date: 9-4-25		Time: 2330		Received by: (Signature) <i>Carl Ward</i>				Date: 9-5-25		Time: 830							
Relinquished by: (Signature)				Date:		Time:		Received by: (Signature)				Date:		Time:							
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA											
Note: Samples are discarded 14 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.																					

Report to:
Anna Byers



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

WPX Energy - Carlsbad

Project Name: Turkey Track 11 State #001

Work Order: E509037

Job Number: 01058-0007

Received: 9/5/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/10/25

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: 9/10/25



Anna Byers
5315 Buena Vista Dr
Carlsbad, NM 88220

Project Name: Turkey Track 11 State #001
Workorder: E509037
Date Received: 9/5/2025 8:30:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/5/2025 8:30:00AM, under the Project Name: Turkey Track 11 State #001.

The analytical test results summarized in this report with the Project Name: Turkey Track 11 State #001 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
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Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
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Sample Summary

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 09/10/25 17:39
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH05 2'	E509037-01A	Soil	09/03/25	09/05/25	Glass Jar, 2 oz.
BH05 3'	E509037-02A	Soil	09/03/25	09/05/25	Glass Jar, 2 oz.
BH05 4'	E509037-03A	Soil	09/03/25	09/05/25	Glass Jar, 2 oz.
BH06 2'	E509037-04A	Soil	09/03/25	09/05/25	Glass Jar, 2 oz.
BH06 3'	E509037-05A	Soil	09/03/25	09/05/25	Glass Jar, 2 oz.
BH06 4'	E509037-06A	Soil	09/03/25	09/05/25	Glass Jar, 2 oz.
BH07 2'	E509037-07A	Soil	09/03/25	09/05/25	Glass Jar, 2 oz.
BH07 3'	E509037-08A	Soil	09/03/25	09/05/25	Glass Jar, 2 oz.
BH07 4'	E509037-09A	Soil	09/03/25	09/05/25	Glass Jar, 2 oz.



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/10/2025 5:39:08PM
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BH05 2'
E509037-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536084
Benzene	ND	0.0250	1	09/05/25	09/07/25	
Ethylbenzene	ND	0.0250	1	09/05/25	09/07/25	
Toluene	ND	0.0250	1	09/05/25	09/07/25	
o-Xylene	ND	0.0250	1	09/05/25	09/07/25	
p,m-Xylene	ND	0.0500	1	09/05/25	09/07/25	
Total Xylenes	ND	0.0250	1	09/05/25	09/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		109 %	70-130	09/05/25	09/07/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536084
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/25	09/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.3 %	70-130	09/05/25	09/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2537006
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/25	09/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/25	09/08/25	
<i>Surrogate: n-Nonane</i>						
		103 %	61-141	09/08/25	09/08/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2536095
Chloride	ND	20.0	1	09/05/25	09/06/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/10/2025 5:39:08PM
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BH05 3'

E509037-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2536084
Benzene	ND	0.0250	1	09/05/25	09/07/25	
Ethylbenzene	ND	0.0250	1	09/05/25	09/07/25	
Toluene	ND	0.0250	1	09/05/25	09/07/25	
o-Xylene	ND	0.0250	1	09/05/25	09/07/25	
p,m-Xylene	ND	0.0500	1	09/05/25	09/07/25	
Total Xylenes	ND	0.0250	1	09/05/25	09/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		112 %	70-130	09/05/25	09/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2536084
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/25	09/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.3 %	70-130	09/05/25	09/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2537006
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/25	09/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/25	09/08/25	
<i>Surrogate: n-Nonane</i>		103 %	61-141	09/08/25	09/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2536095
Chloride	ND	20.0	1	09/05/25	09/06/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/10/2025 5:39:08PM
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BH05 4'

E509037-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2536084
Benzene	ND	0.0250	1	09/05/25	09/07/25	
Ethylbenzene	ND	0.0250	1	09/05/25	09/07/25	
Toluene	ND	0.0250	1	09/05/25	09/07/25	
o-Xylene	ND	0.0250	1	09/05/25	09/07/25	
p,m-Xylene	ND	0.0500	1	09/05/25	09/07/25	
Total Xylenes	ND	0.0250	1	09/05/25	09/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		113 %	70-130	09/05/25	09/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2536084
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/25	09/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.4 %	70-130	09/05/25	09/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2537006
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/25	09/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/25	09/08/25	
<i>Surrogate: n-Nonane</i>		104 %	61-141	09/08/25	09/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2536095
Chloride	180	20.0	1	09/05/25	09/08/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/10/2025 5:39:08PM
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BH06 2'

E509037-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2536084
Benzene	ND	0.0250	1	09/05/25	09/07/25	
Ethylbenzene	ND	0.0250	1	09/05/25	09/07/25	
Toluene	ND	0.0250	1	09/05/25	09/07/25	
o-Xylene	ND	0.0250	1	09/05/25	09/07/25	
p,m-Xylene	ND	0.0500	1	09/05/25	09/07/25	
Total Xylenes	ND	0.0250	1	09/05/25	09/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		112 %	70-130	09/05/25	09/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2536084
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/25	09/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.2 %	70-130	09/05/25	09/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2537006
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/25	09/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/25	09/08/25	
<i>Surrogate: n-Nonane</i>		106 %	61-141	09/08/25	09/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2536095
Chloride	33.9	20.0	1	09/05/25	09/06/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/10/2025 5:39:08PM
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BH06 3'

E509037-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2536084
Benzene	ND	0.0250	1	09/05/25	09/07/25	
Ethylbenzene	ND	0.0250	1	09/05/25	09/07/25	
Toluene	ND	0.0250	1	09/05/25	09/07/25	
o-Xylene	ND	0.0250	1	09/05/25	09/07/25	
p,m-Xylene	ND	0.0500	1	09/05/25	09/07/25	
Total Xylenes	ND	0.0250	1	09/05/25	09/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		111 %	70-130	09/05/25	09/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2536084
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/25	09/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.2 %	70-130	09/05/25	09/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2537006
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/25	09/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/25	09/08/25	
<i>Surrogate: n-Nonane</i>		114 %	61-141	09/08/25	09/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2536095
Chloride	32.5	20.0	1	09/05/25	09/06/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/10/2025 5:39:08PM
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BH06 4'

E509037-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2536084
Benzene	ND	0.0250	1	09/05/25	09/07/25	
Ethylbenzene	ND	0.0250	1	09/05/25	09/07/25	
Toluene	ND	0.0250	1	09/05/25	09/07/25	
o-Xylene	ND	0.0250	1	09/05/25	09/07/25	
p,m-Xylene	ND	0.0500	1	09/05/25	09/07/25	
Total Xylenes	ND	0.0250	1	09/05/25	09/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		110 %	70-130	09/05/25	09/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2536084
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/25	09/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.3 %	70-130	09/05/25	09/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2537006
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/25	09/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/25	09/08/25	
<i>Surrogate: n-Nonane</i>		104 %	61-141	09/08/25	09/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2536095
Chloride	64.0	20.0	1	09/05/25	09/06/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/10/2025 5:39:08PM
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BH07 2'

E509037-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2536084
Benzene	ND	0.0250	1	09/05/25	09/07/25	
Ethylbenzene	ND	0.0250	1	09/05/25	09/07/25	
Toluene	ND	0.0250	1	09/05/25	09/07/25	
o-Xylene	ND	0.0250	1	09/05/25	09/07/25	
p,m-Xylene	ND	0.0500	1	09/05/25	09/07/25	
Total Xylenes	ND	0.0250	1	09/05/25	09/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		111 %	70-130	09/05/25	09/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2536084
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/25	09/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.2 %	70-130	09/05/25	09/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2537006
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/25	09/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/25	09/08/25	
<i>Surrogate: n-Nonane</i>		103 %	61-141	09/08/25	09/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2536095
Chloride	ND	20.0	1	09/05/25	09/06/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/10/2025 5:39:08PM
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BH07 3'

E509037-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2536084
Benzene	ND	0.0250	1	09/05/25	09/07/25	
Ethylbenzene	ND	0.0250	1	09/05/25	09/07/25	
Toluene	ND	0.0250	1	09/05/25	09/07/25	
o-Xylene	ND	0.0250	1	09/05/25	09/07/25	
p,m-Xylene	ND	0.0500	1	09/05/25	09/07/25	
Total Xylenes	ND	0.0250	1	09/05/25	09/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		111 %	70-130	09/05/25	09/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2536084
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/25	09/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.3 %	70-130	09/05/25	09/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2537006
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/25	09/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/25	09/08/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	09/08/25	09/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2536095
Chloride	30.7	20.0	1	09/05/25	09/06/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/10/2025 5:39:08PM
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BH07 4'

E509037-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2536084
Benzene	ND	0.0250	1	09/05/25	09/07/25	
Ethylbenzene	ND	0.0250	1	09/05/25	09/07/25	
Toluene	ND	0.0250	1	09/05/25	09/07/25	
o-Xylene	ND	0.0250	1	09/05/25	09/07/25	
p,m-Xylene	ND	0.0500	1	09/05/25	09/07/25	
Total Xylenes	ND	0.0250	1	09/05/25	09/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		110 %	70-130	09/05/25	09/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2536084
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/25	09/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.1 %	70-130	09/05/25	09/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2537006
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/25	09/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/25	09/08/25	
<i>Surrogate: n-Nonane</i>		105 %	61-141	09/08/25	09/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2536095
Chloride	20.2	20.0	1	09/05/25	09/06/25	



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/10/2025 5:39:08PM
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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 (2536084-BLK1)

Prepared: 09/05/25 Analyzed: 09/06/25

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	8.59		8.00		107	70-130			

LCS (2536084-BS1)

Prepared: 09/05/25 Analyzed: 09/06/25

Benzene	4.79	0.0250	5.00		95.8	70-130			
Ethylbenzene	4.79	0.0250	5.00		95.8	70-130			
Toluene	4.77	0.0250	5.00		95.3	70-130			
o-Xylene	4.84	0.0250	5.00		96.8	70-130			
p,m-Xylene	9.70	0.0500	10.0		97.0	70-130			
Total Xylenes	14.5	0.0250	15.0		96.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.47		8.00		106	70-130			

Matrix Spike (2536084-MS1)

Source: E509036-01

Prepared: 09/05/25 Analyzed: 09/07/25

Benzene	4.82	0.0250	5.00	ND	96.4	70-130			
Ethylbenzene	4.82	0.0250	5.00	ND	96.4	70-130			
Toluene	4.79	0.0250	5.00	ND	95.8	70-130			
o-Xylene	4.87	0.0250	5.00	ND	97.4	70-130			
p,m-Xylene	9.75	0.0500	10.0	ND	97.5	70-130			
Total Xylenes	14.6	0.0250	15.0	ND	97.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.69		8.00		109	70-130			

Matrix Spike Dup (2536084-MSD1)

Source: E509036-01

Prepared: 09/05/25 Analyzed: 09/07/25

Benzene	5.02	0.0250	5.00	ND	100	70-130	3.97	27	
Ethylbenzene	5.02	0.0250	5.00	ND	100	70-130	4.01	26	
Toluene	4.99	0.0250	5.00	ND	99.8	70-130	4.08	20	
o-Xylene	5.08	0.0250	5.00	ND	102	70-130	4.11	25	
p,m-Xylene	10.2	0.0500	10.0	ND	102	70-130	4.09	23	
Total Xylenes	15.2	0.0250	15.0	ND	102	70-130	4.10	26	
Surrogate: 4-Bromochlorobenzene-PID	8.55		8.00		107	70-130			



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/10/2025 5:39:08PM
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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 (2536084-BLK1)

Prepared: 09/05/25 Analyzed: 09/06/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.43		8.00		92.8	70-130			

LCS (2536084-BS2)

Prepared: 09/05/25 Analyzed: 09/07/25

Gasoline Range Organics (C6-C10)	56.7	20.0	50.0		113	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.47		8.00		93.4	70-130			

Matrix Spike (2536084-MS2)

Source: E509036-01

Prepared: 09/05/25 Analyzed: 09/07/25

Gasoline Range Organics (C6-C10)	56.3	20.0	50.0	ND	113	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.49		8.00		93.6	70-130			

Matrix Spike Dup (2536084-MSD2)

Source: E509036-01

Prepared: 09/05/25 Analyzed: 09/07/25

Gasoline Range Organics (C6-C10)	54.8	20.0	50.0	ND	110	70-130	2.57	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.56		8.00		94.5	70-130			



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/10/2025 5:39:08PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

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 (2537006-BLK1)

Prepared: 09/08/25 Analyzed: 09/08/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.2		50.0		100	61-141			

LCS (2537006-BS1)

Prepared: 09/08/25 Analyzed: 09/08/25

Diesel Range Organics (C10-C28)	270	25.0	250		108	66-144			
Surrogate: n-Nonane	50.4		50.0		101	61-141			

Matrix Spike (2537006-MS1)

Source: E509037-05

Prepared: 09/08/25 Analyzed: 09/08/25

Diesel Range Organics (C10-C28)	267	25.0	250	ND	107	56-156			
Surrogate: n-Nonane	50.8		50.0		102	61-141			

Matrix Spike Dup (2537006-MSD1)

Source: E509037-05

Prepared: 09/08/25 Analyzed: 09/08/25

Diesel Range Organics (C10-C28)	272	25.0	250	ND	109	56-156	2.12	20	
Surrogate: n-Nonane	51.3		50.0		103	61-141			



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/10/2025 5:39:08PM
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Anions by EPA 300.0/9056A

Analyst: TP

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 (2536095-BLK1)

Prepared: 09/05/25 Analyzed: 09/05/25

Chloride ND 20.0

LCS (2536095-BS1)

Prepared: 09/05/25 Analyzed: 09/08/25

Chloride 253 20.0 250 101 90-110

Matrix Spike (2536095-MS1)

Source: E509037-03

Prepared: 09/05/25 Analyzed: 09/08/25

Chloride 425 20.0 250 180 98.2 80-120

Matrix Spike Dup (2536095-MSD1)

Source: E509037-03

Prepared: 09/05/25 Analyzed: 09/08/25

Chloride 403 20.0 250 180 89.4 80-120 5.29 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

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 09/10/25 17:39
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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.





Chain of Custody

Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: WPX Energy Permian, LLC.				Company: Devon Energy Production Co.				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Turkey Track 11 State #001				Address: 5315 Buena Vista Dr.				E5091037		0058-0057					X	X			
Project Manager: Anna Byers				City, State, Zip: Carlsbad, NM, 88220															
Address: 13000 W County Rd 100				Phone: 575-885-7502															
City, State, Zip: Odessa, TX, 79765				Email: jim.raley@dvn.com															
Phone: 432-305-6415				Miscellaneous: PN: 21977															
Email: NMTXGeoGroup@etechnv.com				IN: nMLB0520736007															
				w/o: 1094698801															
Sample Information										Analysis and Method						EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
																Compliance	Y	or	N
																PWSID #			
																Sample Temp			Remarks
11:45	09/03/25	Soil	1	BH05	2'	1								X		2.0			
11:47			1	BH05	3'	2								X		2.9			
11:49			1	BH05	4'	3								X		3.0			
13:10			1	BH06	2'	4								X		3.1			
13:12			1	BH06	3'	5								X		2.6			
13:14			1	BH06	4'	6								X		2.4			
13:43			1	BH07	2'	7								X		2.2			
13:45			1	BH07	3'	8								X		2.0			
13:47			1	BH07	4'	9								X		2.1			
Additional Instructions:																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																			
Sampled by:																			
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.							
<i>[Signature]</i>		9/4/25		07:45		Michelle Gonzales		9-4-25		0745									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Michelle Gonzales		9-4-25		1445		Marissa Gonzales		9-4-25		1445									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Marissa Gonzales		9-4-25		1820		Andrew Musso		9-4-25		1820									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N							
Andrew Musso		9-4-25		2330		Caitlin Man		9-5-25		830									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA									
Note: Samples are discarded 14 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: 9/5/2025 12:55:01PM

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:	WPX Energy - Carlsbad	Date Received:	09/05/25 08:30	Work Order ID:	E509037
Phone:	(575) 200-6754	Date Logged In:	09/04/25 16:09	Logged In By:	Caitlin Mars
Email:	anna@etechnv.com	Due Date:	09/11/25 07:00 (4 day TAT)		

Chain of Custody (COC)

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

Carrier: Courier

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

- 13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

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.



Chain of Custody

Client Information				Invoice Information				Lab Use Only				TAT				State							
Client: WPX Energy Permian, LLC.				Company: Devon Energy Production Co.				Lab WO#				1D 2D 3D Std				NM CO UT TX							
Project Name: Turkey Track 11 State #001				Address: 5315 Buena Vista Dr.				E609037				D058-007				x							
Project Manager: Anna Byers				City, State, Zip: Carlsbad, NM, 88220																			
Address: 13000 W County Rd 100				Phone: 575-885-7502																			
City, State, Zip: Odessa, TX, 79765				Email: jim.raley@dv.com																			
Phone: 432-305-6415				Miscellaneous: PN: 21977																			
Email: NMTXGeoGroup@etechnv.com				IN: nMLB0520736007																			
				w/o: 1094698801																			
Sample Information												EPA Program											
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DHO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 3000	TCEO 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA					
11:45	09/03/25	Soil	1	BH05	2'	1								X									
11:47			1	BH05	3'	2								X									
11:49			1	BH05	4'	3								X									
13:10			1	BH06	2'	4								X									
13:12			1	BH06	3'	5								X									
13:14			1	BH06	4'	6								X									
13:43			1	BH07	2'	7								X									
13:45			1	BH07	3'	8								X									
13:47			1	BH07	4'	9								X									
Additional Instructions: Added name on sampled by - per client. 9/5/25																							
I, (field sampler) attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																							
Sampled by: Christopher Inman cm 9/5/25																							
Relinquished by: (Signature)				Date				Time				Received by: (Signature)				Date				Time			
<i>Chris Inman</i>				9/4/25				07:45				<i>Michelle Gonzales</i>				9-4-25				0745			
Relinquished by: (Signature)				Date				Time				Received by: (Signature)				Date				Time			
<i>Michelle Gonzales</i>				9-4-25				1445				<i>Marissa Gonzales</i>				9-4-25				1445			
Relinquished by: (Signature)				Date				Time				Received by: (Signature)				Date				Time			
<i>Marissa Gonzales</i>				9-4-25				1820				<i>Andrew Musso</i>				9-4-25				1820			
Relinquished by: (Signature)				Date				Time				Received by: (Signature)				Date				Time			
<i>Andrew Musso</i>				9-4-25				2330				<i>Geetha Man</i>				9-5-25				830			
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 14 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.																							

Report to:
Anna Byers



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

WPX Energy - Carlsbad

Project Name: Turkey Track 11 State #001

Work Order: E509046

Job Number: 01058-0007

Received: 9/8/2025

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/19/25

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: 9/19/25

Anna Byers
5315 Buena Vista Dr
Carlsbad, NM 88220

Project Name: Turkey Track 11 State #001
Workorder: E509046
Date Received: 9/8/2025 7:00:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/8/2025 7:00:00AM, under the Project Name: Turkey Track 11 State #001.

The analytical test results summarized in this report with the Project Name: Turkey Track 11 State #001 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,

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Sample Summary

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Turkey Track 11 State #001
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
09/19/25 09:43

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH08 0.5'	E509046-01A	Soil	09/04/25	09/08/25	Glass Jar, 2 oz.
BH08 1'	E509046-02A	Soil	09/04/25	09/08/25	Glass Jar, 2 oz.
BH08 2'	E509046-03A	Soil	09/04/25	09/08/25	Glass Jar, 2 oz.
BH08 3'	E509046-04A	Soil	09/04/25	09/08/25	Glass Jar, 2 oz.
BH08 4'	E509046-05A	Soil	09/04/25	09/08/25	Glass Jar, 2 oz.
BH09 0.5'	E509046-06A	Soil	09/04/25	09/08/25	Glass Jar, 2 oz.
BH09 1'	E509046-07A	Soil	09/04/25	09/08/25	Glass Jar, 2 oz.
BH09 2'	E509046-08A	Soil	09/04/25	09/08/25	Glass Jar, 2 oz.
BH09 3'	E509046-09A	Soil	09/04/25	09/08/25	Glass Jar, 2 oz.
BH09 4'	E509046-10A	Soil	09/04/25	09/08/25	Glass Jar, 2 oz.
BH10 0.5'	E509046-11A	Soil	09/04/25	09/08/25	Glass Jar, 2 oz.
BH10 1'	E509046-12A	Soil	09/04/25	09/08/25	Glass Jar, 2 oz.
BH10 2'	E509046-13A	Soil	09/04/25	09/08/25	Glass Jar, 2 oz.
BH10 3'	E509046-14A	Soil	09/04/25	09/08/25	Glass Jar, 2 oz.
BH10 4'	E509046-15A	Soil	09/04/25	09/08/25	Glass Jar, 2 oz.
BH11 0.5'	E509046-16A	Soil	09/04/25	09/08/25	Glass Jar, 2 oz.
BH11 1'	E509046-17A	Soil	09/04/25	09/08/25	Glass Jar, 2 oz.
BH11 2'	E509046-18A	Soil	09/04/25	09/08/25	Glass Jar, 2 oz.
BH11 3'	E509046-19A	Soil	09/04/25	09/08/25	Glass Jar, 2 oz.
BH11 4'	E509046-20A	Soil	09/04/25	09/08/25	Glass Jar, 2 oz.
BH12 0.5'	E509046-21A	Soil	09/04/25	09/08/25	Glass Jar, 2 oz.
BH12 1'	E509046-22A	Soil	09/04/25	09/08/25	Glass Jar, 2 oz.
BH12 2'	E509046-23A	Soil	09/04/25	09/08/25	Glass Jar, 2 oz.
BH12 3'	E509046-24A	Soil	09/04/25	09/08/25	Glass Jar, 2 oz.
BH12 4'	E509046-25A	Soil	09/04/25	09/08/25	Glass Jar, 2 oz.
BH13 0.5'	E509046-26A	Soil	09/04/25	09/08/25	Glass Jar, 2 oz.
BH13 1'	E509046-27A	Soil	09/04/25	09/08/25	Glass Jar, 2 oz.
BH13 2'	E509046-28A	Soil	09/04/25	09/08/25	Glass Jar, 2 oz.
BH13 3'	E509046-29A	Soil	09/04/25	09/08/25	Glass Jar, 2 oz.
BH13 4'	E509046-30A	Soil	09/04/25	09/08/25	Glass Jar, 2 oz.
BH14 0.5'	E509046-31A	Soil	09/04/25	09/08/25	Glass Jar, 2 oz.
BH14 1'	E509046-32A	Soil	09/04/25	09/08/25	Glass Jar, 2 oz.
BH14 2'	E509046-33A	Soil	09/04/25	09/08/25	Glass Jar, 2 oz.
BH14 3'	E509046-34A	Soil	09/04/25	09/08/25	Glass Jar, 2 oz.
BH14 4'	E509046-35A	Soil	09/04/25	09/08/25	Glass Jar, 2 oz.
BH15 0.5'	E509046-36A	Soil	09/04/25	09/08/25	Glass Jar, 2 oz.
BH15 1'	E509046-37A	Soil	09/04/25	09/08/25	Glass Jar, 2 oz.
BH15 2'	E509046-38A	Soil	09/04/25	09/08/25	Glass Jar, 2 oz.
BH15 3'	E509046-39A	Soil	09/04/25	09/08/25	Glass Jar, 2 oz.
BH15 4'	E509046-40A	Soil	09/04/25	09/08/25	Glass Jar, 2 oz.
BH16 0.5'	E509046-41A	Soil	09/04/25	09/08/25	Glass Jar, 2 oz.
BH16 1'	E509046-42A	Soil	09/04/25	09/08/25	Glass Jar, 2 oz.



Sample Summary

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 09/19/25 09:43
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH16 2'	E509046-43A	Soil	09/04/25	09/08/25	Glass Jar, 2 oz.
BH16 3'	E509046-44A	Soil	09/04/25	09/08/25	Glass Jar, 2 oz.
BH16 4'	E509046-45A	Soil	09/04/25	09/08/25	Glass Jar, 2 oz.



Case Narrative:

Project Name: Turkey Track 11 State #001

Workorder:E509046

Date Received: 09/08/25 07:00

The client requested the following sample(s) to be re-extracted and re-analyzed:

<u>Sample Name</u>	<u>Laboratory ID</u>	<u>Analysis</u>
BH16 4'	E509046-45A	Chloride by 300.0/9056A

The analytical test results summarized in this revised report represent this re-extraction and re-analysis.

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

Respectfully,

Walter Hinchman



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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BH08 0.5'

E509046-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2537014	
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.7 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2537014	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.0 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2537009	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/25	09/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/25	09/09/25	
<i>Surrogate: n-Nonane</i>		108 %	61-141	09/08/25	09/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2537020	
Chloride	ND	20.0	1	09/08/25	09/08/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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BH08 1'

E509046-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2537014
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.5 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2537014
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.3 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2537009
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/25	09/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/25	09/09/25	
<i>Surrogate: n-Nonane</i>		98.3 %	61-141	09/08/25	09/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2537020
Chloride	27.1	20.0	1	09/08/25	09/08/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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BH08 2'

E509046-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2537014
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.7 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2537014
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.6 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2537009
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/25	09/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/25	09/09/25	
<i>Surrogate: n-Nonane</i>		108 %	61-141	09/08/25	09/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2537020
Chloride	78.0	20.0	1	09/08/25	09/08/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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BH08 3'

E509046-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2537014
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		94.1 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2537014
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.7 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2537009
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/25	09/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/25	09/09/25	
<i>Surrogate: n-Nonane</i>						
		110 %	61-141	09/08/25	09/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2537020
Chloride	141	20.0	1	09/08/25	09/08/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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BH08 4'

E509046-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2537014
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.2 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2537014
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.7 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2537009
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/25	09/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/25	09/09/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	09/08/25	09/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2537020
Chloride	200	20.0	1	09/08/25	09/08/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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BH09 0.5'

E509046-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2537014
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.0 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2537014
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.6 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2537009
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/25	09/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/25	09/09/25	
<i>Surrogate: n-Nonane</i>		108 %	61-141	09/08/25	09/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2537020
Chloride	24.2	20.0	1	09/08/25	09/08/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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BH09 1'

E509046-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2537014
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.1 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2537014
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.0 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2537009
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/25	09/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/25	09/09/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	09/08/25	09/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2537020
Chloride	137	20.0	1	09/08/25	09/08/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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BH09 2'

E509046-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2537014
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.7 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2537014
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.6 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2537009
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/25	09/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/25	09/09/25	
<i>Surrogate: n-Nonane</i>		98.4 %	61-141	09/08/25	09/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2537020
Chloride	282	20.0	1	09/08/25	09/08/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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BH09 3'

E509046-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2537014
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.3 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2537014
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.8 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2537009
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/25	09/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/25	09/09/25	
<i>Surrogate: n-Nonane</i>		98.6 %	61-141	09/08/25	09/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2537020
Chloride	145	20.0	1	09/08/25	09/08/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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BH09 4'

E509046-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2537014
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.0 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2537014
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.2 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2537009
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/25	09/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/25	09/10/25	
<i>Surrogate: n-Nonane</i>		100 %	61-141	09/08/25	09/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2537020
Chloride	153	20.0	1	09/08/25	09/08/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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BH10 0.5'

E509046-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2537014
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		92.9 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2537014
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		87.9 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2537009
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/25	09/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/25	09/10/25	
<i>Surrogate: n-Nonane</i>						
		101 %	61-141	09/08/25	09/10/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2537020
Chloride	227	20.0	1	09/08/25	09/08/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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BH10 1'

E509046-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2537014
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.7 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2537014
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.1 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2537009
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/25	09/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/25	09/10/25	
<i>Surrogate: n-Nonane</i>		100 %	61-141	09/08/25	09/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2537020
Chloride	298	20.0	1	09/08/25	09/08/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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BH10 2'
E509046-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2537014
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.8 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2537014
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.7 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2537009
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/25	09/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/25	09/10/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	09/08/25	09/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2537020
Chloride	196	20.0	1	09/08/25	09/08/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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BH10 3'

E509046-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2537014
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.2 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2537014
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.2 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2537009
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/25	09/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/25	09/10/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	09/08/25	09/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2537020
Chloride	114	20.0	1	09/08/25	09/08/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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BH10 4'

E509046-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2537014
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.3 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2537014
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.3 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2537009
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/25	09/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/25	09/10/25	
<i>Surrogate: n-Nonane</i>		104 %	61-141	09/08/25	09/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2537020
Chloride	212	20.0	1	09/08/25	09/08/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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BH11 0.5'

E509046-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2537014
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.5 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2537014
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.2 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2537009
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/25	09/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/25	09/10/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	09/08/25	09/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2537020
Chloride	ND	20.0	1	09/08/25	09/08/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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BH11 1'

E509046-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2537014
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		90.8 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2537014
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.3 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2537009
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/25	09/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/25	09/10/25	
<i>Surrogate: n-Nonane</i>		103 %	61-141	09/08/25	09/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2537020
Chloride	55.3	20.0	1	09/08/25	09/08/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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BH11 2'

E509046-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2537014
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.4 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2537014
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.9 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2537009
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/25	09/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/25	09/09/25	
<i>Surrogate: n-Nonane</i>		97.6 %	61-141	09/08/25	09/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2537020
Chloride	59.1	20.0	1	09/08/25	09/08/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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BH11 3'

E509046-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2537014
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.5 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2537014
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.7 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2537009
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/25	09/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/25	09/10/25	
<i>Surrogate: n-Nonane</i>		99.7 %	61-141	09/08/25	09/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2537020
Chloride	120	20.0	1	09/08/25	09/08/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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BH11 4'

E509046-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2537014
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.0 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2537014
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.5 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2537009
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/25	09/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/25	09/10/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	09/08/25	09/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2537020
Chloride	123	20.0	1	09/08/25	09/09/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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BH12 0.5'

E509046-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2537018
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		113 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2537018
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.0 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2537031
Diesel Range Organics (C10-C28)	ND	25.0	1	09/09/25	09/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/09/25	09/09/25	
<i>Surrogate: n-Nonane</i>		95.8 %	61-141	09/09/25	09/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2537021
Chloride	142	20.0	1	09/08/25	09/09/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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BH12 1'

E509046-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2537018
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		113 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2537018
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.6 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2537031
Diesel Range Organics (C10-C28)	ND	25.0	1	09/09/25	09/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/09/25	09/09/25	
<i>Surrogate: n-Nonane</i>		98.5 %	61-141	09/09/25	09/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2537021
Chloride	180	20.0	1	09/08/25	09/09/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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BH12 2'
E509046-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2537018
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		114 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2537018
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.0 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2537031
Diesel Range Organics (C10-C28)	ND	25.0	1	09/09/25	09/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/09/25	09/09/25	
<i>Surrogate: n-Nonane</i>		96.1 %	61-141	09/09/25	09/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2537021
Chloride	175	20.0	1	09/08/25	09/09/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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BH12 3'

E509046-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2537018
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		113 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2537018
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.7 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2537031
Diesel Range Organics (C10-C28)	ND	25.0	1	09/09/25	09/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/09/25	09/09/25	
<i>Surrogate: n-Nonane</i>		98.4 %	61-141	09/09/25	09/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2537021
Chloride	158	20.0	1	09/08/25	09/09/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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BH12 4'
E509046-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2537018
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		113 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2537018
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.4 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2537031
Diesel Range Organics (C10-C28)	ND	25.0	1	09/09/25	09/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/09/25	09/09/25	
<i>Surrogate: n-Nonane</i>		95.0 %	61-141	09/09/25	09/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2537021
Chloride	172	20.0	1	09/08/25	09/09/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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BH13 0.5'

E509046-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2537018
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		114 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2537018
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.3 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2537031
Diesel Range Organics (C10-C28)	ND	25.0	1	09/09/25	09/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/09/25	09/09/25	
<i>Surrogate: n-Nonane</i>		95.4 %	61-141	09/09/25	09/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2537021
Chloride	298	20.0	1	09/08/25	09/09/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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BH13 1'

E509046-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2537018
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		114 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2537018
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.1 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2537031
Diesel Range Organics (C10-C28)	ND	25.0	1	09/09/25	09/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/09/25	09/09/25	
<i>Surrogate: n-Nonane</i>		93.4 %	61-141	09/09/25	09/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2537021
Chloride	67.7	20.0	1	09/08/25	09/08/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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BH13 2'

E509046-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2537018
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		113 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2537018
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.0 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2537031
Diesel Range Organics (C10-C28)	ND	25.0	1	09/09/25	09/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/09/25	09/09/25	
<i>Surrogate: n-Nonane</i>		92.7 %	61-141	09/09/25	09/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2537021
Chloride	ND	20.0	1	09/08/25	09/09/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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BH13 3'
E509046-29

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2537018
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		113 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2537018
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.1 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2537031
Diesel Range Organics (C10-C28)	ND	25.0	1	09/09/25	09/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/09/25	09/09/25	
<i>Surrogate: n-Nonane</i>		97.1 %	61-141	09/09/25	09/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2537021
Chloride	ND	20.0	1	09/08/25	09/09/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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BH13 4'

E509046-30

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2537018
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		114 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2537018
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.6 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2537031
Diesel Range Organics (C10-C28)	ND	25.0	1	09/09/25	09/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/09/25	09/09/25	
<i>Surrogate: n-Nonane</i>		93.9 %	61-141	09/09/25	09/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2537021
Chloride	ND	20.0	1	09/08/25	09/09/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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BH14 0.5'

E509046-31

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2537018
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		113 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2537018
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.0 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2537031
Diesel Range Organics (C10-C28)	ND	25.0	1	09/09/25	09/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/09/25	09/09/25	
<i>Surrogate: n-Nonane</i>		94.6 %	61-141	09/09/25	09/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2537021
Chloride	42.5	20.0	1	09/08/25	09/09/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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BH14 1'

E509046-32

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2537018
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		113 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2537018
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.6 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2537031
Diesel Range Organics (C10-C28)	ND	25.0	1	09/09/25	09/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/09/25	09/09/25	
<i>Surrogate: n-Nonane</i>		95.8 %	61-141	09/09/25	09/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2537021
Chloride	221	20.0	1	09/08/25	09/09/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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BH14 2'

E509046-33

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2537018
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		113 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2537018
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.1 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2537031
Diesel Range Organics (C10-C28)	ND	25.0	1	09/09/25	09/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/09/25	09/10/25	
<i>Surrogate: n-Nonane</i>		95.5 %	61-141	09/09/25	09/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2537021
Chloride	511	20.0	1	09/08/25	09/09/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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BH14 3'

E509046-34

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2537018
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		112 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2537018
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.3 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2537031
Diesel Range Organics (C10-C28)	ND	25.0	1	09/09/25	09/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/09/25	09/10/25	
<i>Surrogate: n-Nonane</i>		97.3 %	61-141	09/09/25	09/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2537021
Chloride	381	20.0	1	09/08/25	09/09/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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BH14 4'

E509046-35

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2537018
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		111 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2537018
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.2 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2537031
Diesel Range Organics (C10-C28)	ND	25.0	1	09/09/25	09/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/09/25	09/10/25	
<i>Surrogate: n-Nonane</i>		94.6 %	61-141	09/09/25	09/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2537021
Chloride	404	20.0	1	09/08/25	09/09/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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BH15 0.5'

E509046-36

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2537018
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		110 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2537018
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.0 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2537031
Diesel Range Organics (C10-C28)	ND	25.0	1	09/09/25	09/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/09/25	09/10/25	
<i>Surrogate: n-Nonane</i>		94.8 %	61-141	09/09/25	09/10/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2537021
Chloride	ND	20.0	1	09/08/25	09/09/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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BH15 1'
E509046-37

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2537018
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		110 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2537018
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.9 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2537031
Diesel Range Organics (C10-C28)	ND	25.0	1	09/09/25	09/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/09/25	09/10/25	
<i>Surrogate: n-Nonane</i>		92.9 %	61-141	09/09/25	09/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2537021
Chloride	53.4	20.0	1	09/08/25	09/09/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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BH15 2'

E509046-38

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2537018
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		110 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2537018
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.0 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2537031
Diesel Range Organics (C10-C28)	ND	25.0	1	09/09/25	09/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/09/25	09/10/25	
<i>Surrogate: n-Nonane</i>		96.2 %	61-141	09/09/25	09/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2537021
Chloride	261	20.0	1	09/08/25	09/09/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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BH15 3'

E509046-39

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2537018
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		109 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2537018
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.0 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2537031
Diesel Range Organics (C10-C28)	ND	25.0	1	09/09/25	09/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/09/25	09/10/25	
<i>Surrogate: n-Nonane</i>		95.4 %	61-141	09/09/25	09/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2537021
Chloride	136	20.0	1	09/08/25	09/09/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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BH15 4'

E509046-40

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2537018
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		108 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2537018
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.6 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2537031
Diesel Range Organics (C10-C28)	ND	25.0	1	09/09/25	09/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/09/25	09/10/25	
<i>Surrogate: n-Nonane</i>		96.7 %	61-141	09/09/25	09/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2537021
Chloride	114	20.0	1	09/08/25	09/09/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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BH16 0.5'

E509046-41

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2537010
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2537010
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.2 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2537032
Diesel Range Organics (C10-C28)	ND	25.0	1	09/09/25	09/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/09/25	09/09/25	
<i>Surrogate: n-Nonane</i>		94.7 %	61-141	09/09/25	09/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2537017
Chloride	ND	20.0	1	09/08/25	09/08/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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BH16 1'

E509046-42

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2537010
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2537010
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.8 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2537032
Diesel Range Organics (C10-C28)	ND	25.0	1	09/09/25	09/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/09/25	09/09/25	
<i>Surrogate: n-Nonane</i>		95.5 %	61-141	09/09/25	09/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2537017
Chloride	ND	20.0	1	09/08/25	09/08/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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BH16 2'
E509046-43

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2537010
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2537010
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.9 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2537032
Diesel Range Organics (C10-C28)	ND	25.0	1	09/09/25	09/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/09/25	09/09/25	
<i>Surrogate: n-Nonane</i>						
		96.6 %	61-141	09/09/25	09/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2537017
Chloride	23.2	20.0	1	09/08/25	09/08/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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BH16 3'

E509046-44

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2537010
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.2 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2537010
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.4 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2537032
Diesel Range Organics (C10-C28)	ND	25.0	1	09/09/25	09/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/09/25	09/10/25	
<i>Surrogate: n-Nonane</i>		99.6 %	61-141	09/09/25	09/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2537017
Chloride	786	20.0	1	09/08/25	09/08/25	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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BH16 4'
E509046-45

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2537010
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.9 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2537010
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.3 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2537032
Diesel Range Organics (C10-C28)	ND	25.0	1	09/09/25	09/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/09/25	09/10/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	09/09/25	09/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2538008
Chloride	684	20.0	1	09/15/25	09/15/25	



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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Volatile Organics by EPA 8021B

Analyst: SL

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 (2537010-BLK1)

Prepared: 09/08/25 Analyzed: 09/08/25

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	8.10		8.00		101	70-130			

LCS (2537010-BS1)

Prepared: 09/08/25 Analyzed: 09/08/25

Benzene	4.29	0.0250	5.00		85.8	70-130			
Ethylbenzene	4.31	0.0250	5.00		86.2	70-130			
Toluene	4.33	0.0250	5.00		86.5	70-130			
o-Xylene	4.44	0.0250	5.00		88.8	70-130			
p,m-Xylene	8.81	0.0500	10.0		88.1	70-130			
Total Xylenes	13.2	0.0250	15.0		88.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.05		8.00		101	70-130			

Matrix Spike (2537010-MS1)

Source: E509043-05

Prepared: 09/08/25 Analyzed: 09/08/25

Benzene	4.68	0.0250	5.00	ND	93.6	70-130			
Ethylbenzene	4.68	0.0250	5.00	ND	93.6	70-130			
Toluene	4.67	0.0250	5.00	ND	93.5	70-130			
o-Xylene	4.74	0.0250	5.00	ND	94.9	70-130			
p,m-Xylene	9.50	0.0500	10.0	ND	95.0	70-130			
Total Xylenes	14.2	0.0250	15.0	ND	95.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.22		8.00		103	70-130			

Matrix Spike Dup (2537010-MSD1)

Source: E509043-05

Prepared: 09/08/25 Analyzed: 09/08/25

Benzene	5.26	0.0250	5.00	ND	105	70-130	11.6	27	
Ethylbenzene	5.27	0.0250	5.00	ND	105	70-130	11.8	26	
Toluene	5.25	0.0250	5.00	ND	105	70-130	11.5	20	
o-Xylene	5.25	0.0250	5.00	ND	105	70-130	10.1	25	
p,m-Xylene	10.6	0.0500	10.0	ND	106	70-130	11.4	23	
Total Xylenes	15.9	0.0250	15.0	ND	106	70-130	11.0	26	
Surrogate: 4-Bromochlorobenzene-PID	8.16		8.00		102	70-130			



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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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 (2537014-BLK1)

Prepared: 09/08/25 Analyzed: 09/08/25

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	7.60		8.00		95.0	70-130			

LCS (2537014-BS1)

Prepared: 09/08/25 Analyzed: 09/10/25

Benzene	5.34	0.0250	5.00		107	70-130			
Ethylbenzene	5.08	0.0250	5.00		102	70-130			
Toluene	5.23	0.0250	5.00		105	70-130			
o-Xylene	5.16	0.0250	5.00		103	70-130			
p,m-Xylene	10.2	0.0500	10.0		102	70-130			
Total Xylenes	15.3	0.0250	15.0		102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.36		8.00		92.0	70-130			

Matrix Spike (2537014-MS1)

Source: E509046-01

Prepared: 09/08/25 Analyzed: 09/08/25

Benzene	5.11	0.0250	5.00	ND	102	70-130			
Ethylbenzene	4.99	0.0250	5.00	ND	99.8	70-130			
Toluene	5.06	0.0250	5.00	ND	101	70-130			
o-Xylene	5.03	0.0250	5.00	ND	101	70-130			
p,m-Xylene	10.1	0.0500	10.0	ND	101	70-130			
Total Xylenes	15.1	0.0250	15.0	ND	101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.52		8.00		94.0	70-130			

Matrix Spike Dup (2537014-MSD1)

Source: E509046-01

Prepared: 09/08/25 Analyzed: 09/08/25

Benzene	5.26	0.0250	5.00	ND	105	70-130	2.77	27	
Ethylbenzene	5.14	0.0250	5.00	ND	103	70-130	2.89	26	
Toluene	5.20	0.0250	5.00	ND	104	70-130	2.89	20	
o-Xylene	5.18	0.0250	5.00	ND	104	70-130	2.84	25	
p,m-Xylene	10.4	0.0500	10.0	ND	104	70-130	2.89	23	
Total Xylenes	15.6	0.0250	15.0	ND	104	70-130	2.87	26	
Surrogate: 4-Bromochlorobenzene-PID	7.49		8.00		93.6	70-130			



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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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 (2537018-BLK1)

Prepared: 09/08/25 Analyzed: 09/08/25

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	9.12		8.00		114	70-130			

LCS (2537018-BS1)

Prepared: 09/08/25 Analyzed: 09/09/25

Benzene	4.87	0.0250	5.00		97.5	70-130			
Ethylbenzene	4.94	0.0250	5.00		98.7	70-130			
Toluene	4.88	0.0250	5.00		97.7	70-130			
o-Xylene	5.00	0.0250	5.00		100	70-130			
p,m-Xylene	10.0	0.0500	10.0		100	70-130			
Total Xylenes	15.0	0.0250	15.0		100	70-130			
Surrogate: 4-Bromochlorobenzene-PID	9.07		8.00		113	70-130			

Matrix Spike (2537018-MS1)

Source: E509046-22

Prepared: 09/08/25 Analyzed: 09/09/25

Benzene	4.56	0.0250	5.00	ND	91.1	70-130			
Ethylbenzene	4.62	0.0250	5.00	ND	92.5	70-130			
Toluene	4.56	0.0250	5.00	ND	91.2	70-130			
o-Xylene	4.69	0.0250	5.00	ND	93.7	70-130			
p,m-Xylene	9.39	0.0500	10.0	ND	93.9	70-130			
Total Xylenes	14.1	0.0250	15.0	ND	93.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	9.18		8.00		115	70-130			

Matrix Spike Dup (2537018-MSD1)

Source: E509046-22

Prepared: 09/08/25 Analyzed: 09/09/25

Benzene	4.55	0.0250	5.00	ND	91.0	70-130	0.137	27	
Ethylbenzene	4.61	0.0250	5.00	ND	92.3	70-130	0.233	26	
Toluene	4.55	0.0250	5.00	ND	91.0	70-130	0.185	20	
o-Xylene	4.68	0.0250	5.00	ND	93.6	70-130	0.171	25	
p,m-Xylene	9.37	0.0500	10.0	ND	93.7	70-130	0.223	23	
Total Xylenes	14.0	0.0250	15.0	ND	93.7	70-130	0.206	26	
Surrogate: 4-Bromochlorobenzene-PID	9.21		8.00		115	70-130			



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

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 (2537010-BLK1)

Prepared: 09/08/25 Analyzed: 09/08/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.16		8.00		89.5	70-130			

LCS (2537010-BS2)

Prepared: 09/08/25 Analyzed: 09/08/25

Gasoline Range Organics (C6-C10)	57.8	20.0	50.0		116	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.30		8.00		91.3	70-130			

Matrix Spike (2537010-MS2)

Source: E509043-05

Prepared: 09/08/25 Analyzed: 09/08/25

Gasoline Range Organics (C6-C10)	60.0	20.0	50.0	ND	120	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		8.00		92.0	70-130			

Matrix Spike Dup (2537010-MSD2)

Source: E509043-05

Prepared: 09/08/25 Analyzed: 09/08/25

Gasoline Range Organics (C6-C10)	63.2	20.0	50.0	ND	126	70-130	5.10	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.38		8.00		92.2	70-130			



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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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 (2537014-BLK1)

Prepared: 09/08/25 Analyzed: 09/08/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.07		8.00		88.4	70-130			

LCS (2537014-BS2)

Prepared: 09/08/25 Analyzed: 09/08/25

Gasoline Range Organics (C6-C10)	55.4	20.0	50.0		111	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.05		8.00		88.1	70-130			

Matrix Spike (2537014-MS2)

Source: E509046-01

Prepared: 09/08/25 Analyzed: 09/08/25

Gasoline Range Organics (C6-C10)	55.1	20.0	50.0	ND	110	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.19		8.00		89.9	70-130			

Matrix Spike Dup (2537014-MSD2)

Source: E509046-01

Prepared: 09/08/25 Analyzed: 09/08/25

Gasoline Range Organics (C6-C10)	56.0	20.0	50.0	ND	112	70-130	1.57	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.90		8.00		86.2	70-130			



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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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 (2537018-BLK1)

Prepared: 09/08/25 Analyzed: 09/08/25

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

LCS (2537018-BS2)

Prepared: 09/08/25 Analyzed: 09/09/25

Gasoline Range Organics (C6-C10)	60.5	20.0	50.0		121	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.66		8.00		95.8	70-130			

Matrix Spike (2537018-MS2)

Source: E509046-22

Prepared: 09/08/25 Analyzed: 09/09/25

Gasoline Range Organics (C6-C10)	62.5	20.0	50.0	ND	125	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.67		8.00		95.9	70-130			

Matrix Spike Dup (2537018-MSD2)

Source: E509046-22

Prepared: 09/08/25 Analyzed: 09/09/25

Gasoline Range Organics (C6-C10)	58.7	20.0	50.0	ND	117	70-130	6.34	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.61		8.00		95.1	70-130			



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2537009-BLK1)

Prepared: 09/08/25 Analyzed: 09/09/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	48.3		50.0		96.5	61-141			

LCS (2537009-BS1)

Prepared: 09/08/25 Analyzed: 09/09/25

Diesel Range Organics (C10-C28)	268	25.0	250		107	66-144			
Surrogate: <i>n</i> -Nonane	47.8		50.0		95.6	61-141			

Matrix Spike (2537009-MS1)

Source: E509046-18

Prepared: 09/08/25 Analyzed: 09/09/25

Diesel Range Organics (C10-C28)	276	25.0	250	ND	110	56-156			
Surrogate: <i>n</i> -Nonane	49.6		50.0		99.1	61-141			

Matrix Spike Dup (2537009-MSD1)

Source: E509046-18

Prepared: 09/08/25 Analyzed: 09/09/25

Diesel Range Organics (C10-C28)	289	25.0	250	ND	115	56-156	4.36	20	
Surrogate: <i>n</i> -Nonane	51.5		50.0		103	61-141			



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

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 (2537031-BLK1)

Prepared: 09/09/25 Analyzed: 09/09/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.5		50.0		97.0	61-141			

LCS (2537031-BS1)

Prepared: 09/09/25 Analyzed: 09/09/25

Diesel Range Organics (C10-C28)	271	25.0	250		109	66-144			
Surrogate: n-Nonane	48.7		50.0		97.5	61-141			

Matrix Spike (2537031-MS1)

Source: E509046-24

Prepared: 09/09/25 Analyzed: 09/09/25

Diesel Range Organics (C10-C28)	274	25.0	250	ND	110	56-156			
Surrogate: n-Nonane	49.6		50.0		99.3	61-141			

Matrix Spike Dup (2537031-MSD1)

Source: E509046-24

Prepared: 09/09/25 Analyzed: 09/09/25

Diesel Range Organics (C10-C28)	297	25.0	250	ND	119	56-156	7.98	20	
Surrogate: n-Nonane	53.4		50.0		107	61-141			



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

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 (2537032-BLK1)

Prepared: 09/09/25 Analyzed: 09/09/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.4		50.0		94.7	61-141			

LCS (2537032-BS1)

Prepared: 09/09/25 Analyzed: 09/09/25

Diesel Range Organics (C10-C28)	247	25.0	250		98.8	66-144			
Surrogate: n-Nonane	46.9		50.0		93.7	61-141			

Matrix Spike (2537032-MS1)

Source: E509044-05

Prepared: 09/09/25 Analyzed: 09/09/25

Diesel Range Organics (C10-C28)	256	25.0	250	ND	103	56-156			
Surrogate: n-Nonane	49.0		50.0		98.0	61-141			

Matrix Spike Dup (2537032-MSD1)

Source: E509044-05

Prepared: 09/09/25 Analyzed: 09/09/25

Diesel Range Organics (C10-C28)	259	25.0	250	ND	104	56-156	1.17	20	
Surrogate: n-Nonane	49.4		50.0		98.9	61-141			



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Turkey Track 11 State #001	Reported: 9/19/2025 9:43:09AM
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2537017-BLK1)

Prepared: 09/08/25 Analyzed: 09/08/25

Chloride	ND	20.0							
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LCS (2537017-BS1)

Prepared: 09/08/25 Analyzed: 09/08/25

Chloride	256	20.0	250		103	90-110			
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Matrix Spike (2537017-MS1)

Source: E509044-03

Prepared: 09/08/25 Analyzed: 09/08/25

Chloride	8910	200	250	8260	261	80-120			M4
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Matrix Spike Dup (2537017-MSD1)

Source: E509044-03

Prepared: 09/08/25 Analyzed: 09/08/25

Chloride	7590	200	250	8260	NR	80-120	15.9	20	M4
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QC Summary Data

WPX Energy - Carlsbad	Project Name:	Turkey Track 11 State #001	Reported: 9/19/2025 9:43:09AM
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2537020-BLK1)

Prepared: 09/08/25 Analyzed: 09/08/25

Chloride ND 20.0

LCS (2537020-BS1)

Prepared: 09/08/25 Analyzed: 09/08/25

Chloride 250 20.0 250 100 90-110

Matrix Spike (2537020-MS1)

Source: E509046-06

Prepared: 09/08/25 Analyzed: 09/08/25

Chloride 278 20.0 250 24.2 102 80-120

Matrix Spike Dup (2537020-MSD1)

Source: E509046-06

Prepared: 09/08/25 Analyzed: 09/08/25

Chloride 277 20.0 250 24.2 101 80-120 0.508 20



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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Anions by EPA 300.0/9056A

Analyst: TP

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 (2537021-BLK1)

Prepared: 09/08/25 Analyzed: 09/08/25

Chloride ND 20.0

LCS (2537021-BS1)

Prepared: 09/08/25 Analyzed: 09/08/25

Chloride 256 20.0 250 102 90-110

Matrix Spike (2537021-MS1)

Source: E509046-27

Prepared: 09/08/25 Analyzed: 09/08/25

Chloride 321 20.0 250 67.7 101 80-120

Matrix Spike Dup (2537021-MSD1)

Source: E509046-27

Prepared: 09/08/25 Analyzed: 09/08/25

Chloride 322 20.0 250 67.7 102 80-120 0.351 20



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/19/2025 9:43:09AM
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Anions by EPA 300.0/9056A

Analyst: DT

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 (2538008-BLK1)

Prepared: 09/15/25 Analyzed: 09/15/25

Chloride ND 20.0

LCS (2538008-BS1)

Prepared: 09/15/25 Analyzed: 09/15/25

Chloride 258 20.0 250 103 90-110

Matrix Spike (2538008-MS1)

Source: E509130-02

Prepared: 09/15/25 Analyzed: 09/16/25

Chloride 463 200 250 201 105 80-120

Matrix Spike Dup (2538008-MSD1)

Source: E509130-02

Prepared: 09/15/25 Analyzed: 09/16/25

Chloride 449 200 250 201 99.3 80-120 3.16 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

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 09/19/25 09:43
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M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.

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.





Chain of Custody

Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: WPX Energy Permian, LLC.				Company: Devon Energy Production Co.				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Turkey Track 11 State #001				Address: 5315 Buena Vista Dr.				ES09046		01058-0007					X	X			
Project Manager: Anna Byers				City, State, Zip: Carlsbad, NM, 88220												EPA Program			
Address: 13000 W County Rd 100				Phone: 575-885-7502												SDWA	CWA	RCRA	
City, State, Zip: Odessa, TX, 79765				Email: jim.raley@dvn.com												Compliance	Y	or	N
Phone: 432-305-6415				Miscellaneous: PN: 21977												PWSID #			
Email: NMTXGeoGroup@etechnv.com				IN: nMLB0520736007 CC: 1094698801												Sample Temp	Remarks		
Sample Information																			
Time Sampled	Date Sampled	Matrix	No of Containers	Sample ID	Depth	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	Sample Temp	Remarks		
9:15	9/4/25	Soil	1	BH08	0.5	1								X		4.4			
9:19			1	BH08	1	2								X		4.2			
9:23			1	BH08	2	3								X		4.1			
9:27			1	BH08	3	4								X		3.9			
9:31			1	BH08	4	5								X		3.8			
10:05			1	BH09	0.5	6								X		4.0			
10:09			1	BH09	1	7								X		4.4			
10:13			1	BH09	2	8								X		3.9			
10:17			1	BH09	3	9								X		3.3			
10:21			1	BH09	4	10								X		3.5			
Additional Instructions:																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																			
Sampled by: C.I.																			
Relinquished by: (Signature)			Date	Time	Received by: (Signature)			Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.									
Michelle Gonzalez			9/5/25	1130	Michelle Gonzalez			9-5-25	1130										
Relinquished by: (Signature)			Date	Time	Received by: (Signature)			Date	Time										
Michelle Gonzalez			9-5-25	1500	Marissa Gonzalez			9-5-25	1500										
Relinquished by: (Signature)			Date	Time	Received by: (Signature)			Date	Time										
Marissa Gonzalez			9-5-25	2345	Noe Sat			9-8-25	0700										
Relinquished by: (Signature)			Date	Time	Received by: (Signature)			Date	Time	Lab Use Only									
Relinquished by: (Signature)			Date	Time	Received by: (Signature)			Date	Time	Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N									
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 14 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.																			



Chain of Custody

Client Information				Invoice Information				Lab Use Only				TAT				State							
Client: WPX Energy Permian, LLC.				Company: Devon Energy Production Co.				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX				
Project Name: Turkey Track 11 State #001				Address: 5315 Buena Vista Dr.				E509046		01058-0007						x							
Project Manager: Anna Byers				City, State, Zip: Carlsbad, NM, 88220				Analysis and Method								EPA Program							
Address: 13000 W County Rd 100				Phone: 575-885-7502												SDWA				CWA			
City, State, Zip: Odessa, TX, 79765				Email: jim.raley@dvn.com				Compliance				Y				or				N			
Phone: 432-305-6415				Miscellaneous: PN: 21977				PWSID #				Sample Temp				Remarks							
Email: NMTXGeoGroup@etechenv.com				IN: nMLB0520736007 EC: 1094698801																			
Sample Information																							
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	Sample Temp	Remarks						
10:50	9/4/25	Soil	1	BH10	0.5	11								X		3.6							
10:54			1	BH10	1	12								X		3.8							
10:58			1	BH10	2	13								X		3.9							
11:02			1	BH10	3	14								X		4.2							
11:06			1	BH10	4	15								X		4.1							
11:35			1	BH11	0.5	16								X		4.0							
11:39			1	BH11	1	17								X		4.4							
11:43			1	BH11	2	18								X		3.9							
11:47			1	BH11	3	19								X		4.2							
11:51			1	BH11	4	20								X		4.1							
Additional Instructions:																							
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																							
Sampled by: C.J.																							
Relinquished by: (Signature) <i>[Signature]</i>				Date 9/5/25		Time 1130		Received by: (Signature) <i>Michelle Gonzalez</i>				Date 9-5-25		Time 1130		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.							
Relinquished by: (Signature) <i>Michelle Gonzalez</i>				Date 9-5-25		Time 1500		Received by: (Signature) <i>Marissa Gonzalez</i>				Date 9-5-25		Time 1500									
Relinquished by: (Signature) <i>Marissa Gonzalez</i>				Date 9-5-25		Time 2345		Received by: (Signature) <i>Noe Soto</i>				Date 9-8-25		Time 0700									
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time									
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time		Lab Use Only							
Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N																							
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 14 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.																							

Chain of Custody



Client Information		Invoice Information		Lab Use Only				TAT			State				
Client: WPX Energy Permian, LLC.		Company: Devon Energy Production Co.		Lab WO#	Job Number			1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Turkey Track 11 State #001		Address: 5315 Buena Vista Dr.		E509046	01058-007						x	x			
Project Manager: Anna Byers		City, State, Zip: Carlsbad, NM, 88220													
Address: 13000 W County Rd 100		Phone: 575-885-7502													
City, State, Zip: Odessa, TX, 79765		Email: ijm.raley@dvn.com													
Phone: 432-305-6415		Miscellaneous: PN: 21977													
Email: NMTXGeoGroup@etechnv.com		IN: nMLB0520736007 ^{WO} CE: 1094698801													

Sample Information							Analysis and Method								EPA Program			Sample Temp	Remarks		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEA 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA			RCRA	
12:49	9/4/25	Soil	1	BH12	0.5	21								X						3.9	
12:53			1	BH12	1	22								X						3.9	
12:57			1	BH12	2	23								X						4.5	
13:01			1	BH12	3	24								X						4.3	
13:05			1	BH12	4	25								X						4.7	
13:29			1	BH13	0.5	26								X						4.9	
13:33			1	BH13	1	27								X						4.6	
13:37			1	BH13	2	28								X						4.7	
13:41			1	BH13	3	29								X						4.2	
13:45			1	BH13	4	30								X						4.3	

Additional Instructions:

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

Sampled by: C.I.		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a 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: <input checked="" type="radio"/> Y <input type="radio"/> N							
<i>[Signature]</i>	9/5/25	1130	Michelle Gonzalez	9-5-25	1130								
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time								
Michelle Gonzalez	9-5-25	1500	Marissa Gonzalez	9-5-25	1500								
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time								
Marissa Gonzalez	9-5-25	2345	Noe Soto	9-8-25	0700								
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time								
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time								

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 14 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.

Chain of Custody



Client Information				Invoice Information				Lab Use Only				TAT				State							
Client: WPX Energy Permian, LLC.				Company: Devon Energy Production Co.				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX				
Project Name: Turkey Track 11 State #001				Address: 5315 Buena Vista Dr.				E509046		01058-007					X	X							
Project Manager: Anna Byers				City, State, Zip: Carlsbad, NM, 88220												EPA Program							
Address: 13000 W County Rd 100				Phone: 575-885-7502												SDWA	CWA	RCRA					
City, State, Zip: Odessa, TX, 79765				Email: jim.raley@dvn.com												Compliance	Y	or	N				
Phone: 432-305-6415				Miscellaneous: PN: 21977												PWSID #							
Email: NMTXGeoGroup@etechnv.com				IN: nMLB0520736007 GC: 1094698801												Sample Temp	Remarks						
Sample Information																							
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOOC - NM	BGDOOC - TX	Sample Temp	Remarks						
13:59	9/4/25	Soil	1	BH14	0.5	31								A		3.8							
14:04			1	BH14	1	32								A		3.5							
14:09			1	BH14	2	33								A		3.6							
14:13			1	BH14	3	34								A		3.8							
14:17			1	BH14	4	35								A		3.9							
14:39			1	BH15	0.5	36								A		4.1							
14:43			1	BH15	1	37								X		4.4							
14:47			1	BH15	2	38								X		4.6							
14:51			1	BH15	3	39								X		4.1							
14:55			1	BH15	4	40								X		4.0							
Additional Instructions:																							
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																							
Sampled by: C.I.																							
Relinquished by: (Signature)			Date	Time	Received by: (Signature)			Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N													
Michelle Gonzalez			9-5-25	1130	Michelle Gonzalez			9-5-25	1130														
Relinquished by: (Signature)			Date	Time	Received by: (Signature)			Date	Time														
Marissa Gonzalez			9-5-25	1500	Marissa Gonzalez			9-5-25	1500														
Relinquished by: (Signature)			Date	Time	Received by: (Signature)			Date	Time														
Marissa Gonzalez			9-5-25	2345	Noe Sab			9-8-25	0700														
Relinquished by: (Signature)			Date	Time	Received by: (Signature)			Date	Time														
Relinquished by: (Signature)			Date	Time	Received by: (Signature)			Date	Time														
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																							
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																							
Note: Samples are discarded 14 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.																							



Chain of Custody

Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: WPX Energy Permian, LLC.				Company: Devon Energy Production Co.				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Turkey Track 11 State #001				Address: 5315 Buena Vista Dr.				E 509046		01058-007					X	X			
Project Manager: Anna Byers				City, State, Zip: Carlsbad, NM, 88220															
Address: 13000 W County Rd 100				Phone: 575-885-7502															
City, State, Zip: Odessa, TX, 79765				Email: jim.raley@dvn.com															
Phone: 432-305-6415				Miscellaneous: PN: 21977															
Email: NMTXGeoGroup@etechnv.com				IN: nMLB0520736007 ^{wo} _{cc} : 1094698801															
Sample Information										Analysis and Method				EPA Program					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
15:17	9/4/25	soil	1	BH16	0.5	41								X					
15:21			1	BH16	1	42								X					
15:25			1	BH16	2	43								X					
15:29			1	BH16	3	44								X					
15:33			1	BH16	4	45								X					
Additional Instructions:																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																			
Sampled by: C.I.																			
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.			
<i>[Signature]</i>				9/5/25		1130		<i>Michelle Gonzalez</i>				9-5-25		1130					
Michelle Gonzalez				9-5-25		1500		<i>Marissa Gonzalez</i>				9-5-25		1500					
Marissa Gonzalez				9-5-25		2345		<i>Max Sat</i>				9-8-25		0700					
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time		Lab Use Only			
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time		Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N			
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 14 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: 9/8/2025 9:58:38AM

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:	WPX Energy - Carlsbad	Date Received:	09/08/25 07:00	Work Order ID:	E509046
Phone:	(575) 200-6754	Date Logged In:	09/05/25 14:55	Logged In By:	Caitlin Mars
Email:	anna@etechnv.com	Due Date:	09/12/25 07:00 (4 day TAT)		

Chain of Custody (COC)

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

Carrier: Courier

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

- 13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

Sample Container

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

Field Label

- 20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? Yes

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.



Chain of Custody

Client Information				Invoice Information				Lab Use Only				TAT				State																																																												
Client: WPX Energy Permian, LLC.				Company: Devon Energy Production Co.				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX																																																									
Project Name: Turkey Track 11 State #001				Address: 5315 Buena Vista Dr.				E509046		01058-0007					X	X																																																												
Project Manager: Anna Byers				City, State, Zip: Carlsbad, NM, 88220				<table border="1"> <thead> <tr> <th colspan="10">Analysis and Method</th> <th colspan="3">EPA Program</th> </tr> <tr> <th>DRO/DRO by 8015</th> <th>GRO/DRO by 8015</th> <th>BTEX by 8021</th> <th>VOC by 8260</th> <th>Chloride 300.0</th> <th>TCEO 1005-TX</th> <th>RCRA 8 Metals</th> <th>BGDOC - NM</th> <th>BGDOC - TX</th> <th>SDWA</th> <th>CWA</th> <th>RCRA</th> <th>Compliance</th> <th>Y</th> <th>or</th> <th>N</th> </tr> </thead> <tbody> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </tbody> </table>								Analysis and Method										EPA Program			DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEO 1005-TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	Compliance	Y	or	N																																
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Address: 13000 W County Rd 100				Phone: 575-885-7502				Email: jim.raley@dvn.com				Miscellaneous: PN: 21977				IN: nMLB0520736007 ⁴²⁰ CE: 1094698801																																																												
City, State, Zip: Odessa, TX, 79765				Phone: 432-305-6415				Email: NMTXGeoGroup@etechnv.com																																																																				
Sample Information																																																																												
Time Sampled	Date Sampled	Matrix	No of Containers	Sample ID	Depth	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEO 1005-TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	Sample Temp	Remarks																																																											
9:15	9/4/25	Soil	1	BH08	0.5'	1								X		4.4	Client																																																											
9:19			1	BH08	1'	2								X		4.2	asked																																																											
9:23			1	BH08	2'	3								X		4.1	to rerun																																																											
9:27			1	BH08	3'	4								X		3.9	sample																																																											
9:31			1	BH08	4'	5								X		3.8	45 for																																																											
10:05			1	BH09	0.5'	6								X		4.0	CL.																																																											
10:09			1	BH09	1'	7								X		4.4	9/12/25																																																											
10:13			1	BH09	2'	8								X		3.9	AM																																																											
10:17			1	BH09	3'	9								X		3.3	Added ft per client																																																											
10:21			1	BH09	4'	10								X		3.5	for depths. NS 9-17-25																																																											
Additional Instructions:																																																																												
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Chain of Custody



Client Information				Invoice Information				Lab Use Only				TAT				State							
Client: WPX Energy Permian, LLC.				Company: Devon Energy Production Co.				Lab WO# E509046				Job Number 01038-0007				1D 2D 3D Std X							
Project Name: Turkey Track 11 State #001				Address: 5315 Buena Vista Dr.				City, State, Zip: Carlsbad, NM, 88220				Phone: 575-885-7502				NM CO UT TX X							
Project Manager: Anna Byers				Address: 13000 W County Rd 100				City, State, Zip: Odessa, TX, 79765				Phone: 432-305-6415											
Address: 13000 W County Rd 100				Phone: 575-885-7502				Email: iim.raley@dvn.com				Miscellaneous: PN: 21977											
City, State, Zip: Odessa, TX, 79765				Email: NMTXGeoGroup@etechnv.com				IN: nMLB0520736007				1094698801											
Phone: 432-305-6415																							
Email: NMTXGeoGroup@etechnv.com																							
Sample Information												Analysis and Method				EPA Program							
Time Sampled	Date Sampled	Matrix	No of Containers	Sample ID	Depth	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	CEC 1005 - TX	RCRA 8 Metals	8CDOC - NM	8CDOC - TX	SDWA	CWA	RCRA					
10:50	9/4/25	Soil	1	BH10	0.5'	11								X									
10:54			1	BH10	1'	12								X									
10:58			1	BH10	2'	13								X									
11:02			1	BH10	3'	14								X									
11:06			1	BH10	4'	15								X									
11:35			1	BH11	0.5'	16								X									
11:39			1	BH11	1'	17								X									
11:43			1	BH11	2'	18								X									
11:47			1	BH11	3'	19								X									
11:51			1	BH11	4'	20								X									
Additional Instructions:																							
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																							
Sampled by: C.J.																							
Relinquished by: (Signature) [Signature]				Date 9/5/25				Time 1130				Received by: (Signature) Michelle Gonzales				Date 9-5-25				Time 1130			
Relinquished by: (Signature) Michelle Gonzales				Date 9-5-25				Time 1500				Received by: (Signature) Marissa Gonzales				Date 9-5-25				Time 1500			
Relinquished by: (Signature) Marissa Gonzales				Date 9-5-25				Time 2345				Received by: (Signature) Noe Soto				Date 9-8-25				Time 0700			
Relinquished by: (Signature)				Date				Time				Received by: (Signature)				Date				Time			
Relinquished by: (Signature)				Date				Time				Received by: (Signature)				Date				Time			
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other												Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA											
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Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only
Received on ice: (Y) N



Chain of Custody

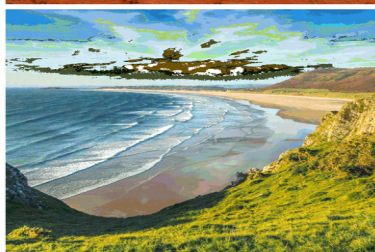
Client Information				Invoice Information				Lab Use Only				TAT				State				
Client: WPX Energy Permian, LLC				Company: Devon Energy Production Co.				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX	
Project Name: Turkey Track 11 State #001				Address: 5315 Buena Vista Dr.				E509946		0058-0007					x	x				
Project Manager: Anna Byers				City, State, Zip: Carlsbad, NM, 88220												EPA Program				
Address: 13000 W County Rd 100				Phone: 575-885-7502												SDWA	CWA	RCRA		
City, State, Zip: Odessa, TX, 79765				Email: jim.raley@dvn.com												Compliance	Y	or	N	
Phone: 432-305-6415				Miscellaneous: PN: 21977												PWSID #				
Email: NMTXGeoGroup@etechnv.com				IN: nMLB0520736007 ²³⁰ 1094698801												Sample Temp	Remarks			
Sample Information																				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	EGDOC - NM	EGDOC - TX	Sample Temp	Remarks			
12:49	9/4/25	Soil	1	BH12	0.5'	21								X		3.9	Client			
12:53			1	BH12	1'	22								X		3.9	asked to			
12:57			1	BH12	2'	23								X		4.5	rerun			
13:01			1	BH12	3'	24								X		4.3	Sample			
13:05			1	BH12	4'	25								X		4.7				
13:29			1	BH13	0.5'	26								X		4.9				
13:33			1	BH13	1'	27								X		4.6				
13:37			1	BH13	2'	28								X		4.7				
13:41			1	BH13	3'	29								X		4.2				
13:45			1	BH13	4'	30								X		4.3				
Additional Instructions:																				
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																				
Sampled by: C.I.																				
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.												
Michelle Gonzalez		9-5-25	1130	Michelle Gonzalez		9-5-25	1130													
Michelle Gonzalez		9-5-25	1500	Marissa Gonzalez		9-5-25	1500													
Marissa Gonzalez		9-5-25	2345	Noe Zabo		9-8-25	0700													
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N												
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																				
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Chain of Custody

Client Information				Invoice Information				Lab Use Only				TAT				State					
Client: WPX Energy Permian, LLC.				Company: Devon Energy Production Co.				Lab WO# ES00046				Job Number 1058-007				1D 2D 3D Std					
Project Name: Turkey Track 11 State #001				Address: 5315 Buena Vista Dr.												NM CO UT TX					
Project Manager: Anna Byers				City, State, Zip: Carlsbad, NM, 88220												x					
Address: 13000 W County Rd 100				Phone: 575-885-7502																	
City, State, Zip: Odessa, TX, 79765				Email: jim.raley@dvn.com																	
Phone: 432-305-6415				Miscellaneous: PN: 21977																	
Email: NMTXGeoGroup@etechnv.com				IN: nMLB0520736007 GC: 1094698801																	
Sample Information													EPA Program								
Time Sampled	Date Sampled	Matrix	No of Containers	Sample ID	Depth	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 3000	TCED 1005-TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA			
																Compliance	Y	or	N		
																PWSID #					
																Sample Temp			Remarks		
13:59	9/4/25	Soil	1	BH14	0.5'	31								A		3.8			Client		
14:04			1	BH14	1'	32								A		3.5			Asked to		
14:09			1	BH14	2'	33								A		3.6			nerun		
14:13			1	BH14	3'	34								A		3.8			Sample		
14:17			1	BH14	4'	35								A		3.9			#45 for		
14:39			1	BH15	0.5'	36								A		4.1			CL		
14:43			1	BH15	1'	37								X		4.4			9/4/25		
14:47			1	BH15	2'	38								X		4.6			CM		
14:51			1	BH15	3'	39								X		4.1					
14:55			1	BH15	4'	40								X		4.0					
Additional Instructions:																					
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																					
Sampled by: C. I.																					
Relinquished by: (Signature) <i>CLK</i>				Date: 9/5/25		Time: 1130		Received by: (Signature) <i>Michelle Gonzalez</i>				Date: 9-5-25		Time: 1130		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.					
Relinquished by: (Signature) <i>Michelle Gonzalez</i>				Date: 9-5-25		Time: 1500		Received by: (Signature) <i>Marissa Gonzalez</i>				Date: 9-5-25		Time: 1500							
Relinquished by: (Signature) <i>Marissa Gonzalez</i>				Date: 9-5-25		Time: 2345		Received by: (Signature) <i>Noe Sab</i>				Date: 9-8-25		Time: 0700							
Relinquished by: (Signature)				Date:		Time:		Received by: (Signature)				Date:		Time:							
Relinquished by: (Signature)				Date:		Time:		Received by: (Signature)				Date:		Time:							
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA					
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Report to:
Anna Byers



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

WPX Energy - Carlsbad

Project Name: Turkey Track 11 State #001

Work Order: E602119

Job Number: 01058-0007

Received: 2/10/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/16/26

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: 2/16/26



Anna Byers
5315 Buena Vista Dr
Carlsbad, NM 88220

Project Name: Turkey Track 11 State #001
Workorder: E602119
Date Received: 2/10/2026 6:15:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/10/2026 6:15:00AM, under the Project Name: Turkey Track 11 State #001.

The analytical test results summarized in this report with the Project Name: Turkey Track 11 State #001 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 02/16/26 16:25
--	---	------------------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH17 0.5'	E602119-01A	Soil	02/06/26	02/10/26	Glass Jar, 2 oz.
BH17 4'	E602119-02A	Soil	02/06/26	02/10/26	Glass Jar, 2 oz.
BH18 0.5'	E602119-03A	Soil	02/06/26	02/10/26	Glass Jar, 2 oz.
BH18 4'	E602119-04A	Soil	02/06/26	02/10/26	Glass Jar, 2 oz.
BH19 0.5'	E602119-05A	Soil	02/06/26	02/10/26	Glass Jar, 2 oz.
BH19 4'	E602119-06A	Soil	02/06/26	02/10/26	Glass Jar, 2 oz.
BH20 0.5'	E602119-07A	Soil	02/06/26	02/10/26	Glass Jar, 2 oz.
BH20 4'	E602119-08A	Soil	02/06/26	02/10/26	Glass Jar, 2 oz.



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 2/16/2026 4:25:20PM
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BH17 0.5'
E602119-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2607066
Benzene	ND	0.0250	1	02/11/26	02/13/26	
Ethylbenzene	ND	0.0250	1	02/11/26	02/13/26	
Toluene	ND	0.0250	1	02/11/26	02/13/26	
o-Xylene	ND	0.0250	1	02/11/26	02/13/26	
p,m-Xylene	ND	0.0500	1	02/11/26	02/13/26	
Total Xylenes	ND	0.0250	1	02/11/26	02/13/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		108 %	70-130	02/11/26	02/13/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2607066
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/26	02/13/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.1 %	70-130	02/11/26	02/13/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2607113
Diesel Range Organics (C10-C28)	ND	25.0	1	02/12/26	02/15/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/12/26	02/15/26	
<i>Surrogate: n-Nonane</i>						
		106 %	61-141	02/12/26	02/15/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2607084
Chloride	47.3	20.0	1	02/11/26	02/12/26	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 2/16/2026 4:25:20PM
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BH17 4'

E602119-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2607066
Benzene	ND	0.0250	1	02/11/26	02/13/26	
Ethylbenzene	ND	0.0250	1	02/11/26	02/13/26	
Toluene	ND	0.0250	1	02/11/26	02/13/26	
o-Xylene	ND	0.0250	1	02/11/26	02/13/26	
p,m-Xylene	ND	0.0500	1	02/11/26	02/13/26	
Total Xylenes	ND	0.0250	1	02/11/26	02/13/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		112 %	70-130	02/11/26	02/13/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2607066
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/26	02/13/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.4 %	70-130	02/11/26	02/13/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2607113
Diesel Range Organics (C10-C28)	ND	25.0	1	02/12/26	02/15/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/12/26	02/15/26	
<i>Surrogate: n-Nonane</i>		102 %	61-141	02/12/26	02/15/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2607084
Chloride	199	20.0	1	02/11/26	02/12/26	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 2/16/2026 4:25:20PM
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BH18 0.5'

E602119-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2607066
Benzene	ND	0.0250	1	02/11/26	02/13/26	
Ethylbenzene	ND	0.0250	1	02/11/26	02/13/26	
Toluene	ND	0.0250	1	02/11/26	02/13/26	
o-Xylene	ND	0.0250	1	02/11/26	02/13/26	
p,m-Xylene	ND	0.0500	1	02/11/26	02/13/26	
Total Xylenes	ND	0.0250	1	02/11/26	02/13/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %	70-130	02/11/26	02/13/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2607066
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/26	02/13/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.2 %	70-130	02/11/26	02/13/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2607113
Diesel Range Organics (C10-C28)	ND	25.0	1	02/12/26	02/15/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/12/26	02/15/26	
<i>Surrogate: n-Nonane</i>		99.8 %	61-141	02/12/26	02/15/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2607084
Chloride	ND	20.0	1	02/11/26	02/12/26	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 2/16/2026 4:25:20PM
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BH18 4'

E602119-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2607066
Benzene	ND	0.0250	1	02/11/26	02/13/26	
Ethylbenzene	ND	0.0250	1	02/11/26	02/13/26	
Toluene	ND	0.0250	1	02/11/26	02/13/26	
o-Xylene	ND	0.0250	1	02/11/26	02/13/26	
p,m-Xylene	ND	0.0500	1	02/11/26	02/13/26	
Total Xylenes	ND	0.0250	1	02/11/26	02/13/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.5 %	70-130	02/11/26	02/13/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2607066
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/26	02/13/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.9 %	70-130	02/11/26	02/13/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2607113
Diesel Range Organics (C10-C28)	ND	25.0	1	02/12/26	02/15/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/12/26	02/15/26	
<i>Surrogate: n-Nonane</i>		104 %	61-141	02/12/26	02/15/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2607084
Chloride	476	20.0	1	02/11/26	02/12/26	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 2/16/2026 4:25:20PM
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BH19 0.5'

E602119-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2607066
Benzene	ND	0.0250	1	02/11/26	02/13/26	
Ethylbenzene	ND	0.0250	1	02/11/26	02/13/26	
Toluene	ND	0.0250	1	02/11/26	02/13/26	
o-Xylene	ND	0.0250	1	02/11/26	02/13/26	
p,m-Xylene	ND	0.0500	1	02/11/26	02/13/26	
Total Xylenes	ND	0.0250	1	02/11/26	02/13/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	02/11/26	02/13/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2607066
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/26	02/13/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.2 %	70-130	02/11/26	02/13/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2607113
Diesel Range Organics (C10-C28)	ND	25.0	1	02/12/26	02/15/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/12/26	02/15/26	
<i>Surrogate: n-Nonane</i>						
		107 %	61-141	02/12/26	02/15/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2607084
Chloride	532	20.0	1	02/11/26	02/12/26	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 2/16/2026 4:25:20PM
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BH19 4'

E602119-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2607066
Benzene	ND	0.0250	1	02/11/26	02/13/26	
Ethylbenzene	ND	0.0250	1	02/11/26	02/13/26	
Toluene	ND	0.0250	1	02/11/26	02/13/26	
o-Xylene	ND	0.0250	1	02/11/26	02/13/26	
p,m-Xylene	ND	0.0500	1	02/11/26	02/13/26	
Total Xylenes	ND	0.0250	1	02/11/26	02/13/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	02/11/26	02/13/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2607066
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/26	02/13/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.4 %	70-130	02/11/26	02/13/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2607113
Diesel Range Organics (C10-C28)	ND	25.0	1	02/12/26	02/15/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/12/26	02/15/26	
<i>Surrogate: n-Nonane</i>		99.9 %	61-141	02/12/26	02/15/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2607084
Chloride	188	20.0	1	02/11/26	02/12/26	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 2/16/2026 4:25:20PM
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BH20 0.5'

E602119-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2607066
Benzene	ND	0.0250	1	02/11/26	02/13/26	
Ethylbenzene	ND	0.0250	1	02/11/26	02/13/26	
Toluene	ND	0.0250	1	02/11/26	02/13/26	
o-Xylene	ND	0.0250	1	02/11/26	02/13/26	
p,m-Xylene	ND	0.0500	1	02/11/26	02/13/26	
Total Xylenes	ND	0.0250	1	02/11/26	02/13/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	02/11/26	02/13/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2607066
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/26	02/13/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.7 %	70-130	02/11/26	02/13/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2607113
Diesel Range Organics (C10-C28)	ND	25.0	1	02/12/26	02/15/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/12/26	02/15/26	
<i>Surrogate: n-Nonane</i>		102 %	61-141	02/12/26	02/15/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2607084
Chloride	516	20.0	1	02/11/26	02/12/26	



Sample Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 2/16/2026 4:25:20PM
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BH20 4'
E602119-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2607066
Benzene	ND	0.0250	1	02/11/26	02/13/26	
Ethylbenzene	ND	0.0250	1	02/11/26	02/13/26	
Toluene	ND	0.0250	1	02/11/26	02/13/26	
o-Xylene	ND	0.0250	1	02/11/26	02/13/26	
p,m-Xylene	ND	0.0500	1	02/11/26	02/13/26	
Total Xylenes	ND	0.0250	1	02/11/26	02/13/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	02/11/26	02/13/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2607066
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/26	02/13/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.0 %	70-130	02/11/26	02/13/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2607113
Diesel Range Organics (C10-C28)	ND	25.0	1	02/12/26	02/15/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/12/26	02/15/26	
<i>Surrogate: n-Nonane</i>		102 %	61-141	02/12/26	02/15/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2607084
Chloride	129	20.0	1	02/11/26	02/11/26	



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 2/16/2026 4:25:20PM
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Volatile Organics by EPA 8021B

Analyst: SL

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 (2607066-BLK1)

Prepared: 02/11/26 Analyzed: 02/13/26

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	8.21		8.00		103	70-130			

LCS (2607066-BS1)

Prepared: 02/11/26 Analyzed: 02/13/26

Benzene	4.43	0.0250	5.00		88.7	70-130			
Ethylbenzene	4.81	0.0250	5.00		96.3	70-130			
Toluene	4.76	0.0250	5.00		95.2	70-130			
o-Xylene	4.92	0.0250	5.00		98.3	70-130			
p,m-Xylene	9.83	0.0500	10.0		98.3	70-130			
Total Xylenes	14.7	0.0250	15.0		98.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.21		8.00		103	70-130			

Matrix Spike (2607066-MS1)

Source: E602119-03

Prepared: 02/11/26 Analyzed: 02/13/26

Benzene	4.06	0.0250	5.00	ND	81.3	70-130			
Ethylbenzene	4.41	0.0250	5.00	ND	88.2	70-130			
Toluene	4.36	0.0250	5.00	ND	87.1	70-130			
o-Xylene	4.50	0.0250	5.00	ND	90.1	70-130			
p,m-Xylene	9.03	0.0500	10.0	ND	90.3	70-130			
Total Xylenes	13.5	0.0250	15.0	ND	90.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.98		8.00		99.7	70-130			

Matrix Spike Dup (2607066-MSD1)

Source: E602119-03

Prepared: 02/11/26 Analyzed: 02/13/26

Benzene	4.47	0.0250	5.00	ND	89.4	70-130	9.56	27	
Ethylbenzene	4.88	0.0250	5.00	ND	97.5	70-130	10.0	26	
Toluene	4.80	0.0250	5.00	ND	96.1	70-130	9.76	20	
o-Xylene	4.98	0.0250	5.00	ND	99.6	70-130	10.1	25	
p,m-Xylene	9.97	0.0500	10.0	ND	99.7	70-130	9.90	23	
Total Xylenes	15.0	0.0250	15.0	ND	99.7	70-130	9.95	26	
Surrogate: 4-Bromochlorobenzene-PID	8.19		8.00		102	70-130			



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 2/16/2026 4:25:20PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

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 (2607066-BLK1)

Prepared: 02/11/26 Analyzed: 02/13/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.42		8.00		92.7	70-130			

LCS (2607066-BS2)

Prepared: 02/11/26 Analyzed: 02/13/26

Gasoline Range Organics (C6-C10)	51.8	20.0	50.0		104	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.45		8.00		93.2	70-130			

Matrix Spike (2607066-MS2)

Source: E602119-03

Prepared: 02/11/26 Analyzed: 02/13/26

Gasoline Range Organics (C6-C10)	53.7	20.0	50.0	ND	107	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.40		8.00		92.5	70-130			

Matrix Spike Dup (2607066-MSD2)

Source: E602119-03

Prepared: 02/11/26 Analyzed: 02/13/26

Gasoline Range Organics (C6-C10)	52.4	20.0	50.0	ND	105	70-130	2.36	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.42		8.00		92.8	70-130			



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 2/16/2026 4:25:20PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

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 (2607113-BLK1)

Prepared: 02/12/26 Analyzed: 02/15/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	54.2		50.0		108	61-141			

LCS (2607113-BS1)

Prepared: 02/12/26 Analyzed: 02/15/26

Diesel Range Organics (C10-C28)	255	25.0	250		102	66-144			
Surrogate: <i>n</i> -Nonane	50.6		50.0		101	61-141			

Matrix Spike (2607113-MS1)

Source: E602126-06

Prepared: 02/12/26 Analyzed: 02/15/26

Diesel Range Organics (C10-C28)	268	25.0	250	ND	107	56-156			
Surrogate: <i>n</i> -Nonane	53.3		50.0		107	61-141			

Matrix Spike Dup (2607113-MSD1)

Source: E602126-06

Prepared: 02/12/26 Analyzed: 02/15/26

Diesel Range Organics (C10-C28)	248	25.0	250	ND	99.1	56-156	7.65	20	
Surrogate: <i>n</i> -Nonane	49.8		50.0		99.5	61-141			



QC Summary Data

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Turkey Track 11 State #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 2/16/2026 4:25:20PM
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Anions by EPA 300.0/9056A

Analyst: TP

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 (2607084-BLK1)

Prepared: 02/11/26 Analyzed: 02/11/26

Chloride ND 20.0

LCS (2607084-BS1)

Prepared: 02/11/26 Analyzed: 02/11/26

Chloride 246 20.0 250 98.5 90-110

Matrix Spike (2607084-MS1)

Source: E602119-08

Prepared: 02/11/26 Analyzed: 02/11/26

Chloride 369 20.0 250 129 96.1 80-120

Matrix Spike Dup (2607084-MSD1)

Source: E602119-08

Prepared: 02/11/26 Analyzed: 02/12/26

Chloride 361 20.0 250 129 93.0 80-120 2.14 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

WPX Energy - Carlsbad	Project Name:	Turkey Track 11 State #001	
5315 Buena Vista Dr	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Anna Byers	02/16/26 16:25

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.



Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: WPX Energy Permian, LLC				Company: Devon Energy Production Co.				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project: Turkey Track 11 State #001				Address: 5315 Buena Vista Dr.				E602119		01058-0007						X			
Project Manager: Anna Byers				City, State, Zip: Carlsbad, NM, 88220															
Address: 13000 W County Rd 100				Phone: 575-885-7502															
City, State, Zip: Odessa, TX, 79765				Email: jim.raley@dvn.com															
Phone: 432-305-6415				Miscellaneous: WO: 1094698801; PN: 21977;															
Email: geo@etechnv.com				IN: nMLB0520736007															

Sample Information							Analysis and Method										EPA Program		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005-TX	RCRA 8 Metals	BGDOC-NM	BGDOC-TX	SDWA	CWA	RCRA	
9:23	2/6/26	S	1	BH17	0.5'	1								X					
9:38	2/6/26	S	1	BH17	4'	2								X					
10:42	2/6/26	S	1	BH18	0.5'	3								X					
11:07	2/6/26	S	1	BH18	4'	4								X					
12:49	2/6/26	S	1	BH19	0.5'	5								X					
13:08	2/6/26	S	1	BH19	4'	6								X					
13:37	2/6/26	S	1	BH20	0.5'	7								X					
13:43	2/6/26	S	1	BH20	4'	8								X					

Additional Instructions:

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

Sampled by: Savana Anderson

Relinquished by: (Signature) <i>Savanna Anderson</i>	Date 2/9/2026	Time 12:50	Received by: (Signature) <i>Michelle Gonzales</i>	Date 2-9-26	Time 1250	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.
Relinquished by: (Signature) <i>Marissa Gonzales</i>	Date 2-9-26	Time 1545	Received by: (Signature) <i>Marissa Gonzales</i>	Date 2-9-26	Time 1545	
Relinquished by: (Signature) <i>Michelle Gonzales</i>	Date 2-9-26	Time 1940	Received by: (Signature) <i>Johnny Archuleta</i>	Date 2-9-26	Time 1940	
Relinquished by: (Signature) <i>Johnny Archuleta</i>	Date 2-9-26	Time 2330	Received by: (Signature) <i>Noe Seo</i>	Date 2-10-26	Time 0615	

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 14 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: 2/10/2026 8:57:07AM

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: WPX Energy - Carlsbad	Date Received: 02/10/26 06:15	Work Order ID: E602119
Phone: (575) 200-6754	Date Logged In: 02/09/26 16:01	Logged In By: Caitlin Mars
Email: anna@etechnv.com	Due Date: 02/16/26 17:00 (4 day TAT)	

Chain of Custody (COC)

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

Carrier: Courier

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

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? Yes

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

- 13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

Sample Container

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

Field Label

- 20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? Yes

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

Comments/Resolution

L-NS
R-NV

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

Date



envirotech Inc.

| Appendix J

P.O. Box 62228 Midland TX 79711 Tel: 432-563-2200 Fax: 432-563-2213

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 477056

QUESTIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 477056
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nMLB0520736007
Incident Name	NMLB0520736007 TURKEY TRACK 11 STATE #001 @ 30-015-32120
Incident Type	Complaint
Incident Status	Initial C-141 Approved
Incident Well	[30-015-32120] TURKEY TRACK 11 STATE #001

Location of Release Source	
Site Name	TURKEY TRACK 11 STATE #001
Date Release Discovered	07/26/2005
Surface Owner	State

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	48,825
What is the estimated number of samples that will be gathered	20
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/26/2025
Time sampling will commence	07:00 AM
Please provide any information necessary for observers to contact samplers	Please contact Erick Herrera at 432-305-6416 with any questions
Please provide any information necessary for navigation to sampling site	From the intersection of Curry Comb Rd and Lindy Rd, head north on Lindly Rd for 0.2 miles, the destination will be on your left.

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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

CONDITIONS

Action 477056

CONDITIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 477056
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraley	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.	6/19/2025
jraley	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	6/19/2025

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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 500504

QUESTIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 500504
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nMLB0520736007
Incident Name	NMLB0520736007 TURKEY TRACK 11 STATE #001 @ 30-015-32120
Incident Type	Complaint
Incident Status	Initial C-141 Approved
Incident Well	[30-015-32120] TURKEY TRACK 11 STATE #001

Location of Release Source	
Site Name	TURKEY TRACK 11 STATE #001
Date Release Discovered	07/26/2005
Surface Owner	State

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	48,825
What is the estimated number of samples that will be gathered	36
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/03/2025
Time sampling will commence	07:00 AM
Please provide any information necessary for observers to contact samplers	Please contact Erick Herrera at 432-305-6416 with any questions
Please provide any information necessary for navigation to sampling site	From the intersection of Curry Comb Rd and Lindy Rd, head north on Lindly Rd for 0.2 miles, the destination will be on your left. (32.680720000005,-104.149689).

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 500504

CONDITIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 500504
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraley	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.	8/28/2025
jraley	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	8/28/2025

Sante Fe Main Office
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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 500505

QUESTIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 500505
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nMLB0520736007
Incident Name	NMLB0520736007 TURKEY TRACK 11 STATE #001 @ 30-015-32120
Incident Type	Complaint
Incident Status	Initial C-141 Approved
Incident Well	[30-015-32120] TURKEY TRACK 11 STATE #001

Location of Release Source	
Site Name	TURKEY TRACK 11 STATE #001
Date Release Discovered	07/26/2005
Surface Owner	State

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	48,825
What is the estimated number of samples that will be gathered	36
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/04/2025
Time sampling will commence	07:00 AM
Please provide any information necessary for observers to contact samplers	Please contact Erick Herrera at 432-305-6416 with any questions
Please provide any information necessary for navigation to sampling site	From the intersection of Curry Comb Rd and Lindy Rd, head north on Lindly Rd for 0.2 miles, the destination will be on your left. (32.680720000005,-104.149689).

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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**

CONDITIONS

Action 500505

CONDITIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 500505
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraley	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.	8/28/2025
jraley	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	8/28/2025

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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 550004

QUESTIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 550004
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nMLB0520736007
Incident Name	NMLB0520736007 TURKEY TRACK 11 STATE #001 @ 30-015-32120
Incident Type	Complaint
Incident Status	Initial C-141 Approved
Incident Well	[30-015-32120] TURKEY TRACK 11 STATE #001

Location of Release Source	
Site Name	TURKEY TRACK 11 STATE #001
Date Release Discovered	07/26/2005
Surface Owner	State

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	48,825
What is the estimated number of samples that will be gathered	16
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/06/2026
Time sampling will commence	07:00 AM
Please provide any information necessary for observers to contact samplers	Please contact Erick Herrera at 432-305-6416 with any questions
Please provide any information necessary for navigation to sampling site	From the intersection of Curry Comb Rd and Lindy Rd, head north on Lindly Rd for 0.2 miles, the destination will be on your left. (32.680720000005,-104.149689).

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

General Information
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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

CONDITIONS

Action 550004

CONDITIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 550004
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraley	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.	2/3/2026
jraley	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	2/3/2026

Erick Herrera

From: Knight, Tami C. <tknight@nmslo.gov>
Sent: Monday, June 16, 2025 12:43 PM
To: Erick Herrera
Cc: Raley, Jim; NM TX Geo Group; Bisbey-Kuehn, Elizabeth A.; Griffin, Becky R.; David, Deon W.; Heltman, Elaine G.; Biernoff, Ari
Subject: RE: WPX Delineation Remediation Work Plan - Turkey Track 11 State #001 nMLB0520736007 (30-15-32120) - approved with comments

Erick

ECO has reviewed the revised site assessment/remediation workplan and has approved the plan with the following comments:

1. ECO strongly recommends that the workplan be submitted to OCD as a remediation plan. Based on similar projects ECO has with OCD, they likely need to approve the remediation plan and receive confirmation sampling notifications in order for the site assessment samples to be considered as confirmation samples.
2. ECO did not see that this site is in proximity to sensitive plant species, so thank you for your diligence and for going the extra mile to get the area cleared anyway.
3. The workplan stated that the reclamation of the subject well was approved in 2017, but it does not state who approved the reclamation. ECO sees that OCD released the plugged site in 2017, this should not be confused with reclamation approval from the landowner, NMSLO. To get a reclamation released from NMSLO you need to submit a Final Reclamation Report that includes a vegetation survey conducted by a biologist/botanist/rangeland specialist, that confirms vegetation greater than 70% of natural plant density and does not contain noxious and invasive weeds.

Please submit the remediation workplan and/or remediation closure report to eco@nmslo.gov.

Thank you



Tami Knight, CHMM
Environmental Specialist
Environmental Compliance Office
 505.670 1638
 New Mexico State Land Office
 tknight@nmslo.gov
nmstatelands.org



NMSLO is closed June 19.

.....
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From: Erick Herrera <erick@etechenv.com>
Sent: Monday, June 16, 2025 6:58 AM
To: SLO Spills <spills@nmslo.gov>
Cc: Raley, Jim <jim.rale@dm.com>; NM TX Geo Group <NMTXGeoGroup@etechenv.com>
Subject: [EXTERNAL] FW: WPX Delineation Remediation Work Plan - Turkey Track 11 State #001 nMLB0520736007

Good morning Eco,

Please find below the complete email originally submitted to the previous email address, now resubmitted to the updated email for your review:

If any additional information is needed, please feel free to reach out.

Thank you,



Erick Herrera
Lead Project Geologist/GIS Manager
Etech Environmental & Safety Solutions, Inc.
W: (432) 305-6416
C: (281) 777-4152

From: Erick Herrera
Sent: Thursday, June 12, 2025 4:36 PM
To: eco@slo.state.nm.us
Cc: NM TX Geo Group ; Jim.Raley@dm.com
Subject: WPX Delineation Remediation Work Plan - Turkey Track 11 State #001 nMLB0520736007

Good afternoon Eco,

On behalf of WPX Energy Permian, LLC (WPX), attached you will find a revised Delineation Soil Sampling Plan (DSP) for the Turkey Track 11 State #001 (Site) that includes updated ROE, biological, and cultural applicability statements for approval. Please note that the detailed report for the biological survey conducted at the Site has not been included in the report; however, we can provide it upon request. Should you require the full biological survey report, or any additional information please do not hesitate to let us know.

Thanks,



Erick Herrera
Lead Project Geologist/GIS Manager
Etech Environmental & Safety Solutions, Inc.
W: (432) 305-6416
C: (281) 777-4152

From: Erick Herrera
Sent: Thursday, June 12, 2025 4:15 PM
To: 'Knight, Tami C.' <tknight@nmslo.gov>; Anna Byers <anna@etechenv.com>
Cc: NM TX Geo Group <NMTXGeoGroup@etechenv.com>; Jim.Raley@dvn.com; Bisbey-Kuehn, Elizabeth A. <ebisbeykuehn@nmslo.gov>
Subject: RE: WPX Delineation Remediation Work Plan - Turkey Track 11 State #001 nMLB0520736007 - Not Approved

Good afternoon Eco,

On behalf of WPX Energy Permian, LLC (WPX), attached you will find a revised Delineation Soil Sampling Plan (DSP) for the Turkey Track 11 State #001 (Site) that includes updated ROE, biological, and cultural applicability statements for approval. Please note that the detailed report for the biological survey conducted at the Site has not been included in the report; however, we can provide it upon request. Should you require the full biological survey report, or any additional information please do not hesitate to let us know.

Thanks,



Erick Herrera
Lead Project Geologist/GIS Manager
Etech Environmental & Safety Solutions, Inc.
W: (432) 305-6416
C: (281) 777-4152

From: Knight, Tami C. <tknight@nmslo.gov>
Sent: Tuesday, March 25, 2025 9:59 AM
To: Anna Byers <anna@etechenv.com>
Cc: NM TX Geo Group <NMTXGeoGroup@etechenv.com>; Jim.Raley@dvn.com; Bisbey-Kuehn, Elizabeth A. <ebisbeykuehn@nmslo.gov>
Subject: RE: WPX Delineation Remediation Work Plan - Turkey Track 11 State #001 nMLB0520736007 - Not Approved

Anna

ECO agrees with the approach regarding assessment of the spill area to determine if contaminants of concern remain along the access road. 2-day sampling notifications will have to be submitted to OCD and ECO in order for the samples to be considered "closure" samples. I noticed that you emailed OCD this workplan. OCD will not review workplans that are emailed to them. Workplans have to be uploaded into the portal. You may want to revisit this submittal to OCD since you are seeking their approval regarding the assessment samples as closure samples too.

The workplan must be revised and resubmitted to ECO due to the following paragraph, the workplan is considered incomplete for NMSLO.

Due to the release location, a Right-of-Entry (ROE) Permit to access or disturb soil on the reclaimed pad, access road, and pasture soils on either side of CR 245 will be required. WPX will submit the ROE in preparation for remediation activities prior to accessing any previously undisturbed areas. The ROE area will be reviewed by approved vendors for cultural sites and biological receptors and complete the respective surveys, if necessary.

Regarding the ROE statement that a ROE is required because some of the work is being conducted on a reclaimed pad etc. This is not a correct interpretation for ROE. This site is on an active O&G lease X0-0648-0156 (Mewbourne). If Devon

(WPX) still has active well sites within this lease boundary, a ROE is not required. This lease is 1,121 acres. If Devon (WPX) is no longer an authorized operators of well sites within this lease, then a ROE for Remediation from Commercial Resources Division is required.

The last sentence of the paragraph in question does not satisfy the need for cultural and biological compliance statements. Please revise the workplan to include the correct information regarding compliance with the Cultural Properties Protection Rule and conducting a biological desktop review for compliance with working in biologically sensitive areas or not. I recommend you refer to previous Etech workplans that have successfully included the detailed information required.

Please submit a revised workplan to eco@nmslo.gov. Workplans and reports submitted to individual staff emails will not be accepted.

Thank you



Tami C. Knight, CHMM
Environmental Specialist
 NMSLO Environmental Compliance Office
 505.670-1638
tknight@nmslo.gov



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From: Anna Byers <anna@etechnv.com>

Sent: Wednesday, March 19, 2025 1:32 PM

To: SLO Spills <spills@nmslo.gov>; OCD.Enviro@emnrd.nm.gov; Knight, Tami C. <tknight@nmslo.gov>

Cc: NM TX Geo Group <NMTXGeoGroup@etechnv.com>; Jim.Raley@dvn.com

Subject: [EXTERNAL] (WPX Energy Permian, LLC) Delineation Remediation Work Plan - Turkey Track 11 State #001 Incident Number nMLB0520736007

To whom it may concern:

On July 26, 2005, while the Turkey Track 11 State #001 (Site) was under Dominion Oklahoma Texas Exploration & Production, Inc. (Dominion) operation, it was reported via phone call that a JWS water truck was dumping fluids on CR 245. Records indicated that "the truck had left his well and opened a dump valve on location. Fluid was dumped to CR 235". A Dominion representative was contacted following the reporting of the illegal dumping event, who indicated that "the truck had brought out a load of fresh water to load the well bore to put [the] well back on production. [The] pump jack motor was being worked on at the time of this inspection". An unknown volume of fluids was released, and no fluids were reported to be recovered. Upon notification, the New Mexico Oil Conservation Division (NMOCD) assigned Incident Number nMLB0520736007 to the illegal dumping event. Given the lack of details of the illegal dumping event, WPX assumed a full transport water truck load (approximately 120 barrels (bbls)) was released on Site and up to CR 235,

hereafter referred to as the Area of Concern (AOC) and reported the release to the NMOCD on a Corrective Action Form C-141 (Form C-141), which was received by the NMOCD on March 13, 2025.

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of WPX Energy Permian, LLC (WPX), presents the following Remediation Work Plan (RWP) detailing a delineation scope of work to investigate the extent of soil impacts from the illegal dumping of fluids at the Site. Based on the incident review and field observations at the Site, WPX proposes this RWP, which details remediation objectives to help develop a corrective action plan and rectify any identified environmental impacts.

At this time, Etech is currently scheduling cultural and biological surveys at the Site in order to fulfill Right of Entry (ROE) permitting requirements. Once the surveys have been completed and land access has been granted, WPX will schedule delineation activities at the Site.

Please do not hesitate to contact Etech with any questions concerning ongoing remediation efforts.

Thank you,



Anna Byers
Senior Geologist
Etech Environmental & Safety Solutions, Inc.
C: (432) 305-6415

Erick Herrera

From: Jillian Smiley <JSmiley@ntglobal.com>
Sent: Friday, March 21, 2025 11:58 AM
To: Santos Rivera
Cc: NM TX Geo Group
Subject: RE: Turkey Track 11 State #001 Survey
Attachments: Survey Report - Turkey Track.pdf

Attached is the biological assessment report for the Turkey Track. Please let me know if you have any questions!

Jillian Smiley

Jr. Project Manager - Botanist | **NTG Environmental**
M: (575)-988-5655 P: (903)-747-5570 | jsmiley@ntglobal.com
[209 West McKay St. Carlsbad NM, 88220](https://www.ntgenv.com)



From: Santos Rivera <santos@etechenv.com>
Sent: Wednesday, March 19, 2025 9:56 AM
To: Jillian Smiley <JSmiley@ntglobal.com>
Cc: NM TX Geo Group <NMTXGeoGroup@etechenv.com>
Subject: Re: Turkey Track 11 State #001 Survey

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Sounds good and good luck on your future endeavors.



Santos Rivera
Project Assistant
Etech Environmental & Safety Solutions, Inc.
C: +1 (432) 313-1566

From: Jillian Smiley <JSmiley@ntglobal.com>
Sent: Wednesday, March 19, 2025 9:51 AM
To: Santos Rivera <santos@etechenv.com>
Cc: NM TX Geo Group <NMTXGeoGroup@etechenv.com>; Raley, Jim <Jim.Raley@dvn.com>
Subject: RE: Turkey Track 11 State #001 Survey

We will be conducting the survey tomorrow morning!

~Please note that my last day with NTGE will be March 28, 2025, this will be my last survey for NTGE. Please send all future projects/correspondence to Ethan Sessums after that date

Thank you!

Jillian Smiley

Jr. Project Manager - Botanist | **NTG Environmental**

M: (575)-988-5655 P: (903)-747-5570 jismiley@ntglobal.com

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Oil Conservation Division
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QUESTIONS

Action 591501

QUESTIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 591501
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nMLB0520736007
Incident Name	NMLB0520736007 TURKEY TRACK 11 STATE #001 @ 30-015-32120
Incident Type	Complaint
Incident Status	Remediation Plan Received
Incident Well	[30-015-32120] TURKEY TRACK 11 STATE #001

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	TURKEY TRACK 11 STATE #001
Date Release Discovered	07/26/2005
Surface Owner	State

Incident Details	
<i>Please answer all the questions in this group.</i>	
Incident Type	Complaint
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	
<i>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.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Not answered.
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	Cause: Vandalism Other (Specify) Other (Specify) Released: 120 BBL Recovered: 0 BBL Lost: 120 BBL.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Illegal dump of fresh water from transport water truck.

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QUESTIONS, Page 2

Action 591501

QUESTIONS (continued)

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 591501
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dnv.com Date: 06/03/2026
--	--

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QUESTIONS, Page 3

Action 591501

QUESTIONS (continued)

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 591501
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1000 (ft.) and ½ (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between ½ and 1 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1000 (ft.) and ½ (mi.)
A subsurface mine	Greater than 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	Yes

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)	786
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

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	08/03/2026
On what date will (or did) the final sampling or liner inspection occur	02/06/2026
On what date will (or was) the remediation complete(d)	08/03/2026
What is the estimated surface area (in square feet) that will be reclaimed	200
What is the estimated volume (in cubic yards) that will be reclaimed	37
What is the estimated surface area (in square feet) that will be remediated	200
What is the estimated volume (in cubic yards) that will be remediated	37

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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QUESTIONS, Page 4

Action 591501

QUESTIONS (continued)

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 591501
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)

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.

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	Not answered.
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Yes
In which state is the disposal taking place	Texas
What is the name of the out-of-state facility	R360 (Red Bluff)
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

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 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: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 06/03/2026
--	--

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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QUESTIONS, Page 5

Action 591501

QUESTIONS (continued)

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 591501
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Deferral Requests Only	
<i>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.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 591501

QUESTIONS (continued)

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 591501
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	550004
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/06/2026
What was the (estimated) number of samples that were to be gathered	16
What was the sampling surface area in square feet	48825

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	No
--	-----------

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CONDITIONS

Action 591501

CONDITIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 591501
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	The Remediation Plan is Conditionally Approved. The variance request to use delineation samples as confirmation samples is denied. Due to the sensitive nature of the release location and the close proximity to the watercourse/riverine, the site will need to be remediated to the strictest closure criteria from Table 1 of the OCD Spill Rule. If any part of the release area is located within 300 ft of a watercourse/riverine, the entire release will need to be remediated to the strictest closure criteria from Table 1 of the OCD Spill Rule. Please collect confirmation closure samples, representing no more than 200 ft ² . All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Please make sure that the edge of the release extent is accurately defined. Sidewall samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. All off pad areas must meet reclamation standards in the OCD Spill Rule.	6/9/2026
rhamlet	CP-02012-POD-1 doesn't meet the groundwater determination requirements set forth in the "Procedures for Implementation of the Spill Rule (19.15.29 NMAC)" document (September 6, 2019) that was put on the OCD website. The well is not within the 1/2 mile radius of the release area. "When nearby wells are used to determine depth to groundwater, the wells should be no further than 1/2 mile away from the site, and data should be no more than 25 years old, and well construction information should be provided. If evidence of depth to ground water within a 1/2 mile radius of the site cannot be provided, impacted soils will need to meet Table 1 Closure Criteria for ground water at a depth of 50 feet or less. If you feel the depth to groundwater is >50', a shallow borehole can be drilled to 51' allowing for verification of the depth. If water is not visible after reaching bottom-hole and waiting 72 hours, the boring can be used for depth to groundwater determination."	6/9/2026