



SITE CHARACTERIZATION AND REMEDIATION PLAN

Prepared For:

Crownquest Operating, LLC

18 Desta Dr.

Midland, TX 79705

Site Information:

AN AT BG Battery

Incident Number NTO1418937492

Unit N, Section 22, Township 14 South, Range 33 East

Lea County, New Mexico

(33.086487°, -103.602370°)

Carlsbad • Houston • Midland • San Antonio • Lubbock • Hobbs • Lafayette



SYNOPSIS

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Crownquest Operating, LLC (Crownquest), presents the following Site Characterization and Remediation Plan (SCRP) detailing site assessment and delineation soil sampling activities associated with inadvertent release of produced water at the AN AT BG Battery (Site). Based on laboratory analytical results from soil sampling activities at the Site, Crownquest has prepared this SCR, which summarizes initial response efforts and details remediation objectives to rectify environmental impacts.

SITE LOCATION AND RELEASE BACKGROUND

Per the Release Notification and Corrective Action Form C-141 (Form C-141), the Site was initially recorded to be located in Unit O, Section 22, Township 14 South, Range 33 East, in Lea County, New Mexico (33.0846596°, -103.6001587°) and associated with oil and gas exploration and production operations on State Land (**Figure 1** in **Appendix A**). Upon further incident review, the Site where the release occurred is located at 33.086487°, -103.602370°.

On May 24, 2014, lightning struck the facility, ignited the surrounding fumes and proceeded to burn the tanks resulting in a release of 230 barrels (bbls) of oil and produced water within the berm. Vacuum trucks were immediately dispatched, and they were able to recover 116 bbls of oil and 114 bbls of produced water. The notice was given to the New Mexico Oil Conservation Division (NMOCD) and the New Mexico State Land Office (NMSLO) via phone and email. Crownquest reported the release to the NMOCD on a Form C-141, which was received by the NMOCD on July 9, 2014, and was assigned Incident Number [NTO1418937492](#). The Area of Concern (AOC) is presented in **Figure 2** in **Appendix A**.

Etech contracted Lone Mountain Archaeological Services, Inc. to conduct a cultural survey of the requested disturbance area, as required in the Cultural Properties Protection Rule, and submitted the Right of Entry (ROE) permit in preparation for soil characterization and/or remediation activities. The completed *NMSLO Cultural Resources Cover Sheet Exhibit A* form is included in **Appendix B**. Executed permit RE-7294 (**Appendix C**) was issued on November 25, 2024, prior to accessing pasture soil for remediation purposes. Etech submitted a delineation scope of work to the SLO, which was subsequently approved by Tami C. Knight on January 17, 2025. The approved email is provided in **Appendix D**.

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;
- A spring or a private, domestic fresh water 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 55 feet below ground surface (bgs) based on a delineation soil boring advanced at the Site (BH01). Crownquest retained Cascade Drilling to assist with confirming regional groundwater depth based on surrounding groundwater well data utilizing one of the proposed boring locations. The boring was filed under New Mexico Office of the State Engineer (NMOSE) L-15826 POD 1. The soil boring is located at 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 55 feet bgs where no evidence of groundwater was encountered. Following the observation period, the boring was plugged and abandoned per the appropriate NMOSE regulations. The boring log is provided in **Appendix E**. Additional regional groundwater well locations are shown in **Figure 1A** in **Appendix A**.

Based on the desktop review, the current BLM Carlsbad Field Office (CFO) karst cave potential map indicates the Site overlies a low karst resource area. All other potential receptors are not within the established buffers in NMAC 19.15.29.12. Receptor details and sources used for the Site characterization are included in **Figure 1B** and **Figure 1C** in **Appendix A**.

Based on the results from the desktop review, the following Closure Criteria was applied:

Constituents of Concern (COCs)	Laboratory Analytical Method	Closure Criteria [†]
Chloride	Environmental Protection Agency (EPA) 300.0	10,000 milligram per kilogram (mg/kg)
TPH (Total Petroleum Hydrocarbon)	EPA 8015 M/D	2,500 mg/kg
Benzene	EPA 8021B or EPA 8260B	10 mg/kg
TPH-Gasoline Range Organics (GRO)+ TPH-Diesel Range Organics (DRO)	EPA 8015 M/D	1,000 mg/kg
Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA 8021B or EPA 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

Between May 7, 2025, and July 22, 2025, Etech conducted soil characterization sampling activities to confirm details of the release provided on the Form C-141 and to characterize the AOC by verifying the presence or absence of impacted soil. Fifteen (15) soil samples were advanced via drill rig (BH01 through BH13) and hand shovel (SS01 through SS03), which were driven by field screening soil for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach[®] chloride QuanTab[®] test strips, representing at minimum the highest observed field screening concentrations and the greatest depth. Field screening results and soil descriptions from soil sampling activities are included on soil sampling logs shown in **Appendix F**. The locations of the soil samples are shown in **Figure 2** in **Appendix A**. Photographic documentation of delineation activities is included in **Appendix G**.

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

LABORATORY ANALYTICAL RESULTS

COCs exceedances were present in soil samples SS02, BH01 through BH03, BH05 and BH13. Laboratory analytical results are summarized in Table 1 in **Attachment H**, and the complete laboratory reports with chain-of-custody documentation is included in **Attachment I**. It should be noted that due to



the location from SS01 to BH13 and SS02 to BH05, analysis of BTEX was not performed due to the absence of detectable concentrations associated with BH13 and BH05.

PROPOSED REMEDIATION WORK PLAN AND SCHEDULE

Based on the delineation soil sampling results, the following conclusions regarding the release are presented:

- The Area of Concern (AOC) was created to encompass all identified residual impacts as per Site Closure Criteria (**Figure 2 in Appendix A**).
- TPH and/or TPH-GRO and TPH-DRO exceedances exist up to 5 feet bgs within the AOC within the vicinity of soil sampling locations SS02, BH01 through BH03, BH05 and BH13 and are characterized by concentrations ranging from 116 mg/kg to 7,540 mg/kg.
- Chloride impact exceedances exist up to 3 feet bgs within the AOC within the vicinity of soil sampling locations BH01 and BH03 and are characterized by concentrations ranging from 972 mg/kg to 5,610 mg/kg. Laboratory analytical results for chloride concentrations for the remaining delineation soil samples surrounding the AOC are below the Site Closure Criteria.

Based on the conclusions drawn above, Crownquest proposes the following remedial corrective actions with the intention to remediate the Site to Closure:

- Excavate to depths consistent with delineation laboratory analytical results that exceed the applicable Closure Criteria or to the Maximum Extent Practical (MEP)
- Due to the size of the anticipated excavation area and lack of sensitive receptors near the Site, Crownquest requests a variance for excavation confirmation soil samples to represent a maximum of 400 square feet per soil sample. The 5-point excavation confirmation soil samples will be comprised of five equivalent aliquots homogenized in a 1-gallon, resealable plastic bag. The samples will be placed into lab provided pre-cleaned glass jars, packaged with minimal void space, labeled, and immediately placed on ice. The soil samples will be transported under strict chain-of-custody procedures to an accredited laboratory and analyzed for referenced COCs.
- The proposed excavation will likely require third-party operator oversight and additional safety measures near their respective subsurface pipelines before or during excavation activities. Crownquest and/or the third-party operator may implement additional safety precautions above encroachment guidelines at their company's discretion for the health and safety of on-site personnel and for the integrity of subsurface utilities. Such restrictions include but are not limited to:
 - Shifting the proposed excavation extent(s) to adhere to established buffer zone(s) around one or more utilities.
 - Inducing a change in proposed excavation(s) depth(s) around one or more utilities.
- Upon receipt and review of excavation confirmation soil sample laboratory analytical results, Crownquest will determine the appropriate measure of corrective actions that will include:
 - Documenting the removal of impacted soil and restoration at the Site with a subsequent Closure and Reclamation Report detailing assessment, sampling activities, final confirmation sampling notifications and Site restoration activities including, but not limited to backfilling the excavation with clean, locally sourced soil and restored to "as close to its original state as possible."

- or -



- Preparing a SCRCP addendum detailing the next course of remedial actions to address the presence of soil impacts at the Site.

PROPOSED TIMELINE

Remediation activities are anticipated to initiate within 90 days of the NMOCD and SLO approval of this SCRCP and/or renewal of Executed Permit RE-7294.

Based on the proposed scope of work, Crownquest believes the proposed remedial actions will meet the requirements set forth in NMAC 19.15.29.13 regulations to be protective of human health, the environment and groundwater. If you have any questions or comments, please do not hesitate to contact Joseph Hernandez at (432) 305-6413 or joseph@etechnv.com or Anna Byers at (432) 305-6415 or anna@etechnv.com. Correspondence regarding Site activities are included in **Appendix J** or on the [NMOCD Portal](#).

Sincerely,

eTECH Environmental and Safety Solutions, Inc.

A handwritten signature in black ink, appearing to read 'abeV'.

Abraham Valladares
Reporting Specialist

A handwritten signature in black ink, appearing to read 'Joseph S. Hernandez'.

Joseph S. Hernandez
Senior Managing Geologist



cc: Crownquest Operating, LLC
New Mexico Oil Conservation Division
State Land Office

Appendices:

- Appendix A** Figure 1: Site Location Map
 - Figure 1A: Site Characterization Map – Groundwater
 - Figure 1B: Site Characterization Map – Surficial Receptors
 - Figure 1C: Site Characterization Map – Karst Potential
- Figure 2: Delineation Soil Sample Locations
- Figure 3: Proposed Excavation
- Appendix B** NMSLO Cultural Resources Cover Sheet Exhibit A
- Appendix C** Executed Permit RE-7294
- Appendix D** SLO Delineation Approval
- Appendix E** Referenced Well Records
- Appendix F** Soil Sampling Logs
- Appendix G** Photographic Log
- Appendix H** Tables
- Appendix I** Laboratory Analytical Reports & Chain-of-Custody Documentation
- Appendix J** Correspondence and Notifications

APPENDIX A

Figures



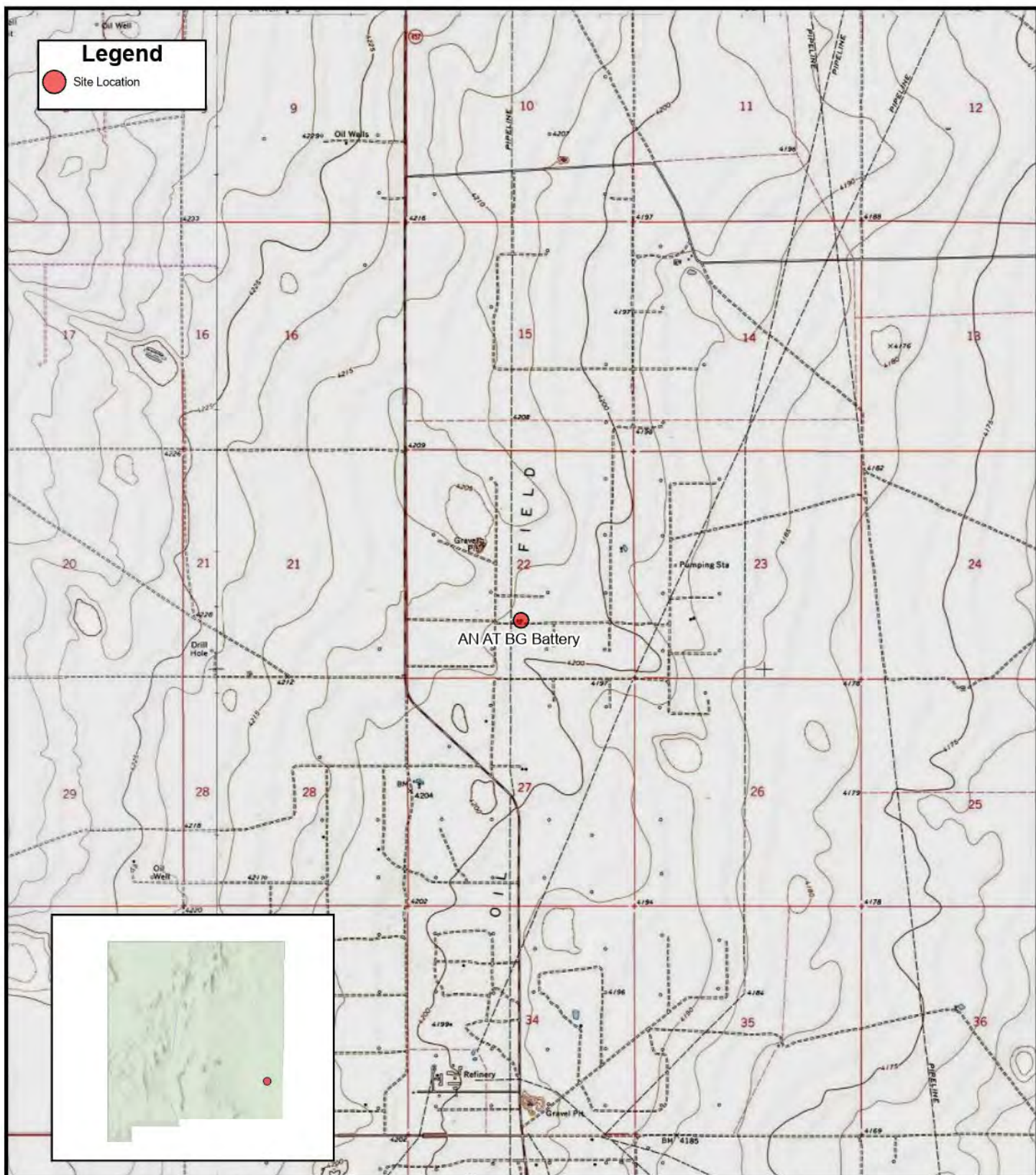


FIGURE 1

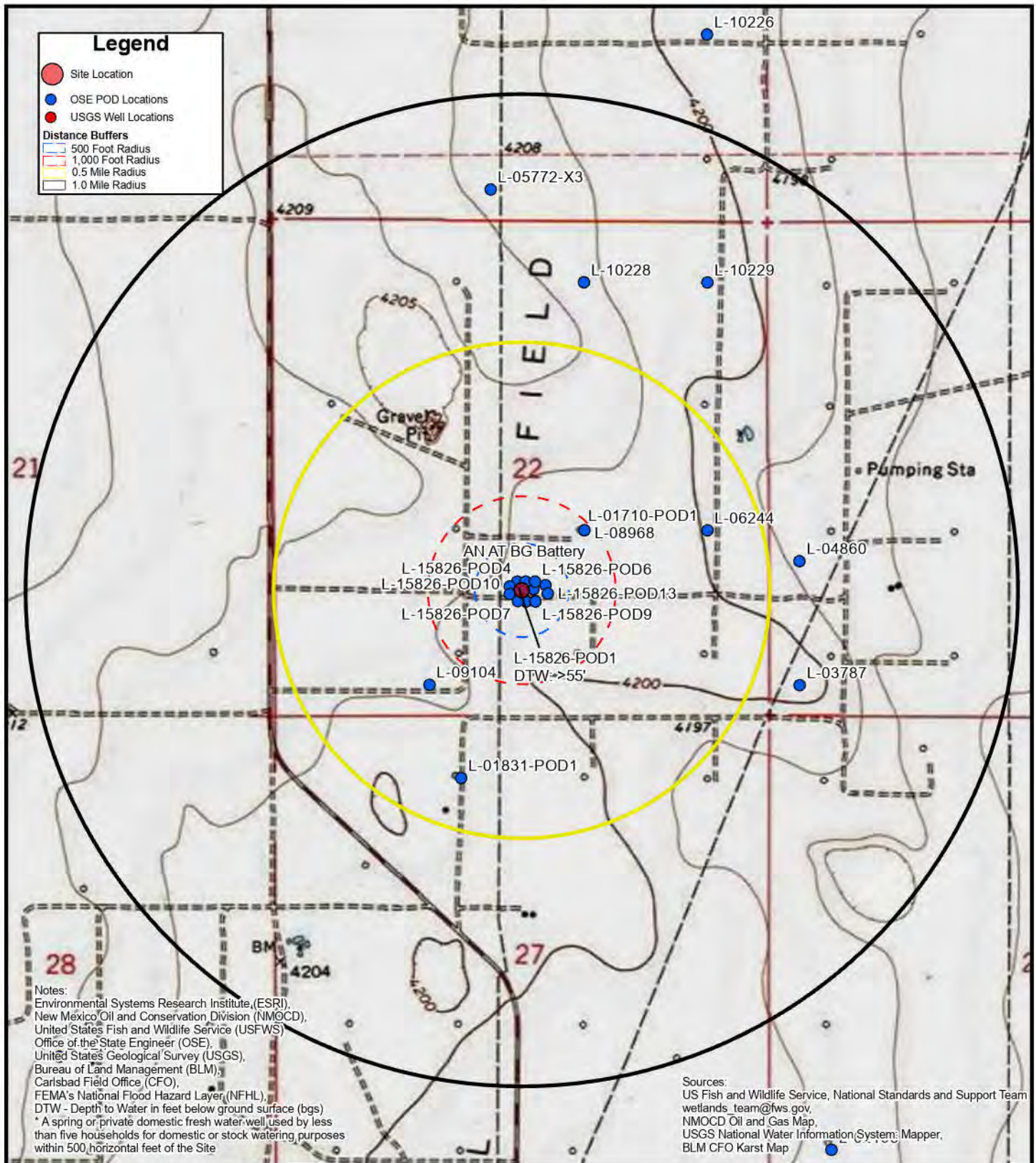
Site Location Map

CrownQuest Operating, LLC
AN AT BG Battery
Unit K Sec 22 T14S R33E
Lea County, New Mexico



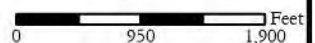
0 2,100 4,200 Feet





**FIGURE 1A
 Site Characterization Map
 Groundwater**

CrownQuest Operating, LLC
 AN AT BG Battery
 Unit K Sec 22 T14S R33E
 Lea County, New Mexico



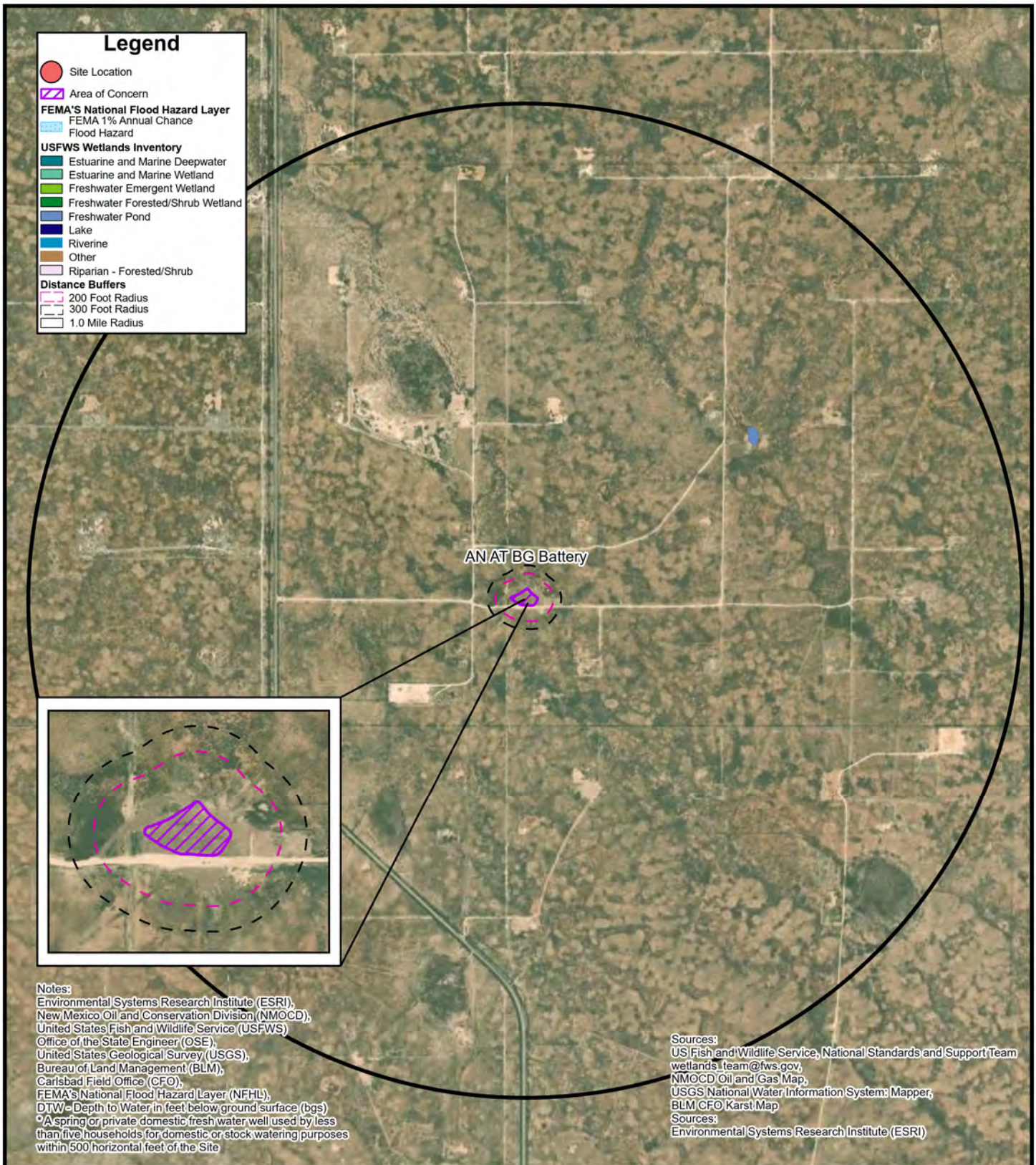
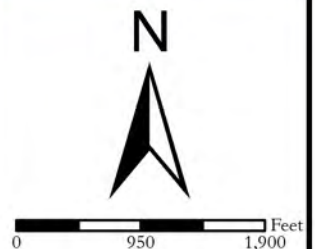
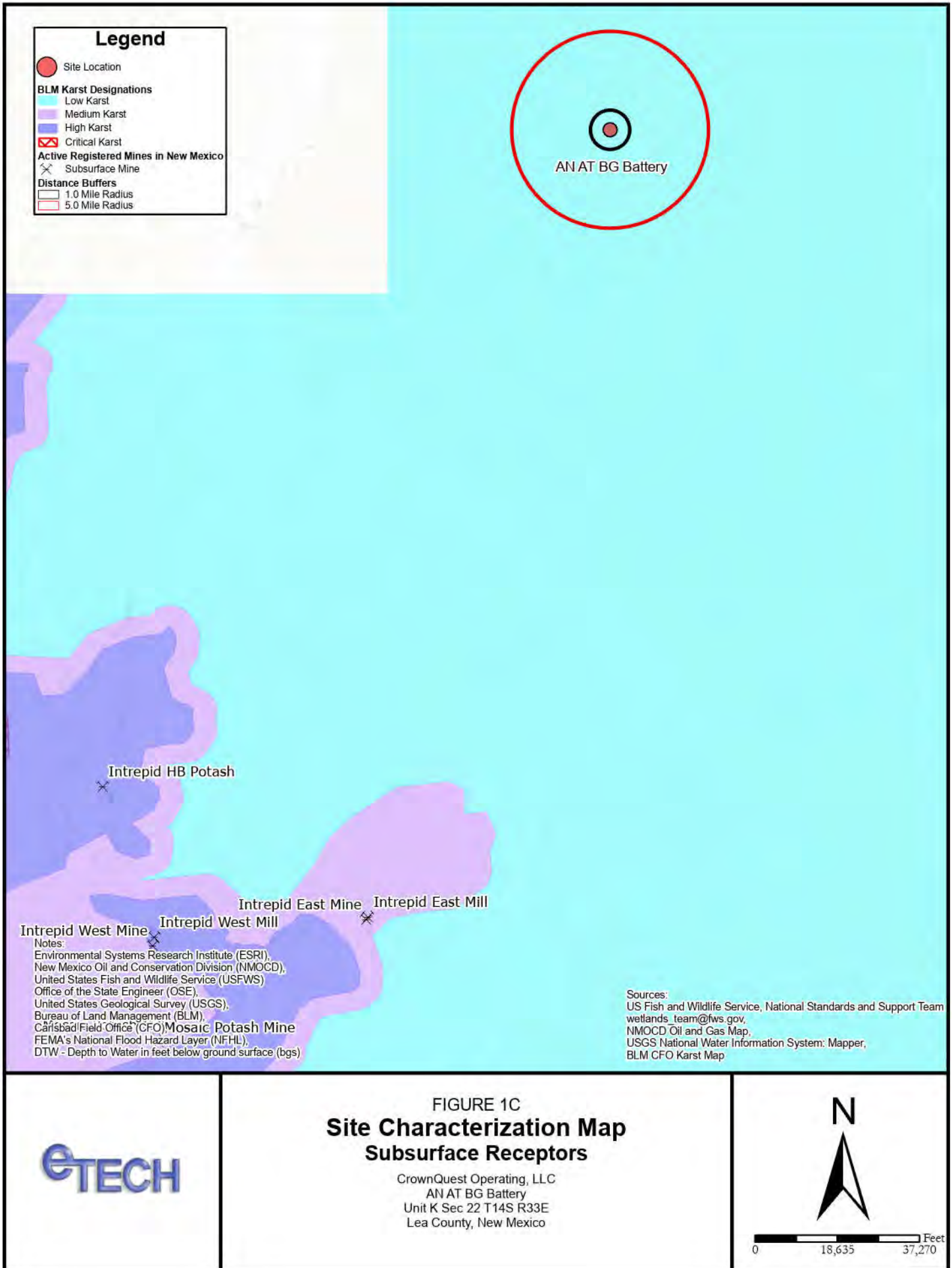


FIGURE 1B
Site Characterization Map
Surficial Receptors

CrownQuest Operating, LLC
AN AT BG Battery
Unit K Sec 22 T14S R33E
Lea County, New Mexico





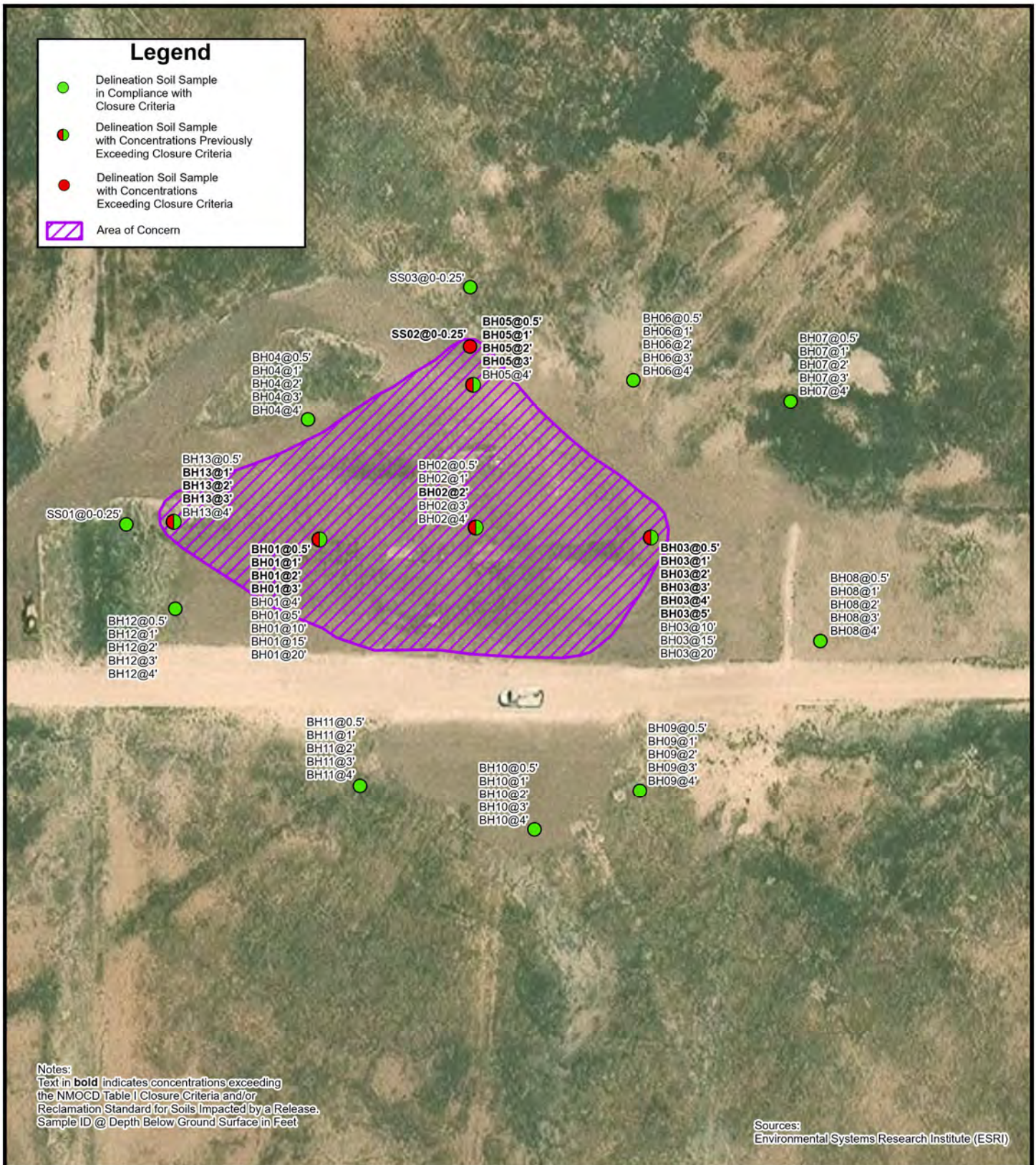


FIGURE 2

Delineation Soil Sample Locations

CrownQuest Operating, LLC
AN AT BG Battery
Unit K Sec 22 T14S R33E
Lea County, New Mexico

N



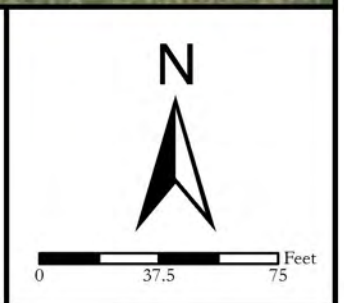
0 50 100 Feet





FIGURE 3
Proposed Excavation

CrownQuest Operating, LLC
AN AT BG Battery
Unit K Sec 22 T14S R33E
Lea County, New Mexico



APPENDIX B

NMSLO Cultural Resources Cover Sheet: Exhibit A



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

NMSLO Cultural Resources Cover Sheet Exhibit

NMCRIS Activity Number:

(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):

Cultural Resources Consultant:

Project Proponent (Applicant):

Project Title/Description:

Project Location:

County(ies):

PLSS/Section/Township/Range):

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.

Form Revised 12 22

APPENDIX C

Executed Permit RE-7294



Stephanie Garcia Richard
COMMISSIONER

State of New Mexico
Commissioner of Public Lands

310 OLD SANTA FE TRAIL
P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

COMMISSIONER'S OFFICE
Phone (505) 827-5760
Fax (505) 827-5766
www.nmstatelands.org

November 25, 2024

CrownQuest Operating, LLC
P.O. Box 53310
Midland, TX 79710

Attn: Jonathan Henson

Re: Right-of-Entry Permit No.: RE-7294 AN AT AG Battery

Dear Applicant:

Enclosed is the completed captioned Right-of-Entry permit. If any corrections are necessary, please let us know and we will retype or amend this permit as necessary.

The New Mexico State Land Office requires you to notify any surface lessees that will be impacted by your project prior to construction.

If you have any questions, or if we may be of further assistance, please do not hesitate to contact Christopher Gutierrez at (505) 827-5773.

Sincerely,

James S. Bordegaray
Director, Commercial Resources Division

JSB/CG



NEW MEXICO STATE LAND OFFICE
Commissioner of Public Lands
Stephanie Garcia Richard
New Mexico State Land Office Building
P.O. Box 1148, Santa Fe, NM 87504-1148

**RIGHT OF ENTRY PERMIT
CONTRACT NO. RE – 7294**

This Agreement is made and entered into between the COMMISSIONER OF PUBLIC LANDS (the “Commissioner”) and

**CrownQuest Operating, LLC
P.O. Box 53310
Midland, TX 79710**

(“Permittee”). The parties agree as follows:

1. RIGHT OF ENTRY (“ROE”)

The Commissioner grants to Permittee, and its authorized representatives, employees, and contractors, permission to use the state trust lands identified below (the “Premises”), and ingress and egress to the Premises, for the sole purposes of (1) surveying/conducting an environmental investigation due to a crude oil and produced water release on or adjacent to the site of the **AN AT AG Battery, API #3002501141** and (2) conducting surface reclamation activities, including removal of equipment and debris, and any required remediation per 19.15.29.12 NMAC.

The Premises are situated in the following location in Lea County, New Mexico::

Section	Township	Range	Subdivision	County	Longitude/Latitude
22	14S	33E	SENW	LEA	33.086502,-103.602367

2. TERM AND TERMINATION

Right of entry is granted for a term of **180 days**, commencing on the execution date of this document by the Commissioner of Public Lands.

3. FEES

- \$ 50.00 Application Fee
- \$ 500.00 Permit Fee
- \$ 550.00 Total Fee

RE-7294

4. CONDITIONS OF USE

- A. The issuance of this ROE does not guarantee that any subsequent lease, permit, or any other instrument will be issued to Permittee for the Premises.
- B. No blading or widening of any roads that provide access to the Premises is permitted under this ROE.
- C. No sale of any material extracted from the Premises is allowed under this ROE.
- D. Permittee shall observe all applicable federal, state, and local laws and regulations.
- E. Permittee shall take all reasonable precautions to prevent and suppress forest, brush, and grass fires and prevent pollution of waters on or in the vicinity of the Premises.
- F. Permittee shall not block or disrupt roads or trails commonly in use.
- G. This ROE is subject to any and all easements and rights-of-way previously granted and now in force and effect.
- H. Permittee shall be responsible for repair and restitution for damage to any Premises or improvements as a result of activities related to the ROE.
- I. Prior to entering the Premises, Permittee must identify and contact any existing surface lessees. The grant of this ROE does not allow access across private lands.
- J. Permittee may utilize this ROE upon its execution for inspection of the Premises and to conduct any necessary tests or inspections. Permittee may not conduct remediation or reclamation work until it has submitted a written plan for such work, and received State Land Office approval.
- K. Personnel present on Premises: **CrownQuest Operating, LLC personnel and authorized contractors.**
- L. Equipment and materials present on Premises: **Vehicles, heavy equipment, and associated equipment.**

5. SITE CONDITIONS

- A. No surface disturbance, other than soil tests, except as described in a reclamation plan submitted to and approved by the State Land Office.
- B. Access to the Premises shall be over existing roads.
- C. The natural environmental conditions that exist contemporaneously with this grant of ROE shall be preserved and protected. Permittee must follow all applicable environmental and cultural resource protection laws and regulations.

6. INDEMNITY

Permittee shall save, hold harmless, indemnify, and defend the State of New Mexico, the Commissioner and Commissioner's employees, agents and contractors, in both their official and individual capacities, from any and all liability, claims, losses, damages, or expenses of any character or nature whatsoever, including but not limited to attorney's fees, court costs, loss of land value or use, third party claims, penalties, or removal, remedial or restoration costs arising out of, or alleged to arise out of Permittee's operations or presence on the Premises (or operations or presence of his representatives, employees, or contractors).

7. SURVIVAL OF TERMS

Permittee's obligations regarding indemnity, site conditions, and compliance with applicable standards and laws, shall survive the termination, cancellation or relinquishment of this Agreement, and any cause of action of the Commissioner to enforce any right, liability, claim, loss, damage or expense under those paragraphs shall not be deemed to accrue until the Commissioner's actual discovery of said right, liability, claim, loss, damage or expense.

8. NOTIFICATION

Permittee must notify the State Land Office immediately in the event Permittee or his representatives, employees, or contractors observe any spill, fire, or other emergency on the Premises, or if Permittee or his representatives, employees, or contractors experience any serious injury while on the Premises.

RE-7294

WITNESS the hands of PERMITTEE and COMMISSIONER on the day(s) and year entered below.

Jonathan
Henson

Digitally signed by Jonathan
Henson
Date: 2024.11.25 10:00:42 -06'00'

DATE: 11/25/24

PERMITTEE SIGNATURE

Jonathan Henson

Production Engineering Manager

PERMITTEE NAME AND TITLE (PRINT)

SEAL:

BY: *Stephanie Garcia Richard*
Stephanie Garcia Richard
Commissioner of Public Lands

DATE: 11/25/24



APPENDIX D

SLO Delineation Approval



Outlook

Re: [EXTERNAL] RE: NM AN 7 TB Delineation Approval (NTO1418937492) - WORK NOT AUTHORIZED

From Knight, Tami C. <tknight@nmslo.gov>

Date Fri 1/17/2025 5:23 PM

To Jonathan Henson <jhenson@crowquest.com>

Cc Bisbey-Kuehn, Elizabeth A. <ebisbeykuehn@nmslo.gov>; Joseph Hernandez <joseph@etechnv.com>

Thank you. This makes a lot more sense now. Please proceed with the delineation as proposed.

For future work ECO does require a formal written workplan and typically it takes 7-10 days for review. This was a rush request.

Tami C. Knight, CHMM
Environmental Specialist
NMSLO-SRD ECO

On Jan 17, 2025, at 3:59 PM, Jonathan Henson <jhenson@crowquest.com> wrote:

Hi Liz,

This is the ROE permit for the site in question. I believe we initially attached a different ROE permit by mistake. I apologize for any confusion.

Jonathan Henson
432-557-6878

From: Knight, Tami C. <tknight@nmslo.gov>

Sent: Friday, January 17, 2025 3:44 PM

To: Joseph Hernandez <joseph@etechnv.com>

Cc: Jonathan Henson <jhenson@crowquest.com>; Bisbey-Kuehn, Elizabeth A. <ebisbeykuehn@nmslo.gov>

Subject: RE: NM AN 7 TB Delineation Approval (NTO1418937492) - WORK NOT AUTHORIZED

You don't often get email from tknight@nmslo.gov. [Learn why this is important](#)

Joseph

The ROE you sent with the delineation information is for Sec 14 T22S 35E for a caliche pit leased to Merchant Livestock.

I have no ROE for Remediation records for Crownquest for Sec 22 T14S R33E, which is where the tank battery is located. Crownquest does not have a ROE for this location at all, absolutely no work is approved until a ROE is obtained.

The oil and gas lease for Sec 22 T14S R33E expired January 2024, so any work that has been done since then has been completed in trespass.

Our office is closed on Monday, but if you have further questions today please direct them to Liz Bisbey-Kuehn, ECO Program Manager, since I am out of the office the rest of the day, until Tuesday morning.

Thank you

<image002.png>

Tami C. Knight, CHMM

Environmental Specialist

NMSLO Environmental Compliance Office

505.670-1638

[<image004.png>](#)

[<image006.jpg>](#)

tknight@nmslo.gov

NMSLO is closed January 20, 2025

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error, please immediately notify the sender and delete the original transmission and its attachments without reading or saving in any manner. Thank you.

From: Joseph Hernandez <joseph@etechnv.com>
Sent: Friday, January 17, 2025 2:22 PM
To: SLO Spills <spills@nmslo.gov>
Cc: Knight, Tami C. <tknight@nmslo.gov>; Jonathan Henson <jhenson@crowquest.com>
Subject: [EXTERNAL] Fwd: NM AN 7 TB Delineation Approval (NTO1418937492) - NO ROE

Tami,

I wanted to provide some clarity regarding the coordinates indicated in the NMOCD portal for the well API ([30-025-1141](#)). Unfortunately, the original coordinates on the initial C-141 were not documented as an oversight, but the legal PLSS description (Unit N, Section 22, Township 14S, Range 33 East) listed on the form points to the location of the inadvertent spill. As noted in the description of the spill, the cause of the release was attributed to a lightning strike at a tank battery (Initial C-141 attached). No production tank batteries were located at the site referenced by the NMOCD coordinates. I have also attached a time-lapse image from 2014 and 2024, which shows the location of the tank battery referenced in the initial C-141 as it appears that they have been removed following plugging activities for the well in question API ([30-025-01141](#)). As this is a historical spill, we currently do not have all the details available, but are in the process of investigating the extent of the spill and taking steps to remediate the situation at the subject proposed location in the ROE.

Joseph S. Hernandez

Senior Managing Geologist

Cell: (432) 305-6413

|
<[image010.jpg](#)>

On Jan 17, 2025, at 12:00 PM, Knight, Tami C. wrote:

Joseph

This ROE is not approved for the subject proposed work or proposed location. The lat/long provided in the NMOCD incident record does not match the google earth image. Any work that has been conducted at this

location may have been conducted in trespass if the correct ROE cannot be produced from CrownQuest.
No work will be approved until this is completed.

Tami C. Knight, CHMM
Environmental Specialist
NMSLO Environmental Compliance Office
505.670-1638

tknight@nmslo.gov

NMSLO is closed January 20, 2025

CONFIDENTIALITY NOTICE - This e-mail transmission, including all documents, files, or previous e-mail messages attached hereto, may contain confidential and/or legally privileged information. If you are not the intended recipient, or a person responsible for delivering it to the intended recipient, you are hereby notified that you must not read this transmission and that any disclosure, copying, printing, distribution, or use of any of the information contained in and/or attached to this transmission is STRICTLY PROHIBITED. If you have received this transmission in error, please immediately notify the sender and delete the original transmission and its attachments without reading or saving in any manner. Thank you.

From: Joseph Hernandez
Sent: Thursday, January 16, 2025 9:34 AM
To: SLO Spills ; Knight, Tami C.
Cc: Jonathan Henson
Subject: [EXTERNAL] NM AN 7 TB Delineation Approval (NTO1418937492)
Tami,

Hope all is well. Etech, on behalf of Crownquest Operating, LLC is planning to begin delineation drilling at the above Site next Tuesday (1/22/25). Up to 13 borings are planned at the Site. The purpose of delineation is to investigate the potential impact from a reportable release assigned incident number NTO1418937492. Results from delineation activities will be used to determine the appropriate corrective action. A subsequent work plan report will then be submitted to the SLO for review.

Depth to groundwater is estimated to be between ~90 feet below ground surface (bgs) at the Site. As such, the borings advanced up to 55 feet bgs are not anticipated to encounter groundwater. Soil samples will be field screened on location for chloride and volatile organic compounds at a 2-5-foot frequency minimum and submitted to an accredited laboratory for analysis of BTEX, TPH and chloride.

Attached you will find the executed permit for the proposed drilling area, cultural survey and map of the proposed locations. The arch report was negative and was sent to the SLO archeologist for their records.

Let me know if you have any questions of need anything else.

Thank you,

Joseph Hernandez

Senior Managing Geologist

Etech Environmental & Safety Solutions, Inc.

C: (432) 305-6413

<RE-7294 Executed Permit.pdf>

APPENDIX E

Referenced Well Records



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 (BH-01)		WELL TAG ID NO		OSE FILE NO(S) L-15826		
	WELL OWNER NAME(S) Crown Quest Operating, LLC (Aim Jonathan Henson)				PHONE (OPTIONAL) (432) 557-6878		
	WELL OWNER MAILING ADDRESS P.O Box 53310				CITY Midland	STATE TX	ZIP 79710
	WELL LOCATION (FROM GPS)	DEGREES	MINUTES	SECONDS	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84	
		LATITUDE	33	5			
	LONGITUDE	103	36	8.94	W		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE SE NE, Sec 14, T22s, R35E (NM AN 7 TB)							

2. DRILLING & CASING INFORMATION	LICENSE NO WD-1664	NAME OF LICENSED DRILLER Shawn Cain			NAME OF WELL DRILLING COMPANY Cascade Drilling			
	DRILLING STARTED 5/7/2025	DRILLING ENDED 5/7/2025	DEPTH OF COMPLETED WELL (FT) n/a	BORE HOLE DEPTH (FT) 55	DEPTH WATER FIRST ENCOUNTERED (FT) 0			
	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) Dry	DATE STATIC MEASURED		
	DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY							
	DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY Sonic					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						
	0	55	6"	Soil boring no well				

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				
	0	55	6	Soil Borings No Well	12.03	Tremie

FOR OSE INTERNAL USE			WR-20 WELL RECORD & LOG (Version 09/22/2022)		
FILE NO.	POD NO.	TRN NO.			
LOCATION	WELL TAG ID NO	PAGE 1 OF 2			



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: POD 1 (BH-01)
Well owner: Crown Quest Operating, LL (Attn Jonathan Henson) Phone No.: 432-557-6878
Mailing address: P.O Box 53310
City: Midland State: Texas Zip code: 79710

II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: Cascade Drilling
- 2) New Mexico Well Driller License No.: WD-1664 Expiration Date: 1/30/2027
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Miguel Alvarado
- 4) Date well plugging began: 5/7/2025 Date well plugging concluded: 5/7/2025
- 5) GPS Well Location: Latitude: 33 deg, 5 min, 11.5 sec
Longitude: 103 deg, 36 min, 8.94 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 55 ft below ground level (bgl),
by the following manner: Grout from bottom up
- 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: 1/14/25
- 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):

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

For each interval plugged, describe within the following columns:

Depth (ft bgl)	Plugging Material Used (include any additives used)	Volume of Material Placed (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement Method (tremie pipe, other)	Comments ("casing perforated first", "open annular space also plugged", etc.)
55 - 0		90 Gallons	85.25 Gallons	Tremie Bottom up	Dry Soil boring No well

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

III. SIGNATURE:

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

Shawn Cain
Signature of Well Driller

7-6-25
Date

APPENDIX F

Soil Sampling Logs



Sample Name: BH01 Date: 05/07/2025
 Site Name: AN AT BG Battery
 Incident Number: nTO1418937492
 Job Number: 20468

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: EK Method: Sonic Rig
 Hole Diameter: 7 inches Total Depth: 55 feet

Delineation Soil Sample Coordinates: 33.086558, -103.602572

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
						0	SP-SM	(0-0.5') SAND, dark brown, well graded with silt, very fine to coarse grain, no staining or odor.
Dry	3,780	0.2	No	BH01	0.5	0.5	CCHE	(0.5-25') CALICHE, well graded with silt, very fine to coarse grain, small gravel (0.5-4cm), no staining or odor.
Dry	1,056	0.5	No	BH01	1	1		
Dry	836	1.3	No	BH01	2	2		
Dry	772	0.7	No	BH01	3	3		
Dry	772	0.3	No	BH01	4	4		
Dry	904	0.7	No	BH01	5	5		
Dry	1,136	0.5	No	BH01	6	6		@6'- Increase in gravel size from small to large (2-5cm).
Dry	904	0.5	No	BH01	7	7		
Dry	456	0.4	No	BH01	8	8		
Dry	712	0.7	No	BH01	9	9		
Dry	836	0.3	No	BH01	10	10		
Dry	1,136	0.1	No	BH01	11	11		
Dry	656	0.4	No	BH01	12	12		
Dry	976	0.7	No	BH01	13	13		
Dry	548	0.1	No	BH01	14	14		
Dry	412	0.5	No	BH01	15	15		@15'- Decrease in gravel size.
Dry	412	0.4	No	BH01	16	16		@16'-No more gravel.
Dry	368	0.2	No	BH01	17	17		
Dry	228	0.8	No	BH01	18	18		@18'- Color changes to light brown.
Dry	228	0	No	BH01	19	19		



Sample Name: BH01	Date: 05/07/2025
Site Name: AN AT BG Battery	
Incident Number: nTO1418937492	
Job Number: 20468	

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: EK	Method: Sonic Rig
Delineation Soil Sample Coordinates: 33.086558, -103.602572	Total Depth: 55 feet

Hole Diameter: 7 inches	Total Depth: 55 feet
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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
Dry	228	0.1	No	BH01	20	20	CCHE	(0.5'-25') CALICHE, well graded with silt, very fine to coarse grain, small gravel (0.5-4cm), no staining or odor. (21-55') drilled to obtain a depth to water, soil descriptions included but no field tests performed. (25'-55') SAND, tan, dry, well graded with trace silt, fine to course grain, no staining or odor. @30'- Small gravel (subangular to subrounded). @31'- Increase in gravel size from small to medium (0.5-3 cm) @33'- No more gravel.
Dry	-	-	No	-	-	21		
Dry	-	-	No	-	-	22		
Dry	-	-	No	-	-	23		
Dry	-	-	No	-	-	24		
Dry	-	-	No	-	-	25	SW-SM	
Dry	-	-	No	-	-	26		
Dry	-	-	No	-	-	27		
Dry	-	-	No	-	-	28		
Dry	-	-	No	-	-	29		
Dry	-	-	No	-	-	30		
Dry	-	-	No	-	-	31		
Dry	-	-	No	-	-	32		
Dry	-	-	No	-	-	33		
Dry	-	-	No	-	-	34		
Dry	-	-	No	-	-	35		
Dry	-	-	No	-	-	36		
Dry	-	-	No	-	-	37		
Dry	-	-	No	-	-	38		
Dry	-	-	No	-	-	39		



Sample Name: BH01	Date: 05/07/2025
Site Name: AN AT BG Battery	
Incident Number: nTO1418937492	
Job Number: 20468	

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: EK	Method: Sonic Rig
Delineation Soil Sample Coordinates: 33.086558, -103.602572	Total Depth: 55 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	-	-	No	-	-	40	SW-SM	(25'-55') SAND, tan, dry, well graded with trace silt, fine to course grain, no staining or odor. (21-55') drilled to obtain a depth to water, soil descriptions included but no field tests performed. @40'- increase of silt from trace to some.
Dry	-	-	No	-	-	41		
Dry	-	-	No	-	-	42		
Dry	-	-	No	-	-	43		
Dry	-	-	No	-	-	44		
Dry	-	-	No	-	-	45		
Dry	-	-	No	-	-	46		
Dry	-	-	No	-	-	47		
Dry	-	-	No	-	-	48		
Dry	-	-	No	-	-	49		
Dry	-	-	No	-	-	50		
Dry	-	-	No	-	-	51		
Dry	-	-	No	-	-	52		
Dry	-	-	No	-	-	53		
Dry	-	-	No	-	-	54		
Dry	-	-	No	-	-	55		

Total Depth



Sample Name: BH02 Date: 05/07/2025
 Site Name: AN AT BG Battery
 Incident Number: nTO1418937492
 Job Number: 20468

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: EK Method: Sonic Rig
 Delineation Soil Sample Coordinates: 33.086575, -103.602288 Hole Diameter: 7 inches Total Depth: 55 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	0.2	No	BH02	0.5	0.5	SW-SM	(0-0.5') SAND, dry, dark brown, well graded with some silt, fine to coarse, no staining or odor, poorly consolidated.
Dry	<116	0.4	No	BH02	1	1	CCHE	(0.5'-5') CALICHE, tan, dry, well graded with an abundance of silt, fine to coarse, some gravel (0.5-2cm), moderately consolidated, no staining or odor.
Dry	652	0.2	No	BH02	2	2		
Dry	<116	0.4	No	BH02	3	3		
Dry	<116	0.7	No	BH02	4	4		
Dry	<116	0.4	No	BH02	5	5		

Total Depth



Sample Name: BH03	Date: 05/07/2025
Site Name: AN AT BG Battery	
Incident Number: nTO1418937492	
Job Number: 20468	

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: EK	Method: Sonic Rig
Delineation Soil Sample Coordinates: 33.086563, -103.607966	Hole Diameter: 7 inches
Total Depth: 55 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
						0	SW-SM	(0-0.25') SAND, dry, dark brown, well graded with some silt, fine to course grain with some caliche gravel (0.5-1.5cm), poorly consolidated, no staining, or odor.
						0.25	CCHE	
Dry	332	46.1	No	BH03	0.5	0.5		
Dry	260	30.2	No	BH03	1	1		
Dry	456	10	No	BH03	2	2		(0.25-20') CALICHE, dry, tan, well graded with abundant silt, fine to course grain, moderately consolidated, no stain, has odor.
Dry	904	103.2	No	BH03	3	3		
Dry	836	83.3	No	BH03	4	4		@4'- Decrease in consolidation
Dry	656	112.3	No	BH03	5	5		
Dry	1,136	20.2	No	BH03	6	6		
Dry	2,540	8.3	No	BH03	7	7		
Dry	1,764	0.3	No	BH03	8	8		@8'- no odor
Dry	1,764	0	No	BH03	9	9		(9-16') has odor
Dry	1,896	2.2	No	BH03	10	10		
Dry	1,896	3.4	No	BH03	11	11		
Dry	3,020	5.2	No	BH03	12	12		
Dry	1,524	4	No	BH03	13	13		
Dry	1,896	1.8	No	BH03	14	14		
Dry	2,372	3.9	No	BH03	15	15		
Dry	1,416	0	No	BH03	16	16		
Dry	1,640	0	No	BH03	17	17		(17-20') no odor
Dry	1,640	0	No	BH03	18	18		



Sample Name: BH03 Date: 05/07/2025
 Site Name: AN AT BG Battery
 Incident Number: nTO1418937492
 Job Number: 20468

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: EK Method: Sonic Rig
 Hole Diameter: 7 inches Total Depth: 55 feet

Delineation Soil Sample Coordinates: 33.086575, -103.602288

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	1,640	0.0	No	BH03	19	19	CCHE	(17-20') no odor
Dry	1,416	0.0	No	BH03	20	20		

Total Depth



Sample Name: BH04 Date: 05/08/2025
 Site Name: AN AT BG Battery
 Incident Number: nTO1418937492
 Job Number: 20468

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: EK Method: Sonic Rig
 Delineation Soil Sample Coordinates: 33.086742, -103.602594 Hole Diameter: 7 inches Total Depth: 55 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	260	0.0	No	BH04	0.5	0.5	SW-SM CCHE	(0-0.5) SAND, dry, dark brown, well graded with some silt, fine to course grain with some caliche gravel in (1-5cm) poorly consolidated, no staining or odor.
Dry	228	0.0	No	BH04	1	1		(0.5-5') CALICHE, dry, tan, well graded with trace salt, no staining or odor.
Dry	456	0.0	No	BH04	2	2		
Dry	228	0.0	No	BH04	3	3		
Dry	196	0.0	No	BH04	4	4		
Dry	196	0.0	No	BH04	5	5		

Total Depth



Sample Name: BH05 Date: 05/08/2025
 Site Name: AN AT BG Battery
 Incident Number: nTO1418937492
 Job Number: 20468

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: EK Method: Sonic Rig
 Hole Diameter: 7 inches Total Depth: 55 feet

Delineation Soil Sample Coordinates: 33.086793, -103.602291

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	412	0.0	No	BH05	0.5	0.5	SW-SM CCHE	(0-0.5') SAND, dry, dark brown, well graded with some silt, fine to course grain with some caliche gravel, trace organic, no staining or odor. (0.5'-5') CALICHE, dry, tan, well graded with trace silt, poorly consolidated, no staining or odor.
Dry	332	0.0	No	BH05	1	1		
Dry	260	0.0	No	BH05	2	2		
Dry	260	0.1	No	BH05	3	3		
Dry	228	0.0	No	BH05	4	4		
Dry	260	0.0	No	BH05	5	5		

Total Depth



Sample Name: BH06 Date: 05/08/2025
 Site Name: AN AT BG Battery
 Incident Number: nTO1418937492
 Job Number: 20468

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: EK Method: Sonic Rig
 Delineation Soil Sample Coordinates: 33.086798, -103.601996 Hole Diameter: 7 inches Total Depth: 55 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	236	0.0	No	BH06	0.5	0.5	SW-SM CCHE	(0-0.5') SAND, dry, dark brown, well graded with trace silt, fine to course grain, poorly consolidated, no staining or odor. (0.5-5') CALICHE, dry, tan, well graded with some silt fine to course grain, moderately consolidated, no staining or odor.
Dry	332	0.0	No	BH06	1	1		
Dry	500	0.0	No	BH06	2	2		
Dry	332	0.0	No	BH06	3	3		
Dry	260	0.2	No	BH06	4	4		
Dry	196	0.0	No	BH06	5	5		@5'- Decrease in silt.

Total Depth



Sample Name: BH07	Date: 05/08/2025
Site Name: AN AT BG Battery	
Incident Number: nTO1418937492	
Job Number: 20468	

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: EK	Method: Sonic Rig
Delineation Soil Sample Coordinates: 33.0867664, -103.6017101	Total Depth: 55 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	196	0.2	No	BH07	0.5	0.5	SW-SM	(0-1') SAND, dry, dark brown, well graded with some silt, fair to course grain, with some gravel, poorly consolidated, trace organic, no staining or odor.
Dry	196	0.0	N	BH07	1	1	CCHE	(1-5') CALICHE, dry, tan, well graded with some silt, fine to course grain, moderately consolidated, no staining or odor.
Dry	260	0.1	N	BH07	2	2		
Dry	456	0.0	N	BH07	3	3		
Dry	296	0.0	N	BH07	4	4		
Dry	236	0.0	N	BH07	5	5		

Total Depth



Sample Name: BH08	Date: 05/08/2025
Site Name: AN AT BG Battery	
Incident Number: nTO1418937492	
Job Number: 20468	

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: EK	Method: Sonic Rig
Delineation Soil Sample Coordinates: 33.086402, -103.601657	Hole Diameter: 7 inches
Total Depth: 55 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	228	0.1	No	BH08	0.5	0.5	SW-SM	(0-2') SAND, dry, dark brown, well graded with abundant silt and trace clay, fine to course with caliche gravel, trace organic, no staining or odor.
Dry	260	0.3	No	BH08	1	1		@1'- No organic
Dry	452	0.0	No	BH08	2	2	CCHE	(2'-5') CALICHE, dry, tan, well graded with some silt, fine to course moderately consolidated, no staining or odor.
Dry	332	0.0	No	BH08	3	3		
Dry	260	0.2	No	BH08	4	4		
Dry	260	0.0	No	BH08	5	5		

Total Depth



Sample Name: BH09	Date: 05/09/2025
Site Name: AN AT BG Battery	
Incident Number: nTO1418937492	
Job Number: 20468	

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: EK	Method: Sonic Rig
Delineation Soil Sample Coordinates: 33.086172, -103.601985	Hole Diameter: 7 inches
Total Depth: 55 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
Moist	<116	0.0	No	BH09	0.5	0.5	SW-SM	(0-1') SAND, moist (due to rain), dark brown, well graded with some silt, very fine to course, some caliche gravel, poorly consolidated, trace of organic, no staining or odor.
Moist	<116	0.0	No	BH09	1	1	CCHE	(1-5') CALICHE, dry, tan, well graded with some silt, fine to course, moderately consolidated, no staining or odor.
Dry	<116	0.0	No	BH09	2	2		
Dry	<116	0.0	No	BH09	3	3		
Dry	<116	0.0	No	BH09	4	4		
Dry	<116	0.0	No	BH09	6	5		

Total Depth



Sample Name: BH10 Date: 05/09/2025
 Site Name: AN AT BG Battery
 Incident Number: nTO1418937492
 Job Number: 20468

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: EK Method: Sonic Rig
 Delineation Soil Sample Coordinates: 33.086112, -103.602178 Hole Diameter: 7 inches Total Depth: 55 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
Moist	<116	0.0	No	BH10	0.5	0.5	SW-SM CCHE	(0-0.5') SAND, moist, dark brown, well graded with some silt, fine to course graded, with small caliche gravel, poorly consolidated, trace organic, no staining or odor.
Dry	<116	0.0	No	BH10	1	1		(0.5-5') CALICHE, dry, tan, well graded with silt, fine to course grain, moderately consolidated, no staining or odor.
Dry	<116	0.0	No	BH10	2	2		
Dry	<116	0.0	No	BH10	3	3		
Dry	<116	0.0	No	BH10	4	4		
Dry	<116	0.0	No	BH10	5	5		

Total Depth



Sample Name: BH11 Date: 05/09/2025
 Site Name: AN AT BG Battery
 Incident Number: nTO1418937492
 Job Number: 20468

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: EK Method: Sonic Rig
 Hole Diameter: 7 inches Total Depth: 55 feet

Delineation Soil Sample Coordinates: 33.086180, -103.602497

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	<116	0.0	No	BH11	0.5	0.5	SW-SM	(0-2.5') SAND, moist, dark brown, well graded with some silt, fine to course grain with some trace caliche gravel, poorly consolidated, trace organic, no staining or odor. @0.5'- the soil went from moist to dry
Dry	<116	0.0	No	BH11	1	1		
Dry	228	0.1	No	BH11	2	2		
Dry	116	0.0	No	BH11	3	3	CCHE	(2.5-5') caliche, tan, well graded with silt, fine to course, poorly consolidated, no stain, no odor.
Dry	<116	0.0	No	BH11	4	4		
Dry	<116	0.0	No	BH11	5	5		

Total Depth



Sample Name: BH12	Date: 05/09/2025
Site Name: AN AT BG Battery	
Incident Number: nTO1418937492	
Job Number: 20468	

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: EK	Method: Sonic Rig
Delineation Soil Sample Coordinates: 33.086450, -103.602834	Total Depth: 55 feet

Hole Diameter: 7 inches

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	412	0.2	No	BH12	0.5	0 0.5	SP-SM CCHE	(0-0.5') SAND, dry, brown, well graded with abundant silt, fine to course grain with trace of small caliche gravel, no staining or odor.
Dry	<116	0.0	No	BH12	1	1		(0.5-5) CALICHE, dry, tan, well graded with some silt, fine to course grain, poorly consolidated, no staining or odor.
Dry	<116	0.1	No	BH12	2	2		
Dry	<116	0.0	No	BH12	3	3		
Dry	<116	0.0	No	BH12	4	4		
Dry	<116	0.0	No	BH12	5	5		

Total Depth



Sample Name: BH13	Date: 05/09/2025
Site Name: AN AT BG Battery	
Incident Number: nTO1418937492	
Job Number: 20468	

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: EK	Method: Sonic Rig
Delineation Soil Sample Coordinates: 33.086648, -103.602951	Total Depth: 55 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	0.0	No	BH13	0.5	0.5	SP-SM CCHE	(0-0.5') SAND, dry, brown, well graded with abundant silt, fine to course grain with trace of small caliche gravel, trace organic, no staining or odor
Dry	<116	0.0	No	BH13	1	1		(0.5-5') CALICHE, dry, tan , well graded with some silt, fine to course grain, pooly consolidated, no staining or odor.
Dry	<116	0.0	No	BH13	2	2		
Dry	<116	0.0	No	BH13	3	3		
Dry	<116	0.0	No	BH13	4	4		
Dry	<116	0.0	No	BH13	5	5		

Total Depth

APPENDIX G

Photographic Log



PHOTOGRAPHIC LOG
Crownquest Operating, LLC
AN AT BG Battery
Incident Number: nTO1418937492



Photograph 1 **Date: 05/07/2025**
Description: Southeastern view of delineation activities.



Photograph 2 **Date: 05/09/2025**
Description: Northwestern view of delineation activities.



Photograph 3 **Date: 07/10/2025**
Description: Southeastern view of delineation.



Photograph 4 **Date: 08/22/2025**
Description: Northeastern view of delineation.

APPENDIX H

Tables



Table 1
SOIL SAMPLE ANALYTICAL RESULTS
Crownquest Operating, LLC
AN AT BG Battery
Lea 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)	DRO+GRO (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	1,000	2,500	10,000
Delineation Soil Samples - Incident Number nTO1418937492										
BH01*	05/07/2025	0.5	<0.0250	<0.0500	<20.0	135	105	135	240	5,610
BH01*	05/07/2025	1	<0.0250	<0.0500	<20.0	38.4	<50.0	38.4	38.4	1,460
BH01*	05/07/2025	2	<0.0250	<0.0500	<20.0	64.5	89.6	64.5	154	968
BH01*	05/07/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	972
BH01	05/07/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	962
BH01	05/07/2025	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	982
BH01	05/07/2025	10	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	957
BH01	05/07/2025	15	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	538
BH01	05/07/2025	20	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	251
BH02*	05/07/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	62.8
BH02*	05/07/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	115
BH02*	05/07/2025	2	<0.0250	<0.0500	<20.0	389	357	389	746	543
BH02*	05/07/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	43.6
BH02	05/07/2025	4	<0.0250	<0.0500	<20.0	91.9	86.4	91.9	178	52.4
BH03*	05/07/2025	0.5	<0.0250	<0.0500	<20.0	1,630	1,050	1,630	2,680	406
BH03*	05/07/2025	1	<0.0250	0.071	<20.0	1,180	549	1,180	1,730	360
BH03*	05/07/2025	2	<0.0250	<0.0500	<20.0	233	169	233	402	402
BH03*	05/07/2025	3	<0.0250	0.276	<20.0	5,680	1,860	5,680	7,540	1,090
BH03	05/07/2025	4	<0.0250	0.333	<20.0	5,080	1,600	5,080	6,680	688
BH03	05/07/2025	5	<0.0250	0.134	<20.0	1,050	443	1,050	1,490	656
BH03	05/07/2025	10	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,120
BH03	05/07/2025	15	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,950
BH03	05/07/2025	20	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,690



Table 1
SOIL SAMPLE ANALYTICAL RESULTS
Crownquest Operating, LLC
AN AT BG Battery
Lea 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)	DRO+GRO (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	1,000	2,500	10,000
BH04*	05/08/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	291
BH04*	05/08/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	278
BH04*	05/08/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	204
BH04*	05/08/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	173
BH04	05/08/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	194
BH05*	05/08/2025	0.5	<0.0250	<0.0500	<20.0	57.4	107	57.4	164	131
BH05*	05/08/2025	1	<0.0250	<0.0500	<20.0	46.8	87.3	46.8	134	146
BH05*	05/08/2025	2	<0.0250	<0.0500	<20.0	46.0	79.7	46.0	126	134
BH05*	05/08/2025	3	<0.0250	<0.0500	<20.0	54.3	109	54.3	163	141
BH05	05/08/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	141
BH06*	05/08/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	41.4
BH06*	05/08/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	41.9
BH06*	05/08/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	41.9
BH06*	05/08/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	119
BH06	05/08/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	292
BH07*	05/08/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	42.0
BH07*	05/08/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	45.3
BH07*	05/08/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	44.3
BH07*	05/08/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	118
BH07	05/08/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	108
BH08*	05/08/2025	0.5	<0.0250	<0.0500	<20.0	34.4	<50.0	34.4	34.4	124
BH08*	05/08/2025	1	<0.0250	<0.0500	<20.0	39.5	50.2	39.5	89.7	140
BH08*	05/08/2025	2	<0.0250	<0.0500	<20.0	37.3	<50.0	37.3	37.3	102
BH08*	05/08/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	301
BH08	05/08/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	161



Table 1
SOIL SAMPLE ANALYTICAL RESULTS
 Crownquest Operating, LLC
 AN AT BG Battery
 Lea 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)	DRO+GRO (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	1,000	2,500	10,000
BH09*	05/09/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH09*	05/09/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH09*	05/09/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH09*	05/09/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH09	05/09/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH10*	05/09/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	58.0
BH10*	05/09/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	53.0
BH10*	05/09/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	57.5
BH10*	05/09/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH10	05/09/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	52.0
BH11*	05/09/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH11*	05/09/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH11*	05/09/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	202
BH11*	05/09/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	125
BH11	05/09/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	80.4
BH12*	05/09/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	215
BH12*	05/09/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH12*	05/09/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	32.1
BH12*	05/09/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	43.7
BH12	05/09/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	41.9
BH13*	05/09/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	202
BH13*	05/09/2025	1	<0.0250	<0.0500	<20.0	196	93.8	196	290	<20.0
BH13*	05/09/2025	2	<0.0250	<0.0500	<20.0	221	118	221	339	<20.0
BH13*	05/09/2025	3	<0.0250	<0.0500	<20.0	234	129	234	363	<20.0
BH13	05/09/2025	4	<0.0250	<0.0500	<20.0	239	126	239	365	<20.0



Table 1
SOIL SAMPLE ANALYTICAL RESULTS
Crownquest Operating, LLC
AN AT BG Battery
Lea 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)	DRO+GRO (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	1,000	2,500	10,000
SS01*	07/10/2025	0-0.25	Not Analyzed	Not Analyzed	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS02*	07/10/2025	0-0.25	Not Analyzed	Not Analyzed	<20.0	37.3	79.0	37.3	116	64.0
SS03*	08/22/2025	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0

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
 NMOCD: New Mexico Oil Conservation Division
 NMAC: New Mexico Administrative Code
 Text in "grey" represents excavated soil samples
 Concentrations in **bold** exceed the NMOCD Table I Closure Criteria and/or Reclamation Standard¹ 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. NA - Not Analyzed

APPENDIX I

Laboratory Analytical Reports & Chain-of-Custody Documentation

Report to:
Sean Carter



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Crown Quest Operating

Project Name: NM AN 7

Work Order: E505121

Job Number: 23077-0001

Received: 5/12/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/16/25

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: 5/16/25

Sean Carter
PO 2221
Farmington, NM 87499

Project Name: NM AN 7
Workorder: E505121
Date Received: 5/12/2025 8:30:00AM

Sean Carter,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/12/2025 8:30:00AM, under the Project Name: NM AN 7.

The analytical test results summarized in this report with the Project Name: NM AN 7 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
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Sample Summary

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NMAN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 05/16/25 13:50
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH01 0.5'	E505121-01A	Soil	05/07/25	05/12/25	Glass Jar, 2 oz.
BH01 1'	E505121-02A	Soil	05/07/25	05/12/25	Glass Jar, 2 oz.
BH01 2'	E505121-03A	Soil	05/07/25	05/12/25	Glass Jar, 2 oz.
BH01 3'	E505121-04A	Soil	05/07/25	05/12/25	Glass Jar, 2 oz.
BH01 4'	E505121-05A	Soil	05/07/25	05/12/25	Glass Jar, 2 oz.



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 1:50:27PM
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BH01 0.5'
E505121-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: BA		Batch: 2520009
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		105 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: BA		Batch: 2520009
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.2 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: NV		Batch: 2520030
Diesel Range Organics (C10-C28)	135	25.0	1	05/13/25	05/14/25	T17
Oil Range Organics (C28-C36)	105	50.0	1	05/13/25	05/14/25	
<i>Surrogate: n-Nonane</i>		105 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: RAS		Batch: 2520074
Chloride	5610	100	5	05/14/25	05/14/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 1:50:27PM
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BH01 1'

E505121-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2520009
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2520009
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.8 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2520030
Diesel Range Organics (C10-C28)	38.4	25.0	1	05/13/25	05/14/25	T17
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/14/25	
<i>Surrogate: n-Nonane</i>		112 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2520074
Chloride	1460	20.0	1	05/14/25	05/14/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 1:50:27PM
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BH01 2'

E505121-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2520009
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		105 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2520009
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.3 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2520030
Diesel Range Organics (C10-C28)	64.5	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	89.6	50.0	1	05/13/25	05/14/25	
<i>Surrogate: n-Nonane</i>		107 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2520074
Chloride	968	20.0	1	05/14/25	05/14/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 1:50:27PM
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BH01 3'

E505121-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2520009
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		105 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2520009
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.2 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2520030
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/14/25	
<i>Surrogate: n-Nonane</i>		106 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2520074
Chloride	972	20.0	1	05/14/25	05/14/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 1:50:27PM
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BH01 4'

E505121-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2520009
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2520009
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.7 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2520030
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/14/25	
<i>Surrogate: n-Nonane</i>		106 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2520074
Chloride	962	20.0	1	05/14/25	05/14/25	



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 1:50:27PM
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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 (2520009-BLK1)

Prepared: 05/12/25 Analyzed: 05/14/25

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	8.36		8.00		105	70-130			

LCS (2520009-BS1)

Prepared: 05/12/25 Analyzed: 05/14/25

Benzene	5.68	0.0250	5.00		114	70-130			
Ethylbenzene	5.63	0.0250	5.00		113	70-130			
Toluene	5.67	0.0250	5.00		113	70-130			
o-Xylene	5.54	0.0250	5.00		111	70-130			
p,m-Xylene	11.3	0.0500	10.0		113	70-130			
Total Xylenes	16.9	0.0250	15.0		112	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.27		8.00		103	70-130			

Matrix Spike (2520009-MS1)

Source: E505122-04

Prepared: 05/12/25 Analyzed: 05/14/25

Benzene	5.92	0.0250	5.00	ND	118	70-130			
Ethylbenzene	5.82	0.0250	5.00	ND	116	70-130			
Toluene	5.89	0.0250	5.00	ND	118	70-130			
o-Xylene	5.73	0.0250	5.00	ND	115	70-130			
p,m-Xylene	11.7	0.0500	10.0	ND	117	70-130			
Total Xylenes	17.4	0.0250	15.0	ND	116	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.40		8.00		105	70-130			

Matrix Spike Dup (2520009-MSD1)

Source: E505122-04

Prepared: 05/12/25 Analyzed: 05/14/25

Benzene	5.21	0.0250	5.00	ND	104	70-130	12.7	27	
Ethylbenzene	5.15	0.0250	5.00	ND	103	70-130	12.2	26	
Toluene	5.20	0.0250	5.00	ND	104	70-130	12.5	20	
o-Xylene	5.05	0.0250	5.00	ND	101	70-130	12.4	25	
p,m-Xylene	10.4	0.0500	10.0	ND	104	70-130	11.8	23	
Total Xylenes	15.4	0.0250	15.0	ND	103	70-130	12.0	26	
Surrogate: 4-Bromochlorobenzene-PID	8.43		8.00		105	70-130			



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 1:50:27PM
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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 (2520009-BLK1)

Prepared: 05/12/25 Analyzed: 05/14/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.57		8.00		94.6	70-130			

LCS (2520009-BS2)

Prepared: 05/12/25 Analyzed: 05/14/25

Gasoline Range Organics (C6-C10)	43.0	20.0	50.0		86.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		8.00		94.3	70-130			

Matrix Spike (2520009-MS2)

Source: E505122-04

Prepared: 05/12/25 Analyzed: 05/14/25

Gasoline Range Organics (C6-C10)	41.8	20.0	50.0	ND	83.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.52		8.00		94.1	70-130			

Matrix Spike Dup (2520009-MSD2)

Source: E505122-04

Prepared: 05/12/25 Analyzed: 05/14/25

Gasoline Range Organics (C6-C10)	45.8	20.0	50.0	ND	91.5	70-130	9.06	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.53		8.00		94.1	70-130			



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 1:50:27PM
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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 (2520030-BLK1)

Prepared: 05/13/25 Analyzed: 05/14/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	66.0		50.0		132	61-141			

LCS (2520030-BS1)

Prepared: 05/13/25 Analyzed: 05/14/25

Diesel Range Organics (C10-C28)	298	25.0	250		119	66-144			
Surrogate: <i>n</i> -Nonane	52.6		50.0		105	61-141			

Matrix Spike (2520030-MS1)

Source: E505125-04

Prepared: 05/13/25 Analyzed: 05/14/25

Diesel Range Organics (C10-C28)	304	25.0	250	ND	122	56-156			
Surrogate: <i>n</i> -Nonane	56.3		50.0		113	61-141			

Matrix Spike Dup (2520030-MSD1)

Source: E505125-04

Prepared: 05/13/25 Analyzed: 05/14/25

Diesel Range Organics (C10-C28)	326	25.0	250	ND	131	56-156	7.10	20	
Surrogate: <i>n</i> -Nonane	60.2		50.0		120	61-141			



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 1:50:27PM
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Anions by EPA 300.0/9056A

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 (2520074-BLK1)

Prepared: 05/14/25 Analyzed: 05/14/25

Chloride	ND	20.0							
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LCS (2520074-BS1)

Prepared: 05/14/25 Analyzed: 05/14/25

Chloride	253	20.0	250		101	90-110			
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Matrix Spike (2520074-MS1)

Source: E505121-05

Prepared: 05/14/25 Analyzed: 05/14/25

Chloride	1180	20.0	250	962	85.3	80-120			
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Matrix Spike Dup (2520074-MSD1)

Source: E505121-05

Prepared: 05/14/25 Analyzed: 05/14/25

Chloride	1240	20.0	250	962	110	80-120	5.06	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

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NMAN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 05/16/25 13:50
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T17 The sample chromatographic pattern does not resemble the typical fuel standard used for quantitation.

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: Crownquest Operating, LLC				Company: Etech Environmental & Safety Solutions				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project: NM AN 7				Address: 13000 W County Rd 100				ES05121		23077-0001					x				
Project Manager: Sean Carter				City, State, Zip: Odessa, TX, 79765															
Address: 13000 W County Rd 100				Phone: 432-305-6413															
City, State, Zip: Odessa, TX, 79765				Email: ap@etechnv.com															
Phone: 432-305-6413				Miscellaneous: WO;; PN: 20468; IN:															
Email: NMTXGeoGroup@etechnv.com				NTO1418937492															

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		
9:00	5/7/2025	S	1	BH01	0.5'	1								X						
9:20	5/7/2025	S	1	BH01	1'	2								X						
9:40	5/7/2025	S	1	BH01	2'	3								X						
10:00	5/7/2025	S	1	BH01	3'	4								X						
10:20	5/7/2025	S	1	BH01	4'	5								X						
<i>05/09/2025</i>																				

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: Edyte Konan										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: 0/N													
<i>[Signature]</i>	05/09/25	12:10	Michelle Gonzales	5-9-25	1410														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
Michelle Gonzales	5-9-25	1620	[Signature]	5-9-25	1620														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
[Signature]	5-9-25	2215	Noe Soto	5-12-25	0830														
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: 5/12/2025 1:52:42PM

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: Crown Quest Operating Date Received: 05/12/25 08:30 Work Order ID: E505121
Phone: (505) 609-3819 Date Logged In: 05/09/25 15:57 Logged In By: Caitlin Mars
Email: nmtxgroup@etechnv.com Due Date: 05/16/25 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.

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

Empty box for client instruction.

Comments/Resolution

Large empty box for comments/resolution.

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

Date



envirotech Inc.

Report to:
Sean Carter



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Crown Quest Operating

Project Name: NM AN 7

Work Order: E505122

Job Number: 23077-0001

Received: 5/12/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/16/25

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: 5/16/25

Sean Carter
PO 2221
Farmington, NM 87499

Project Name: NM AN 7
Workorder: E505122
Date Received: 5/12/2025 8:30:00AM

Sean Carter,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/12/2025 8:30:00AM, under the Project Name: NM AN 7.

The analytical test results summarized in this report with the Project Name: NM AN 7 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
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Sample Summary

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NMAN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 05/16/25 13:51
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH01 5'	E505122-01A	Soil	05/07/25	05/12/25	Glass Jar, 2 oz.
BH01 10'	E505122-02A	Soil	05/07/25	05/12/25	Glass Jar, 2 oz.
BH01 15'	E505122-03A	Soil	05/07/25	05/12/25	Glass Jar, 2 oz.
BH01 20'	E505122-04A	Soil	05/07/25	05/12/25	Glass Jar, 2 oz.



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 1:51:56PM
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BH01 5'
E505122-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: BA		Batch: 2520009
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: BA		Batch: 2520009
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.5 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: NV		Batch: 2520022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/12/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/25	05/14/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	05/12/25	05/14/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: IY		Batch: 2520051
Chloride	982	20.0	1	05/13/25	05/13/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 1:51:56PM
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BH01 10'

E505122-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2520009
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		105 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2520009
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.2 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2520022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/12/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/25	05/14/25	
<i>Surrogate: n-Nonane</i>		97.3 %	61-141	05/12/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2520051
Chloride	957	20.0	1	05/13/25	05/13/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 1:51:56PM
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BH01 15'
E505122-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2520009
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2520009
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.2 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2520022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/12/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/25	05/14/25	
<i>Surrogate: n-Nonane</i>		95.9 %	61-141	05/12/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2520051
Chloride	538	20.0	1	05/13/25	05/13/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 1:51:56PM
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BH01 20'

E505122-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2520009
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2520009
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.8 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2520022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/12/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/25	05/14/25	
<i>Surrogate: n-Nonane</i>		104 %	61-141	05/12/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2520051
Chloride	251	20.0	1	05/13/25	05/13/25	



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 1:51:56PM
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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 (2520009-BLK1)

Prepared: 05/12/25 Analyzed: 05/14/25

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	8.36		8.00		105	70-130			

LCS (2520009-BS1)

Prepared: 05/12/25 Analyzed: 05/14/25

Benzene	5.68	0.0250	5.00		114	70-130			
Ethylbenzene	5.63	0.0250	5.00		113	70-130			
Toluene	5.67	0.0250	5.00		113	70-130			
o-Xylene	5.54	0.0250	5.00		111	70-130			
p,m-Xylene	11.3	0.0500	10.0		113	70-130			
Total Xylenes	16.9	0.0250	15.0		112	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.27		8.00		103	70-130			

Matrix Spike (2520009-MS1)

Source: E505122-04

Prepared: 05/12/25 Analyzed: 05/14/25

Benzene	5.92	0.0250	5.00	ND	118	70-130			
Ethylbenzene	5.82	0.0250	5.00	ND	116	70-130			
Toluene	5.89	0.0250	5.00	ND	118	70-130			
o-Xylene	5.73	0.0250	5.00	ND	115	70-130			
p,m-Xylene	11.7	0.0500	10.0	ND	117	70-130			
Total Xylenes	17.4	0.0250	15.0	ND	116	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.40		8.00		105	70-130			

Matrix Spike Dup (2520009-MSD1)

Source: E505122-04

Prepared: 05/12/25 Analyzed: 05/14/25

Benzene	5.21	0.0250	5.00	ND	104	70-130	12.7	27	
Ethylbenzene	5.15	0.0250	5.00	ND	103	70-130	12.2	26	
Toluene	5.20	0.0250	5.00	ND	104	70-130	12.5	20	
o-Xylene	5.05	0.0250	5.00	ND	101	70-130	12.4	25	
p,m-Xylene	10.4	0.0500	10.0	ND	104	70-130	11.8	23	
Total Xylenes	15.4	0.0250	15.0	ND	103	70-130	12.0	26	
Surrogate: 4-Bromochlorobenzene-PID	8.43		8.00		105	70-130			



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 1:51:56PM
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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 (2520009-BLK1)

Prepared: 05/12/25 Analyzed: 05/14/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.57		8.00		94.6	70-130			

LCS (2520009-BS2)

Prepared: 05/12/25 Analyzed: 05/14/25

Gasoline Range Organics (C6-C10)	43.0	20.0	50.0		86.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		8.00		94.3	70-130			

Matrix Spike (2520009-MS2)

Source: E505122-04

Prepared: 05/12/25 Analyzed: 05/14/25

Gasoline Range Organics (C6-C10)	41.8	20.0	50.0	ND	83.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.52		8.00		94.1	70-130			

Matrix Spike Dup (2520009-MSD2)

Source: E505122-04

Prepared: 05/12/25 Analyzed: 05/14/25

Gasoline Range Organics (C6-C10)	45.8	20.0	50.0	ND	91.5	70-130	9.06	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.53		8.00		94.1	70-130			



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 1:51:56PM
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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 (2520022-BLK1)

Prepared: 05/12/25 Analyzed: 05/13/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	50.6		50.0		101	61-141			

LCS (2520022-BS1)

Prepared: 05/12/25 Analyzed: 05/13/25

Diesel Range Organics (C10-C28)	272	25.0	250		109	66-144			
Surrogate: <i>n</i> -Nonane	49.3		50.0		98.5	61-141			

Matrix Spike (2520022-MS1)

Source: E505122-02

Prepared: 05/12/25 Analyzed: 05/13/25

Diesel Range Organics (C10-C28)	279	25.0	250	ND	111	56-156			
Surrogate: <i>n</i> -Nonane	50.0		50.0		100	61-141			

Matrix Spike Dup (2520022-MSD1)

Source: E505122-02

Prepared: 05/12/25 Analyzed: 05/13/25

Diesel Range Organics (C10-C28)	283	25.0	250	ND	113	56-156	1.46	20	
Surrogate: <i>n</i> -Nonane	51.0		50.0		102	61-141			



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 1:51:56PM
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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 (2520051-BLK1)

Prepared: 05/13/25 Analyzed: 05/13/25

Chloride ND 20.0

LCS (2520051-BS1)

Prepared: 05/13/25 Analyzed: 05/13/25

Chloride 255 20.0 250 102 90-110

Matrix Spike (2520051-MS1)

Source: E505108-08

Prepared: 05/13/25 Analyzed: 05/13/25

Chloride 609 20.0 250 356 101 80-120

Matrix Spike Dup (2520051-MSD1)

Source: E505108-08

Prepared: 05/13/25 Analyzed: 05/13/25

Chloride 612 20.0 250 356 102 80-120 0.412 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

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NMAN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 05/16/25 13:51
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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: Crownquest Operating, LLC				Company: Etech Environmental & Safety Solutions				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project: NM AN 7				Address: 13000 W County Rd 100				E506122		23077-0001					x				
Project Manager: Sean Carter				City, State, Zip: Odessa, TX, 79765															
Address: 13000 W County Rd 100				Phone: 432-305-6413															
City, State, Zip: Odessa, TX, 79765				Email: ap@etechenv.com															
Phone: 432-305-6413				Miscellaneous: WO:; PN: 20468; IN:															
Email: NMTXGeoGroup@etechenv.com				NTO1418937492															
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	TEEQ 1005 - TX	RCRA 8 Metals	BGDOC - HM	BGDOC - TX	SDWA	CWA	RCRA	
10:40	5/7/2025	S	1	BH01	5'	1								X					
11:00	5/7/2025	S	1	BH01	10'	2								X					
11:20	5/7/2025	S	1	BH01	15'	3								X					
11:40	5/7/2025	S	1	BH01	20'	4								X					
														X					
05/09/2025																			
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: Edyte Konan																			
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>		05/09/25		14:10		Michelle Gonzales		5-9-25		1410									
Michelle Gonzales		5-9-25		1620		<i>[Signature]</i>		5-9-25		1620									
<i>[Signature]</i>		5-9-25		2215		Noel Soto		5-12-25		0830									
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:							
												Y/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: 5/12/2025 1:54:03PM

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: Crown Quest Operating Date Received: 05/12/25 08:30 Work Order ID: E505122
Phone: (505) 609-3819 Date Logged In: 05/09/25 16:00 Logged In By: Caitlin Mars
Email: nmtxgroup@etechnv.com Due Date: 05/16/25 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.

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

Empty box for client instruction.

Comments/Resolution

Large empty box for comments/resolution.

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

Date



envirotech Inc.

Report to:
Sean Carter



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Crown Quest Operating

Project Name: NM AN 7

Work Order: E505123

Job Number: 23077-0001

Received: 5/12/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/16/25

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: 5/16/25

Sean Carter
PO 2221
Farmington, NM 87499

Project Name: NM AN 7
Workorder: E505123
Date Received: 5/12/2025 8:30:00AM

Sean Carter,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/12/2025 8:30:00AM, under the Project Name: NM AN 7.

The analytical test results summarized in this report with the Project Name: NM AN 7 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

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NMAN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 05/16/25 14:24
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH02 0.5'	E505123-01A	Soil	05/07/25	05/12/25	Glass Jar, 2 oz.
BH02 1'	E505123-02A	Soil	05/07/25	05/12/25	Glass Jar, 2 oz.
BH02 2'	E505123-03A	Soil	05/07/25	05/12/25	Glass Jar, 2 oz.
BH02 3'	E505123-04A	Soil	05/07/25	05/12/25	Glass Jar, 2 oz.
BH02 4'	E505123-05A	Soil	05/07/25	05/12/25	Glass Jar, 2 oz.



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 2:24:42PM
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BH02 0.5'
E505123-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: BA		Batch: 2520009
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		105 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: BA		Batch: 2520009
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.1 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: NV		Batch: 2520123
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/16/25	
<i>Surrogate: n-Nonane</i>		116 %	61-141	05/13/25	05/16/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: RAS		Batch: 2520074
Chloride	62.8	20.0	1	05/14/25	05/14/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 2:24:42PM
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BH02 1'

E505123-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2520009
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2520009
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.6 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2520030
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/14/25	
<i>Surrogate: n-Nonane</i>		106 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2520074
Chloride	115	20.0	1	05/14/25	05/14/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 2:24:42PM
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BH02 2'

E505123-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2520009
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2520009
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.2 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2520030
Diesel Range Organics (C10-C28)	389	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	357	50.0	1	05/13/25	05/14/25	
<i>Surrogate: n-Nonane</i>						
		127 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2520074
Chloride	543	20.0	1	05/14/25	05/14/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 2:24:42PM
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BH02 3'

E505123-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2520009
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2520009
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.9 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2520030
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/14/25	
<i>Surrogate: n-Nonane</i>						
		108 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2520074
Chloride	43.6	20.0	1	05/14/25	05/14/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 2:24:42PM
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BH02 4'

E505123-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2520009
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2520009
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.2 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2520030
Diesel Range Organics (C10-C28)	91.9	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	86.4	50.0	1	05/13/25	05/14/25	
<i>Surrogate: n-Nonane</i>						
		113 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2520074
Chloride	52.4	20.0	1	05/14/25	05/14/25	



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 2:24:42PM
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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 (2520009-BLK1)

Prepared: 05/12/25 Analyzed: 05/14/25

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	8.36		8.00		105	70-130			

LCS (2520009-BS1)

Prepared: 05/12/25 Analyzed: 05/14/25

Benzene	5.68	0.0250	5.00		114	70-130			
Ethylbenzene	5.63	0.0250	5.00		113	70-130			
Toluene	5.67	0.0250	5.00		113	70-130			
o-Xylene	5.54	0.0250	5.00		111	70-130			
p,m-Xylene	11.3	0.0500	10.0		113	70-130			
Total Xylenes	16.9	0.0250	15.0		112	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.27		8.00		103	70-130			

Matrix Spike (2520009-MS1)

Source: E505122-04

Prepared: 05/12/25 Analyzed: 05/14/25

Benzene	5.92	0.0250	5.00	ND	118	70-130			
Ethylbenzene	5.82	0.0250	5.00	ND	116	70-130			
Toluene	5.89	0.0250	5.00	ND	118	70-130			
o-Xylene	5.73	0.0250	5.00	ND	115	70-130			
p,m-Xylene	11.7	0.0500	10.0	ND	117	70-130			
Total Xylenes	17.4	0.0250	15.0	ND	116	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.40		8.00		105	70-130			

Matrix Spike Dup (2520009-MSD1)

Source: E505122-04

Prepared: 05/12/25 Analyzed: 05/14/25

Benzene	5.21	0.0250	5.00	ND	104	70-130	12.7	27	
Ethylbenzene	5.15	0.0250	5.00	ND	103	70-130	12.2	26	
Toluene	5.20	0.0250	5.00	ND	104	70-130	12.5	20	
o-Xylene	5.05	0.0250	5.00	ND	101	70-130	12.4	25	
p,m-Xylene	10.4	0.0500	10.0	ND	104	70-130	11.8	23	
Total Xylenes	15.4	0.0250	15.0	ND	103	70-130	12.0	26	
Surrogate: 4-Bromochlorobenzene-PID	8.43		8.00		105	70-130			



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 2:24:42PM
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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 (2520009-BLK1)

Prepared: 05/12/25 Analyzed: 05/14/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.57		8.00		94.6	70-130			

LCS (2520009-BS2)

Prepared: 05/12/25 Analyzed: 05/14/25

Gasoline Range Organics (C6-C10)	43.0	20.0	50.0		86.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		8.00		94.3	70-130			

Matrix Spike (2520009-MS2)

Source: E505122-04

Prepared: 05/12/25 Analyzed: 05/14/25

Gasoline Range Organics (C6-C10)	41.8	20.0	50.0	ND	83.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.52		8.00		94.1	70-130			

Matrix Spike Dup (2520009-MSD2)

Source: E505122-04

Prepared: 05/12/25 Analyzed: 05/14/25

Gasoline Range Organics (C6-C10)	45.8	20.0	50.0	ND	91.5	70-130	9.06	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.53		8.00		94.1	70-130			



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 2:24:42PM
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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 (2520030-BLK1)

Prepared: 05/13/25 Analyzed: 05/14/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	66.0		50.0		132	61-141			

LCS (2520030-BS1)

Prepared: 05/13/25 Analyzed: 05/14/25

Diesel Range Organics (C10-C28)	298	25.0	250		119	66-144			
Surrogate: <i>n</i> -Nonane	52.6		50.0		105	61-141			

Matrix Spike (2520030-MS1)

Source: E505125-04

Prepared: 05/13/25 Analyzed: 05/14/25

Diesel Range Organics (C10-C28)	304	25.0	250	ND	122	56-156			
Surrogate: <i>n</i> -Nonane	56.3		50.0		113	61-141			

Matrix Spike Dup (2520030-MSD1)

Source: E505125-04

Prepared: 05/13/25 Analyzed: 05/14/25

Diesel Range Organics (C10-C28)	326	25.0	250	ND	131	56-156	7.10	20	
Surrogate: <i>n</i> -Nonane	60.2		50.0		120	61-141			



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 2:24:42PM
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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 (2520123-BLK1)

Prepared: 05/16/25 Analyzed: 05/16/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	57.7		50.0		115	61-141			

LCS (2520123-BS1)

Prepared: 05/16/25 Analyzed: 05/16/25

Diesel Range Organics (C10-C28)	286	25.0	250		114	66-144			
Surrogate: <i>n</i> -Nonane	53.7		50.0		107	61-141			

Matrix Spike (2520123-MS1)

Source: E505155-02RE1 Prepared: 05/16/25 Analyzed: 05/16/25

Diesel Range Organics (C10-C28)	1090	25.0	250	863	89.1	56-156			
Surrogate: <i>n</i> -Nonane	55.9		50.0		112	61-141			

Matrix Spike Dup (2520123-MSD1)

Source: E505155-02RE1 Prepared: 05/16/25 Analyzed: 05/16/25

Diesel Range Organics (C10-C28)	1320	25.0	250	863	182	56-156	19.3	20	M4
Surrogate: <i>n</i> -Nonane	56.1		50.0		112	61-141			



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 2:24:42PM
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Anions by EPA 300.0/9056A

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 (2520074-BLK1)

Prepared: 05/14/25 Analyzed: 05/14/25

Chloride	ND	20.0							
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LCS (2520074-BS1)

Prepared: 05/14/25 Analyzed: 05/14/25

Chloride	253	20.0	250		101	90-110			
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Matrix Spike (2520074-MS1)

Source: E505121-05

Prepared: 05/14/25 Analyzed: 05/14/25

Chloride	1180	20.0	250	962	85.3	80-120			
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Matrix Spike Dup (2520074-MSD1)

Source: E505121-05

Prepared: 05/14/25 Analyzed: 05/14/25

Chloride	1240	20.0	250	962	110	80-120	5.06	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

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 05/16/25 14:24
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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.



Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Crownquest Operating, LLC				Company: Etech Environmental & Safety Solutions				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project: NM AN 7				Address: 13000 W County Rd 100				ES05123		23077-0001					X				
Project Manager: Sean Carter				City, State, Zip: Odessa, TX, 79765															
Address: 13000 W County Rd 100				Phone: 432-305-6413															
City, State, Zip: Odessa, TX, 79765				Email: ap@etechnv.com															
Phone: 432-305-6413				Miscellaneous: WO;; PN: 20468; IN:															
Email: NMTXGeoGroup@etechnv.com				NTO1418937492															
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	TCCQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
12:00	5/7/2025	S	1	BH02	0.5'	1								X					
12:20	5/7/2025	S	1	BH02	1'	2								X					
12:40	5/7/2025	S	1	BH02	2'	3								X					
13:00	5/7/2025	S	1	BH02	3'	4								X					
13:20	5/7/2025	S	1	BH02	4'	5								X					
05/09/2025																			
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: Edyte Konan																			
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: N							
<i>[Signature]</i>		05/09/25		14:10		Michelle Gonzales		5-9-25		1410									
<i>[Signature]</i>		5-9-25		1620		<i>[Signature]</i>		5-9-25		1620									
<i>[Signature]</i>		5-9-25		2215		Noe Soto		5-12-25		0830									
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: 5/12/2025 1:56:27PM

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: Crown Quest Operating Date Received: 05/12/25 08:30 Work Order ID: E505123
Phone: (505) 609-3819 Date Logged In: 05/09/25 16:01 Logged In By: Caitlin Mars
Email: nmtxgroup@etechnv.com Due Date: 05/16/25 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.

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

Empty box for client instruction.

Comments/Resolution

Large empty box for comments/resolution.

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

Date



envirotech Inc.

Report to:
Sean Carter



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Crown Quest Operating

Project Name: NM AN 7

Work Order: E505124

Job Number: 23077-0001

Received: 5/12/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/16/25

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: 5/16/25

Sean Carter
PO 2221
Farmington, NM 87499

Project Name: NM AN 7
Workorder: E505124
Date Received: 5/12/2025 8:30:00AM

Sean Carter,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/12/2025 8:30:00AM, under the Project Name: NM AN 7.

The analytical test results summarized in this report with the Project Name: NM AN 7 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
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NMAN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 05/16/25 13:53
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH03 0.5'	E505124-01A	Soil	05/07/25	05/12/25	Glass Jar, 2 oz.
BH03 1'	E505124-02A	Soil	05/07/25	05/12/25	Glass Jar, 2 oz.
BH03 2'	E505124-03A	Soil	05/07/25	05/12/25	Glass Jar, 2 oz.
BH03 3'	E505124-04A	Soil	05/07/25	05/12/25	Glass Jar, 2 oz.
BH03 4'	E505124-05A	Soil	05/07/25	05/12/25	Glass Jar, 2 oz.



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 1:53:40PM
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BH03 0.5'
E505124-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: BA		Batch: 2520009
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: BA		Batch: 2520009
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.1 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: NV		Batch: 2520030
Diesel Range Organics (C10-C28)	1630	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	1050	50.0	1	05/13/25	05/14/25	
<i>Surrogate: n-Nonane</i>		135 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: JM		Batch: 2520081
Chloride	406	20.0	1	05/14/25	05/14/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 1:53:40PM
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BH03 1'

E505124-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2520009
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	0.0710	0.0500	1	05/12/25	05/14/25	
Total Xylenes	0.0710	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2520009
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.8 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2520030
Diesel Range Organics (C10-C28)	1180	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	549	50.0	1	05/13/25	05/14/25	
<i>Surrogate: n-Nonane</i>		113 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: JM		Batch: 2520081
Chloride	360	20.0	1	05/14/25	05/14/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 1:53:40PM
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BH03 2'

E505124-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2520009
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2520009
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.1 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2520030
Diesel Range Organics (C10-C28)	233	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	169	50.0	1	05/13/25	05/14/25	
<i>Surrogate: n-Nonane</i>		124 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: JM		Batch: 2520081
Chloride	402	20.0	1	05/14/25	05/14/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 1:53:40PM
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BH03 3'

E505124-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2520009
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	0.0688	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	0.0295	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	0.178	0.0500	1	05/12/25	05/14/25	
Total Xylenes	0.208	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2520009
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.1 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2520030
Diesel Range Organics (C10-C28)	5680	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	1860	50.0	1	05/13/25	05/14/25	
<i>Surrogate: n-Nonane</i>		136 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: JM		Batch: 2520081
Chloride	1090	20.0	1	05/14/25	05/14/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 1:53:40PM
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BH03 4'

E505124-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2520009
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	0.0762	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	0.0396	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	0.217	0.0500	1	05/12/25	05/14/25	
Total Xylenes	0.257	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2520009
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.6 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2520030
Diesel Range Organics (C10-C28)	5080	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	1600	50.0	1	05/13/25	05/14/25	
<i>Surrogate: n-Nonane</i>		136 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: JM		Batch: 2520081
Chloride	688	20.0	1	05/14/25	05/14/25	



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 1:53:40PM
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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 (2520009-BLK1)

Prepared: 05/12/25 Analyzed: 05/14/25

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	8.36		8.00		105	70-130			

LCS (2520009-BS1)

Prepared: 05/12/25 Analyzed: 05/14/25

Benzene	5.68	0.0250	5.00		114	70-130			
Ethylbenzene	5.63	0.0250	5.00		113	70-130			
Toluene	5.67	0.0250	5.00		113	70-130			
o-Xylene	5.54	0.0250	5.00		111	70-130			
p,m-Xylene	11.3	0.0500	10.0		113	70-130			
Total Xylenes	16.9	0.0250	15.0		112	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.27		8.00		103	70-130			

Matrix Spike (2520009-MS1)

Source: E505122-04

Prepared: 05/12/25 Analyzed: 05/14/25

Benzene	5.92	0.0250	5.00	ND	118	70-130			
Ethylbenzene	5.82	0.0250	5.00	ND	116	70-130			
Toluene	5.89	0.0250	5.00	ND	118	70-130			
o-Xylene	5.73	0.0250	5.00	ND	115	70-130			
p,m-Xylene	11.7	0.0500	10.0	ND	117	70-130			
Total Xylenes	17.4	0.0250	15.0	ND	116	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.40		8.00		105	70-130			

Matrix Spike Dup (2520009-MSD1)

Source: E505122-04

Prepared: 05/12/25 Analyzed: 05/14/25

Benzene	5.21	0.0250	5.00	ND	104	70-130	12.7	27	
Ethylbenzene	5.15	0.0250	5.00	ND	103	70-130	12.2	26	
Toluene	5.20	0.0250	5.00	ND	104	70-130	12.5	20	
o-Xylene	5.05	0.0250	5.00	ND	101	70-130	12.4	25	
p,m-Xylene	10.4	0.0500	10.0	ND	104	70-130	11.8	23	
Total Xylenes	15.4	0.0250	15.0	ND	103	70-130	12.0	26	
Surrogate: 4-Bromochlorobenzene-PID	8.43		8.00		105	70-130			



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 1:53:40PM
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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 (2520009-BLK1)

Prepared: 05/12/25 Analyzed: 05/14/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.57		8.00		94.6	70-130			

LCS (2520009-BS2)

Prepared: 05/12/25 Analyzed: 05/14/25

Gasoline Range Organics (C6-C10)	43.0	20.0	50.0		86.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		8.00		94.3	70-130			

Matrix Spike (2520009-MS2)

Source: E505122-04

Prepared: 05/12/25 Analyzed: 05/14/25

Gasoline Range Organics (C6-C10)	41.8	20.0	50.0	ND	83.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.52		8.00		94.1	70-130			

Matrix Spike Dup (2520009-MSD2)

Source: E505122-04

Prepared: 05/12/25 Analyzed: 05/14/25

Gasoline Range Organics (C6-C10)	45.8	20.0	50.0	ND	91.5	70-130	9.06	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.53		8.00		94.1	70-130			



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 1:53:40PM
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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 (2520030-BLK1)

Prepared: 05/13/25 Analyzed: 05/14/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	66.0		50.0		132	61-141			

LCS (2520030-BS1)

Prepared: 05/13/25 Analyzed: 05/14/25

Diesel Range Organics (C10-C28)	298	25.0	250		119	66-144			
Surrogate: <i>n</i> -Nonane	52.6		50.0		105	61-141			

Matrix Spike (2520030-MS1)

Source: E505125-04

Prepared: 05/13/25 Analyzed: 05/14/25

Diesel Range Organics (C10-C28)	304	25.0	250	ND	122	56-156			
Surrogate: <i>n</i> -Nonane	56.3		50.0		113	61-141			

Matrix Spike Dup (2520030-MSD1)

Source: E505125-04

Prepared: 05/13/25 Analyzed: 05/14/25

Diesel Range Organics (C10-C28)	326	25.0	250	ND	131	56-156	7.10	20	
Surrogate: <i>n</i> -Nonane	60.2		50.0		120	61-141			



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 1:53:40PM
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Anions by EPA 300.0/9056A

Analyst: JM

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 (2520081-BLK1)

Prepared: 05/14/25 Analyzed: 05/14/25

Chloride	ND	20.0							
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LCS (2520081-BS1)

Prepared: 05/14/25 Analyzed: 05/14/25

Chloride	254	20.0	250		102	90-110			
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Matrix Spike (2520081-MS1)

Source: E505124-04

Prepared: 05/14/25 Analyzed: 05/14/25

Chloride	1390	20.0	250	1090	119	80-120			
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Matrix Spike Dup (2520081-MSD1)

Source: E505124-04

Prepared: 05/14/25 Analyzed: 05/14/25

Chloride	1340	20.0	250	1090	101	80-120	3.32	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

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NMAN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 05/16/25 13:53
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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: Crownquest Operating, LLC				Company: Etech Environmental & Safety Solutions				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project: NM AN 7				Address: 13000 W County Rd 100				E505124		23077-000					x				
Project Manager: Sean Carter				City, State, Zip: Odessa, TX, 79765															
Address: 13000 W County Rd 100				Phone: 432-305-6413															
City, State, Zip: Odessa, TX, 79765				Email: ap@etechenv.com															
Phone: 432-305-6413				Miscellaneous: WO;; PN: 20468; IN:															
Email: NMTXGeoGroup@etechenv.com				NTO1418937492															
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	
13:40	5/7/2025	S	1	BH03	0.5'	1								X					
14:00	5/7/2025	S	1	BH03	1'	2								X					
14:20	5/7/2025	S	1	BH03	2'	3								X					
14:40	5/7/2025	S	1	BH03	3'	4								X					
15:00	5/7/2025	S	1	BH03	4'	5								X					
05/09/2025																			
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: Edyte Konan																			
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="radio"/> Y <input type="radio"/> N							
<i>[Signature]</i>		05/09/25		14:10		<i>Michelle Gonzales</i>		5.9.25		1410									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
<i>Michelle Gonzales</i>		5.9.25		1620		<i>[Signature]</i>		5.9.25		1620									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
<i>[Signature]</i>		5.9.25		2215		<i>Na Soth</i>		5.12.25		0830									
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: 5/12/2025 1:57:46PM

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: Crown Quest Operating Date Received: 05/12/25 08:30 Work Order ID: E505124
Phone: (505) 609-3819 Date Logged In: 05/09/25 16:03 Logged In By: Caitlin Mars
Email: nmtxgroup@etechnv.com Due Date: 05/16/25 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.

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

Empty box for client instruction.

Comments/Resolution

Large empty box for comments/resolution.

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

Date



envirotech Inc.

Report to:
Sean Carter



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Crown Quest Operating

Project Name: NM AN 7

Work Order: E505125

Job Number: 23077-0001

Received: 5/12/2025

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/16/25

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: 5/16/25

Sean Carter
PO 2221
Farmington, NM 87499

Project Name: NM AN 7
Workorder: E505125
Date Received: 5/12/2025 8:30:00AM

Sean Carter,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/12/2025 8:30:00AM, under the Project Name: NM AN 7.

The analytical test results summarized in this report with the Project Name: NM AN 7 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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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NMAN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 05/16/25 15:09
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH03 5'	E505125-01A	Soil	05/07/25	05/12/25	Glass Jar, 2 oz.
BH03 10'	E505125-02A	Soil	05/07/25	05/12/25	Glass Jar, 2 oz.
BH03 15'	E505125-03A	Soil	05/07/25	05/12/25	Glass Jar, 2 oz.
BH03 20'	E505125-04A	Soil	05/07/25	05/12/25	Glass Jar, 2 oz.



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 3:09:36PM
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BH03 5'
E505125-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2520011
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	0.0337	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	0.0277	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	0.0726	0.0500	1	05/12/25	05/14/25	
Total Xylenes	0.100	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2520011
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		109 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2520030
Diesel Range Organics (C10-C28)	1050	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	443	50.0	1	05/13/25	05/14/25	
<i>Surrogate: n-Nonane</i>						
		108 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2520074
Chloride	656	20.0	1	05/14/25	05/14/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 3:09:36PM
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BH03 10'

E505125-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2520011
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		99.5 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2520011
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		111 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2520030
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/15/25	
<i>Surrogate: n-Nonane</i>						
		110 %	61-141	05/13/25	05/15/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2520074
Chloride	2120	40.0	2	05/14/25	05/14/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 3:09:36PM
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BH03 15'

E505125-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2520011
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2520011
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		109 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2520030
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/14/25	
<i>Surrogate: n-Nonane</i>		117 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2520074
Chloride	1950	40.0	2	05/14/25	05/14/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 3:09:36PM
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BH03 20'

E505125-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2520011
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.1 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2520011
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		105 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2520030
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/14/25	
<i>Surrogate: n-Nonane</i>		115 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2520074
Chloride	1690	20.0	1	05/14/25	05/15/25	



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 3:09:36PM
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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 (2520011-BLK1)

Prepared: 05/12/25 Analyzed: 05/14/25

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	8.00		8.00		100	70-130			

LCS (2520011-BS1)

Prepared: 05/12/25 Analyzed: 05/14/25

Benzene	4.75	0.0250	5.00		95.1	70-130			
Ethylbenzene	4.81	0.0250	5.00		96.2	70-130			
Toluene	4.78	0.0250	5.00		95.6	70-130			
o-Xylene	4.76	0.0250	5.00		95.1	70-130			
p,m-Xylene	9.75	0.0500	10.0		97.5	70-130			
Total Xylenes	14.5	0.0250	15.0		96.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.79		8.00		97.4	70-130			

Matrix Spike (2520011-MS1)

Source: E505125-02

Prepared: 05/12/25 Analyzed: 05/14/25

Benzene	4.22	0.0250	5.00	ND	84.4	70-130			
Ethylbenzene	4.27	0.0250	5.00	ND	85.5	70-130			
Toluene	4.24	0.0250	5.00	ND	84.8	70-130			
o-Xylene	4.25	0.0250	5.00	ND	84.9	70-130			
p,m-Xylene	8.67	0.0500	10.0	ND	86.7	70-130			
Total Xylenes	12.9	0.0250	15.0	ND	86.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.86		8.00		98.3	70-130			

Matrix Spike Dup (2520011-MSD1)

Source: E505125-02

Prepared: 05/12/25 Analyzed: 05/14/25

Benzene	4.15	0.0250	5.00	ND	83.0	70-130	1.69	27	
Ethylbenzene	4.23	0.0250	5.00	ND	84.6	70-130	1.04	26	
Toluene	4.18	0.0250	5.00	ND	83.6	70-130	1.36	20	
o-Xylene	4.19	0.0250	5.00	ND	83.8	70-130	1.29	25	
p,m-Xylene	8.58	0.0500	10.0	ND	85.8	70-130	1.03	23	
Total Xylenes	12.8	0.0250	15.0	ND	85.2	70-130	1.12	26	
Surrogate: 4-Bromochlorobenzene-PID	8.00		8.00		100	70-130			



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 3:09:36PM
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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 (2520011-BLK1)

Prepared: 05/12/25 Analyzed: 05/14/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.84		8.00		110	70-130			

LCS (2520011-BS2)

Prepared: 05/12/25 Analyzed: 05/15/25

Gasoline Range Organics (C6-C10)	49.4	20.0	50.0		98.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.72		8.00		109	70-130			

Matrix Spike (2520011-MS2)

Source: E505125-02

Prepared: 05/12/25 Analyzed: 05/14/25

Gasoline Range Organics (C6-C10)	44.4	20.0	50.0	ND	88.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.49		8.00		106	70-130			

Matrix Spike Dup (2520011-MSD2)

Source: E505125-02

Prepared: 05/12/25 Analyzed: 05/14/25

Gasoline Range Organics (C6-C10)	45.0	20.0	50.0	ND	90.0	70-130	1.29	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.86		8.00		111	70-130			



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 3:09:36PM
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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 (2520030-BLK1)

Prepared: 05/13/25 Analyzed: 05/14/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	66.0		50.0		132	61-141			

LCS (2520030-BS1)

Prepared: 05/13/25 Analyzed: 05/14/25

Diesel Range Organics (C10-C28)	298	25.0	250		119	66-144			
Surrogate: <i>n</i> -Nonane	52.6		50.0		105	61-141			

Matrix Spike (2520030-MS1)

Source: E505125-04

Prepared: 05/13/25 Analyzed: 05/14/25

Diesel Range Organics (C10-C28)	304	25.0	250	ND	122	56-156			
Surrogate: <i>n</i> -Nonane	56.3		50.0		113	61-141			

Matrix Spike Dup (2520030-MSD1)

Source: E505125-04

Prepared: 05/13/25 Analyzed: 05/14/25

Diesel Range Organics (C10-C28)	326	25.0	250	ND	131	56-156	7.10	20	
Surrogate: <i>n</i> -Nonane	60.2		50.0		120	61-141			



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 3:09:36PM
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Anions by EPA 300.0/9056A

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 (2520074-BLK1)

Prepared: 05/14/25 Analyzed: 05/14/25

Chloride	ND	20.0							
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LCS (2520074-BS1)

Prepared: 05/14/25 Analyzed: 05/14/25

Chloride	253	20.0	250		101	90-110			
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Matrix Spike (2520074-MS1)

Source: E505121-05

Prepared: 05/14/25 Analyzed: 05/14/25

Chloride	1180	20.0	250	962	85.3	80-120			
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Matrix Spike Dup (2520074-MSD1)

Source: E505121-05

Prepared: 05/14/25 Analyzed: 05/14/25

Chloride	1240	20.0	250	962	110	80-120	5.06	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

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NMAN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 05/16/25 15:09
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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.



Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Crownquest Operating, LLC				Company: Etech Environmental & Safety Solutions				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project: NM AN 7				Address: 13000 W County Rd 100				ES05125		23077-0001					x				
Project Manager: Sean Carter				City, State, Zip: Odessa, TX, 79765															
Address: 13000 W County Rd 100				Phone: 432-305-6413															
City, State, Zip: Odessa, TX, 79765				Email: ap@etechnv.com															
Phone: 432-305-6413				Miscellaneous: WO;; PN: 20468; IN:															
Email: NMTXGeoGroup@etechnv.com				NTO1418937492															
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	
15:20	5/7/2025	S	1	BH03	5'	1								X					
15:40	5/7/2025	S	1	BH03	10'	2								X					
16:00	5/7/2025	S	1	BH03	15'	3								X					
16:20	5/7/2025	S	1	BH03	20'	4								X					
														X					4.2 CM
05/09/2025																			
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: Edyte Konan																			
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="radio"/> N							
		05/09/25		14:10		Michelle Gonzales		5.9.25		1410									
Michelle Gonzales		5.9.25		1620		L.H. Jr.		5.9.25		1620									
		5.9.25		2215		Noe Soto		5.12.25		0830									
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: 5/12/2025 2:03:30PM

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: Crown Quest Operating Date Received: 05/12/25 08:30 Work Order ID: E505125
Phone: (505) 609-3819 Date Logged In: 05/09/25 16:04 Logged In By: Caitlin Mars
Email: nmtxgroup@etechnv.com Due Date: 05/16/25 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.

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

Empty box for client instruction.

Comments/Resolution

Large empty box for comments/resolution.

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

Date



envirotech Inc.

Report to:
Sean Carter



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Crown Quest Operating

Project Name: NM AN 7

Work Order: E505126

Job Number: 23077-0001

Received: 5/12/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/16/25

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: 5/16/25

Sean Carter
PO 2221
Farmington, NM 87499

Project Name: NM AN 7
Workorder: E505126
Date Received: 5/12/2025 8:30:00AM

Sean Carter,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/12/2025 8:30:00AM, under the Project Name: NM AN 7.

The analytical test results summarized in this report with the Project Name: NM AN 7 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
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NMAN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 05/16/25 13:22
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH04 0.5'	E505126-01A	Soil	05/08/25	05/12/25	Glass Jar, 2 oz.
BH04 1'	E505126-02A	Soil	05/08/25	05/12/25	Glass Jar, 2 oz.
BH04 2'	E505126-03A	Soil	05/08/25	05/12/25	Glass Jar, 2 oz.
BH04 3'	E505126-04A	Soil	05/08/25	05/12/25	Glass Jar, 2 oz.
BH04 4'	E505126-05A	Soil	05/08/25	05/12/25	Glass Jar, 2 oz.



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 1:22:24PM
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BH04 0.5'
E505126-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2520011
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		99.9 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2520011
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		109 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2520031
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/14/25	
<i>Surrogate: n-Nonane</i>						
		98.1 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2520081
Chloride	291	20.0	1	05/14/25	05/14/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 1:22:24PM
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BH04 1'

E505126-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2520011
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.6 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2520011
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		108 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2520031
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/14/25	
<i>Surrogate: n-Nonane</i>		99.6 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: JM		Batch: 2520081
Chloride	278	20.0	1	05/14/25	05/14/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 1:22:24PM
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BH04 2'

E505126-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2520011
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.5 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2520011
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		110 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2520031
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/14/25	
<i>Surrogate: n-Nonane</i>		90.2 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: JM		Batch: 2520081
Chloride	204	20.0	1	05/14/25	05/14/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 1:22:24PM
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BH04 3'

E505126-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2520011
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.9 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2520011
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		111 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2520031
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/14/25	
<i>Surrogate: n-Nonane</i>		100 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: JM		Batch: 2520081
Chloride	173	20.0	1	05/14/25	05/14/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 1:22:24PM
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BH04 4'

E505126-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2520011
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.6 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2520011
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		112 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2520031
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/14/25	
<i>Surrogate: n-Nonane</i>		98.7 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: JM		Batch: 2520081
Chloride	194	20.0	1	05/14/25	05/14/25	



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 1:22:24PM
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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 (2520011-BLK1)

Prepared: 05/12/25 Analyzed: 05/14/25

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	8.00		8.00		100	70-130			

LCS (2520011-BS1)

Prepared: 05/12/25 Analyzed: 05/14/25

Benzene	4.75	0.0250	5.00		95.1	70-130			
Ethylbenzene	4.81	0.0250	5.00		96.2	70-130			
Toluene	4.78	0.0250	5.00		95.6	70-130			
o-Xylene	4.76	0.0250	5.00		95.1	70-130			
p,m-Xylene	9.75	0.0500	10.0		97.5	70-130			
Total Xylenes	14.5	0.0250	15.0		96.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.79		8.00		97.4	70-130			

Matrix Spike (2520011-MS1)

Source: E505125-02

Prepared: 05/12/25 Analyzed: 05/14/25

Benzene	4.22	0.0250	5.00	ND	84.4	70-130			
Ethylbenzene	4.27	0.0250	5.00	ND	85.5	70-130			
Toluene	4.24	0.0250	5.00	ND	84.8	70-130			
o-Xylene	4.25	0.0250	5.00	ND	84.9	70-130			
p,m-Xylene	8.67	0.0500	10.0	ND	86.7	70-130			
Total Xylenes	12.9	0.0250	15.0	ND	86.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.86		8.00		98.3	70-130			

Matrix Spike Dup (2520011-MSD1)

Source: E505125-02

Prepared: 05/12/25 Analyzed: 05/14/25

Benzene	4.15	0.0250	5.00	ND	83.0	70-130	1.69	27	
Ethylbenzene	4.23	0.0250	5.00	ND	84.6	70-130	1.04	26	
Toluene	4.18	0.0250	5.00	ND	83.6	70-130	1.36	20	
o-Xylene	4.19	0.0250	5.00	ND	83.8	70-130	1.29	25	
p,m-Xylene	8.58	0.0500	10.0	ND	85.8	70-130	1.03	23	
Total Xylenes	12.8	0.0250	15.0	ND	85.2	70-130	1.12	26	
Surrogate: 4-Bromochlorobenzene-PID	8.00		8.00		100	70-130			



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 1:22:24PM
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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 (2520011-BLK1)

Prepared: 05/12/25 Analyzed: 05/14/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.84		8.00		110	70-130			

LCS (2520011-BS2)

Prepared: 05/12/25 Analyzed: 05/15/25

Gasoline Range Organics (C6-C10)	49.4	20.0	50.0		98.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.72		8.00		109	70-130			

Matrix Spike (2520011-MS2)

Source: E505125-02

Prepared: 05/12/25 Analyzed: 05/14/25

Gasoline Range Organics (C6-C10)	44.4	20.0	50.0	ND	88.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.49		8.00		106	70-130			

Matrix Spike Dup (2520011-MSD2)

Source: E505125-02

Prepared: 05/12/25 Analyzed: 05/14/25

Gasoline Range Organics (C6-C10)	45.0	20.0	50.0	ND	90.0	70-130	1.29	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.86		8.00		111	70-130			



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 1:22:24PM
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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 (2520031-BLK1)

Prepared: 05/13/25 Analyzed: 05/14/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	49.3		50.0		98.6	61-141			

LCS (2520031-BS1)

Prepared: 05/13/25 Analyzed: 05/14/25

Diesel Range Organics (C10-C28)	270	25.0	250		108	66-144			
Surrogate: <i>n</i> -Nonane	50.0		50.0		100	61-141			

Matrix Spike (2520031-MS1)

Source: E505128-01

Prepared: 05/13/25 Analyzed: 05/14/25

Diesel Range Organics (C10-C28)	288	25.0	250	ND	115	56-156			
Surrogate: <i>n</i> -Nonane	51.2		50.0		102	61-141			

Matrix Spike Dup (2520031-MSD1)

Source: E505128-01

Prepared: 05/13/25 Analyzed: 05/14/25

Diesel Range Organics (C10-C28)	287	25.0	250	ND	115	56-156	0.479	20	
Surrogate: <i>n</i> -Nonane	51.5		50.0		103	61-141			



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 1:22:24PM
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Anions by EPA 300.0/9056A

Analyst: JM

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 (2520081-BLK1)

Prepared: 05/14/25 Analyzed: 05/14/25

Chloride	ND	20.0							
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LCS (2520081-BS1)

Prepared: 05/14/25 Analyzed: 05/14/25

Chloride	254	20.0	250		102	90-110			
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Matrix Spike (2520081-MS1)

Source: E505124-04

Prepared: 05/14/25 Analyzed: 05/14/25

Chloride	1390	20.0	250	1090	119	80-120			
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Matrix Spike Dup (2520081-MSD1)

Source: E505124-04

Prepared: 05/14/25 Analyzed: 05/14/25

Chloride	1340	20.0	250	1090	101	80-120	3.32	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

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NMAN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 05/16/25 13:22
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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.



Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Crownquest Operating, LLC				Company: Etech Environmental & Safety Solutions				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project: NM AN 7				Address: 13000 W County Rd 100				E 305126		23077-0001					x				
Project Manager: Sean Carter				City, State, Zip: Odessa, TX, 79765															
Address: 13000 W County Rd 100				Phone: 432-305-6413															
City, State, Zip: Odessa, TX, 79765				Email: ap@etechenv.com															
Phone: 432-305-6413				Miscellaneous: WO;; PN: 20468; IN:															
Email: NMTXGeoGroup@etechenv.com				NTO1418937492															
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	
8:00	5/8/2025	S	1	BH04	0.5'	1								X					
8:20	5/8/2025	S	1	BH04	1'	2								X					
8:40	5/8/2025	S	1	BH04	2'	3								X					
9:00	5/8/2025	S	1	BH04	3'	4								X					
9:20	5/8/2025	S	1	BH04	4'	5								X					
<div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); opacity: 0.5;"> <p>05/09/2025</p> </div>																			
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: Edyte Konan																			
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													
<i>[Signature]</i>	05/09/25	14:10	Michelle Gonzales	5.9.25	1410														
Michelle Gonzales	5.9.25	1620	Andrew H.	5.9.25	1620														
Andrew H.	5.9.25	2215	Noe Soto	5.12.25	0830														
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: 5/12/2025 2:08:02PM

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: Crown Quest Operating Date Received: 05/12/25 08:30 Work Order ID: E505126
Phone: (505) 609-3819 Date Logged In: 05/09/25 16:05 Logged In By: Caitlin Mars
Email: nmtxgroup@etechnv.com Due Date: 05/16/25 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.

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

Empty box for Client Instruction

Comments/Resolution

Large empty box for Comments/Resolution

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

Date



envirotech Inc.

Report to:
Sean Carter



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Crown Quest Operating

Project Name: NM AN 7

Work Order: E505127

Job Number: 23077-0001

Received: 5/12/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/16/25

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: 5/16/25

Sean Carter
PO 2221
Farmington, NM 87499

Project Name: NM AN 7
Workorder: E505127
Date Received: 5/12/2025 8:30:00AM

Sean Carter,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/12/2025 8:30:00AM, under the Project Name: NM AN 7.

The analytical test results summarized in this report with the Project Name: NM AN 7 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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Cell: 775-287-1762
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Sample Summary

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NMAN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 05/16/25 13:25
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH05 0.5'	E505127-01A	Soil	05/08/25	05/12/25	Glass Jar, 2 oz.
BH05 1'	E505127-02A	Soil	05/08/25	05/12/25	Glass Jar, 2 oz.
BH05 2'	E505127-03A	Soil	05/08/25	05/12/25	Glass Jar, 2 oz.
BH05 3'	E505127-04A	Soil	05/08/25	05/12/25	Glass Jar, 2 oz.
BH05 4'	E505127-05A	Soil	05/08/25	05/12/25	Glass Jar, 2 oz.



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 1:25:23PM
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BH05 0.5'
E505127-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2520011
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.0 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2520011
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		115 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2520031
Diesel Range Organics (C10-C28)	57.4	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	107	50.0	1	05/13/25	05/14/25	
<i>Surrogate: n-Nonane</i>		99.2 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2520064
Chloride	131	20.0	1	05/14/25	05/14/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 1:25:23PM
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BH05 1'
E505127-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2520011
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.6 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2520011
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		113 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2520031
Diesel Range Organics (C10-C28)	46.8	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	87.3	50.0	1	05/13/25	05/14/25	
<i>Surrogate: n-Nonane</i>		99.0 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2520064
Chloride	146	20.0	1	05/14/25	05/14/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 1:25:23PM
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BH05 2'
E505127-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2520011
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.1 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2520011
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		111 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2520031
Diesel Range Organics (C10-C28)	46.0	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	79.7	50.0	1	05/13/25	05/14/25	
<i>Surrogate: n-Nonane</i>		96.1 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2520064
Chloride	134	20.0	1	05/14/25	05/15/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 1:25:23PM
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BH05 3'

E505127-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2520011
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2520011
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		109 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2520031
Diesel Range Organics (C10-C28)	54.3	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	109	50.0	1	05/13/25	05/14/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2520064
Chloride	141	20.0	1	05/14/25	05/15/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 1:25:23PM
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BH05 4'
E505127-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2520011
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.8 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2520011
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		109 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2520031
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/14/25	
<i>Surrogate: n-Nonane</i>		96.8 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2520064
Chloride	141	20.0	1	05/14/25	05/15/25	



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 1:25:23PM
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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 (2520011-BLK1)

Prepared: 05/12/25 Analyzed: 05/14/25

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	8.00		8.00		100	70-130			

LCS (2520011-BS1)

Prepared: 05/12/25 Analyzed: 05/14/25

Benzene	4.75	0.0250	5.00		95.1	70-130			
Ethylbenzene	4.81	0.0250	5.00		96.2	70-130			
Toluene	4.78	0.0250	5.00		95.6	70-130			
o-Xylene	4.76	0.0250	5.00		95.1	70-130			
p,m-Xylene	9.75	0.0500	10.0		97.5	70-130			
Total Xylenes	14.5	0.0250	15.0		96.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.79		8.00		97.4	70-130			

Matrix Spike (2520011-MS1)

Source: E505125-02

Prepared: 05/12/25 Analyzed: 05/14/25

Benzene	4.22	0.0250	5.00	ND	84.4	70-130			
Ethylbenzene	4.27	0.0250	5.00	ND	85.5	70-130			
Toluene	4.24	0.0250	5.00	ND	84.8	70-130			
o-Xylene	4.25	0.0250	5.00	ND	84.9	70-130			
p,m-Xylene	8.67	0.0500	10.0	ND	86.7	70-130			
Total Xylenes	12.9	0.0250	15.0	ND	86.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.86		8.00		98.3	70-130			

Matrix Spike Dup (2520011-MSD1)

Source: E505125-02

Prepared: 05/12/25 Analyzed: 05/14/25

Benzene	4.15	0.0250	5.00	ND	83.0	70-130	1.69	27	
Ethylbenzene	4.23	0.0250	5.00	ND	84.6	70-130	1.04	26	
Toluene	4.18	0.0250	5.00	ND	83.6	70-130	1.36	20	
o-Xylene	4.19	0.0250	5.00	ND	83.8	70-130	1.29	25	
p,m-Xylene	8.58	0.0500	10.0	ND	85.8	70-130	1.03	23	
Total Xylenes	12.8	0.0250	15.0	ND	85.2	70-130	1.12	26	
Surrogate: 4-Bromochlorobenzene-PID	8.00		8.00		100	70-130			



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 1:25:23PM
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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 (2520011-BLK1)

Prepared: 05/12/25 Analyzed: 05/14/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.84		8.00		110	70-130			

LCS (2520011-BS2)

Prepared: 05/12/25 Analyzed: 05/15/25

Gasoline Range Organics (C6-C10)	49.4	20.0	50.0		98.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.72		8.00		109	70-130			

Matrix Spike (2520011-MS2)

Source: E505125-02

Prepared: 05/12/25 Analyzed: 05/14/25

Gasoline Range Organics (C6-C10)	44.4	20.0	50.0	ND	88.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.49		8.00		106	70-130			

Matrix Spike Dup (2520011-MSD2)

Source: E505125-02

Prepared: 05/12/25 Analyzed: 05/14/25

Gasoline Range Organics (C6-C10)	45.0	20.0	50.0	ND	90.0	70-130	1.29	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.86		8.00		111	70-130			



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 1:25:23PM
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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 (2520031-BLK1)

Prepared: 05/13/25 Analyzed: 05/14/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	49.3		50.0		98.6	61-141			

LCS (2520031-BS1)

Prepared: 05/13/25 Analyzed: 05/14/25

Diesel Range Organics (C10-C28)	270	25.0	250		108	66-144			
Surrogate: <i>n</i> -Nonane	50.0		50.0		100	61-141			

Matrix Spike (2520031-MS1)

Source: E505128-01

Prepared: 05/13/25 Analyzed: 05/14/25

Diesel Range Organics (C10-C28)	288	25.0	250	ND	115	56-156			
Surrogate: <i>n</i> -Nonane	51.2		50.0		102	61-141			

Matrix Spike Dup (2520031-MSD1)

Source: E505128-01

Prepared: 05/13/25 Analyzed: 05/14/25

Diesel Range Organics (C10-C28)	287	25.0	250	ND	115	56-156	0.479	20	
Surrogate: <i>n</i> -Nonane	51.5		50.0		103	61-141			



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 1:25:23PM
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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 (2520064-BLK1)

Prepared: 05/14/25 Analyzed: 05/14/25

Chloride	ND	20.0							
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LCS (2520064-BS1)

Prepared: 05/14/25 Analyzed: 05/14/25

Chloride	258	20.0	250		103	90-110			
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Matrix Spike (2520064-MS1)

Source: E505120-07

Prepared: 05/14/25 Analyzed: 05/14/25

Chloride	287	20.0	250	23.8	105	80-120			
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Matrix Spike Dup (2520064-MSD1)

Source: E505120-07

Prepared: 05/14/25 Analyzed: 05/14/25

Chloride	290	20.0	250	23.8	106	80-120	1.03	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

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NMAN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 05/16/25 13:25
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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: Crownquest Operating, LLC				Company: Etech Environmental & Safety Solutions				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project: NM AN 7				Address: 13000 W County Rd 100				E 205127		230770001					x				
Project Manager: Sean Carter				City, State, Zip: Odessa, TX, 79765															
Address: 13000 W County Rd 100				Phone: 432-305-6413															
City, State, Zip: Odessa, TX, 79765				Email: ap@etechenv.com															
Phone: 432-305-6413				Miscellaneous: WO::; PN: 20468; IN: NTO1418937492															
Email: NMTXGeoGroup@etechenv.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	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
9:40	5/8/2025	S	1	BH05	0.5'	1								X					
10:00	5/8/2025	S	1	BH05	1'	2								X					
10:20	5/8/2025	S	1	BH05	2'	3								X					
10:40	5/8/2025	S	1	BH05	3'	4								X					
11:00	5/8/2025	S	1	BH05	4'	5								X					
05/09/2025																			
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: Edyte Konan																			
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							
<i>[Signature]</i>		05/09/25		14:10		<i>Michelle Gonzales</i>		5-9-25		1410									
<i>Michelle Gonzales</i>		5-9-25		1620		<i>[Signature]</i>		5-9-25		1620									
<i>[Signature]</i>		5-9-25		2215		<i>Noe Soto</i>		5-12-25		0830									
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: 5/13/2025 10:12:41AM

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: Crown Quest Operating	Date Received: 05/12/25 08:30	Work Order ID: E505127
Phone: (505) 609-3819	Date Logged In: 05/09/25 16:07	Logged In By: Caitlin Mars
Email: nmtxgroup@etechnv.com	Due Date: 05/16/25 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.

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

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

Date



envirotech Inc.

Report to:
Sean Carter



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Crown Quest Operating

Project Name: NM AN 7

Work Order: E505128

Job Number: 23077-0001

Received: 5/12/2025

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/16/25

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: 5/16/25

Sean Carter
PO 2221
Farmington, NM 87499

Project Name: NM AN 7
Workorder: E505128
Date Received: 5/12/2025 8:30:00AM

Sean Carter,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/12/2025 8:30:00AM, under the Project Name: NM AN 7.

The analytical test results summarized in this report with the Project Name: NM AN 7 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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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NMAN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 05/16/25 15:07
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH06 0.5'	E505128-01A	Soil	05/08/25	05/12/25	Glass Jar, 2 oz.
BH06 1'	E505128-02A	Soil	05/08/25	05/12/25	Glass Jar, 2 oz.
BH06 2'	E505128-03A	Soil	05/08/25	05/12/25	Glass Jar, 2 oz.
BH06 3'	E505128-04A	Soil	05/08/25	05/12/25	Glass Jar, 2 oz.
BH06 4'	E505128-05A	Soil	05/08/25	05/12/25	Glass Jar, 2 oz.



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 3:07:34PM
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BH06 0.5'
E505128-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2520011
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2520011
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		112 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2520031
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/14/25	
<i>Surrogate: n-Nonane</i>						
		100 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2520081
Chloride	41.4	20.0	1	05/14/25	05/14/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 3:07:34PM
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BH06 1'

E505128-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: SL		Batch: 2520011
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.6 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: SL		Batch: 2520011
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		109 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: HM		Batch: 2520031
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/14/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: JM		Batch: 2520081
Chloride	41.9	20.0	1	05/14/25	05/14/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 3:07:34PM
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BH06 2'

E505128-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2520011
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.5 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2520011
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		113 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2520031
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/14/25	
<i>Surrogate: n-Nonane</i>		99.7 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: JM		Batch: 2520081
Chloride	41.9	20.0	1	05/14/25	05/14/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 3:07:34PM
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BH06 3'

E505128-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2520011
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2520011
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		109 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2520031
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/14/25	
<i>Surrogate: n-Nonane</i>		111 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: JM		Batch: 2520081
Chloride	119	20.0	1	05/14/25	05/14/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 3:07:34PM
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BH06 4'

E505128-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2520011
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		97.9 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2520011
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		112 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2520031
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/14/25	
<i>Surrogate: n-Nonane</i>						
		101 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2520081
Chloride	292	20.0	1	05/14/25	05/14/25	



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 3:07:34PM
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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 (2520011-BLK1)

Prepared: 05/12/25 Analyzed: 05/14/25

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	8.00		8.00		100	70-130			

LCS (2520011-BS1)

Prepared: 05/12/25 Analyzed: 05/14/25

Benzene	4.75	0.0250	5.00		95.1	70-130			
Ethylbenzene	4.81	0.0250	5.00		96.2	70-130			
Toluene	4.78	0.0250	5.00		95.6	70-130			
o-Xylene	4.76	0.0250	5.00		95.1	70-130			
p,m-Xylene	9.75	0.0500	10.0		97.5	70-130			
Total Xylenes	14.5	0.0250	15.0		96.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.79		8.00		97.4	70-130			

Matrix Spike (2520011-MS1)

Source: E505125-02

Prepared: 05/12/25 Analyzed: 05/14/25

Benzene	4.22	0.0250	5.00	ND	84.4	70-130			
Ethylbenzene	4.27	0.0250	5.00	ND	85.5	70-130			
Toluene	4.24	0.0250	5.00	ND	84.8	70-130			
o-Xylene	4.25	0.0250	5.00	ND	84.9	70-130			
p,m-Xylene	8.67	0.0500	10.0	ND	86.7	70-130			
Total Xylenes	12.9	0.0250	15.0	ND	86.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.86		8.00		98.3	70-130			

Matrix Spike Dup (2520011-MSD1)

Source: E505125-02

Prepared: 05/12/25 Analyzed: 05/14/25

Benzene	4.15	0.0250	5.00	ND	83.0	70-130	1.69	27	
Ethylbenzene	4.23	0.0250	5.00	ND	84.6	70-130	1.04	26	
Toluene	4.18	0.0250	5.00	ND	83.6	70-130	1.36	20	
o-Xylene	4.19	0.0250	5.00	ND	83.8	70-130	1.29	25	
p,m-Xylene	8.58	0.0500	10.0	ND	85.8	70-130	1.03	23	
Total Xylenes	12.8	0.0250	15.0	ND	85.2	70-130	1.12	26	
Surrogate: 4-Bromochlorobenzene-PID	8.00		8.00		100	70-130			



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 3:07:34PM
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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 (2520011-BLK1)

Prepared: 05/12/25 Analyzed: 05/14/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.84		8.00		110	70-130			

LCS (2520011-BS2)

Prepared: 05/12/25 Analyzed: 05/15/25

Gasoline Range Organics (C6-C10)	49.4	20.0	50.0		98.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.72		8.00		109	70-130			

Matrix Spike (2520011-MS2)

Source: E505125-02

Prepared: 05/12/25 Analyzed: 05/14/25

Gasoline Range Organics (C6-C10)	44.4	20.0	50.0	ND	88.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.49		8.00		106	70-130			

Matrix Spike Dup (2520011-MSD2)

Source: E505125-02

Prepared: 05/12/25 Analyzed: 05/14/25

Gasoline Range Organics (C6-C10)	45.0	20.0	50.0	ND	90.0	70-130	1.29	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.86		8.00		111	70-130			



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 3:07:34PM
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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 (2520031-BLK1)

Prepared: 05/13/25 Analyzed: 05/14/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	49.3		50.0		98.6	61-141			

LCS (2520031-BS1)

Prepared: 05/13/25 Analyzed: 05/14/25

Diesel Range Organics (C10-C28)	270	25.0	250		108	66-144			
Surrogate: <i>n</i> -Nonane	50.0		50.0		100	61-141			

Matrix Spike (2520031-MS1)

Source: E505128-01

Prepared: 05/13/25 Analyzed: 05/14/25

Diesel Range Organics (C10-C28)	288	25.0	250	ND	115	56-156			
Surrogate: <i>n</i> -Nonane	51.2		50.0		102	61-141			

Matrix Spike Dup (2520031-MSD1)

Source: E505128-01

Prepared: 05/13/25 Analyzed: 05/14/25

Diesel Range Organics (C10-C28)	287	25.0	250	ND	115	56-156	0.479	20	
Surrogate: <i>n</i> -Nonane	51.5		50.0		103	61-141			



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 3:07:34PM
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Anions by EPA 300.0/9056A

Analyst: JM

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 (2520081-BLK1)

Prepared: 05/14/25 Analyzed: 05/14/25

Chloride	ND	20.0							
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LCS (2520081-BS1)

Prepared: 05/14/25 Analyzed: 05/14/25

Chloride	254	20.0	250		102	90-110			
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Matrix Spike (2520081-MS1)

Source: E505124-04

Prepared: 05/14/25 Analyzed: 05/14/25

Chloride	1390	20.0	250	1090	119	80-120			
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Matrix Spike Dup (2520081-MSD1)

Source: E505124-04

Prepared: 05/14/25 Analyzed: 05/14/25

Chloride	1340	20.0	250	1090	101	80-120	3.32	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

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NMAN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 05/16/25 15:07
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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.



Client Information				Invoice Information				Lab Use Only				TAT				State					
Client: Crownquest Operating, LLC				Company: Etech Environmental & Safety Solutions				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX		
Project: NM AN 7				Address: 13000 W County Rd 100				E505128		28077-0081					x						
Project Manager: Sean Carter				City, State, Zip: Odessa, TX, 79765																	
Address: 13000 W County Rd 100				Phone: 432-305-6413																	
City, State, Zip: Odessa, TX, 79765				Email: ap@etechenv.com																	
Phone: 432-305-6413				Miscellaneous: WO;; PN: 20468; IN:																	
Email: NMTXGeoGroup@etechenv.com				NTO1418937492																	
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 3000	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA			
11:20	5/8/2025	S	1	BH06	0.5'	1								X							
11:40	5/8/2025	S	1	BH06	1'	2								X							
12:00	5/8/2025	S	1	BH06	2'	3								X							
12:20	5/8/2025	S	1	BH06	3'	4								X							
12:40	5/8/2025	S	1	BH06	4'	5								X							
05/09/2025																					
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: Edyte Konan																					
Relinquished by: (Signature) <i>[Signature]</i>				Date: 05/09/25		Time: 12:10		Received by: (Signature) <i>Michelle Gonzales</i>				Date: 5-9-25		Time: 1410		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: 5-9-25		Time: 1620		Received by: (Signature) <i>John Jr.</i>				Date: 5-9-25		Time: 1620							
Relinquished by: (Signature) <i>John Jr.</i>				Date: 5-9-25		Time: 2215		Received by: (Signature) <i>Noe Soto</i>				Date: 5-12-25		Time: 0830							
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: 5/13/2025 10:14:53AM

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: Crown Quest Operating	Date Received: 05/12/25 08:30	Work Order ID: E505128
Phone: (505) 609-3819	Date Logged In: 05/09/25 16:08	Logged In By: Caitlin Mars
Email: nmtxgroup@etechnv.com	Due Date: 05/16/25 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:
Sean Carter



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Crown Quest Operating

Project Name: NM AN 7

Work Order: E505129

Job Number: 23077-0001

Received: 5/12/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/16/25

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: 5/16/25

Sean Carter
PO 2221
Farmington, NM 87499

Project Name: NM AN 7
Workorder: E505129
Date Received: 5/12/2025 8:30:00AM

Sean Carter,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/12/2025 8:30:00AM, under the Project Name: NM AN 7.

The analytical test results summarized in this report with the Project Name: NM AN 7 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

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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Chain of Custody etc.	15

Sample Summary

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NMAN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 05/16/25 09:59
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH07 0.5'	E505129-01A	Soil	05/08/25	05/12/25	Glass Jar, 2 oz.
BH07 1'	E505129-02A	Soil	05/08/25	05/12/25	Glass Jar, 2 oz.
BH07 2'	E505129-03A	Soil	05/08/25	05/12/25	Glass Jar, 2 oz.
BH07 3'	E505129-04A	Soil	05/08/25	05/12/25	Glass Jar, 2 oz.
BH07 4'	E505129-05A	Soil	05/08/25	05/12/25	Glass Jar, 2 oz.



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 9:59:19AM
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BH07 0.5'
E505129-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: RKS		Batch: 2520014
Benzene	ND	0.0250	1	05/12/25	05/13/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/13/25	
Toluene	ND	0.0250	1	05/12/25	05/13/25	
o-Xylene	ND	0.0250	1	05/12/25	05/13/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/13/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/13/25	
<i>Surrogate: Bromofluorobenzene</i>		97.9 %	70-130	05/12/25	05/13/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	05/12/25	05/13/25	
<i>Surrogate: Toluene-d8</i>		98.3 %	70-130	05/12/25	05/13/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: RKS		Batch: 2520014
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/13/25	
<i>Surrogate: Bromofluorobenzene</i>		97.9 %	70-130	05/12/25	05/13/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	05/12/25	05/13/25	
<i>Surrogate: Toluene-d8</i>		98.3 %	70-130	05/12/25	05/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: HM		Batch: 2520031
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/14/25	
<i>Surrogate: n-Nonane</i>		107 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: JM		Batch: 2520081
Chloride	42.0	20.0	1	05/14/25	05/14/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 9:59:19AM
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BH07 1'

E505129-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2520014
Benzene	ND	0.0250	1	05/12/25	05/13/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/13/25	
Toluene	ND	0.0250	1	05/12/25	05/13/25	
o-Xylene	ND	0.0250	1	05/12/25	05/13/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/13/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/13/25	
<i>Surrogate: Bromofluorobenzene</i>		96.6 %	70-130	05/12/25	05/13/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	05/12/25	05/13/25	
<i>Surrogate: Toluene-d8</i>		97.7 %	70-130	05/12/25	05/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2520014
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/13/25	
<i>Surrogate: Bromofluorobenzene</i>		96.6 %	70-130	05/12/25	05/13/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	05/12/25	05/13/25	
<i>Surrogate: Toluene-d8</i>		97.7 %	70-130	05/12/25	05/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2520031
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/14/25	
<i>Surrogate: n-Nonane</i>		106 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: JM		Batch: 2520081
Chloride	45.3	20.0	1	05/14/25	05/14/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 9:59:19AM
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BH07 2'

E505129-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2520014
Benzene	ND	0.0250	1	05/12/25	05/13/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/13/25	
Toluene	ND	0.0250	1	05/12/25	05/13/25	
o-Xylene	ND	0.0250	1	05/12/25	05/13/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/13/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/13/25	
<i>Surrogate: Bromofluorobenzene</i>		99.0 %	70-130	05/12/25	05/13/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	05/12/25	05/13/25	
<i>Surrogate: Toluene-d8</i>		100 %	70-130	05/12/25	05/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2520014
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/13/25	
<i>Surrogate: Bromofluorobenzene</i>		99.0 %	70-130	05/12/25	05/13/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	05/12/25	05/13/25	
<i>Surrogate: Toluene-d8</i>		100 %	70-130	05/12/25	05/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2520031
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/14/25	
<i>Surrogate: n-Nonane</i>		107 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: JM		Batch: 2520081
Chloride	44.3	20.0	1	05/14/25	05/15/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 9:59:19AM
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BH07 3'

E505129-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2520014
Benzene	ND	0.0250	1	05/12/25	05/13/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/13/25	
Toluene	ND	0.0250	1	05/12/25	05/13/25	
o-Xylene	ND	0.0250	1	05/12/25	05/13/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/13/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/13/25	
<i>Surrogate: Bromofluorobenzene</i>		98.0 %	70-130	05/12/25	05/13/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.9 %	70-130	05/12/25	05/13/25	
<i>Surrogate: Toluene-d8</i>		98.2 %	70-130	05/12/25	05/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2520014
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/13/25	
<i>Surrogate: Bromofluorobenzene</i>		98.0 %	70-130	05/12/25	05/13/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.9 %	70-130	05/12/25	05/13/25	
<i>Surrogate: Toluene-d8</i>		98.2 %	70-130	05/12/25	05/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2520031
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/14/25	
<i>Surrogate: n-Nonane</i>		103 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: JM		Batch: 2520081
Chloride	118	20.0	1	05/14/25	05/15/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 9:59:19AM
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BH07 4'

E505129-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2520014
Benzene	ND	0.0250	1	05/12/25	05/13/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/13/25	
Toluene	ND	0.0250	1	05/12/25	05/13/25	
o-Xylene	ND	0.0250	1	05/12/25	05/13/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/13/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/13/25	
<i>Surrogate: Bromofluorobenzene</i>		96.5 %	70-130	05/12/25	05/13/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	05/12/25	05/13/25	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	05/12/25	05/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2520014
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/13/25	
<i>Surrogate: Bromofluorobenzene</i>		96.5 %	70-130	05/12/25	05/13/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	05/12/25	05/13/25	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	05/12/25	05/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2520031
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/14/25	
<i>Surrogate: n-Nonane</i>		111 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: JM		Batch: 2520081
Chloride	108	20.0	1	05/14/25	05/15/25	



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 9:59:19AM
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Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2520014-BLK1)

Prepared: 05/12/25 Analyzed: 05/13/25

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: Bromofluorobenzene	0.492		0.500		98.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.5	70-130			
Surrogate: Toluene-d8	0.493		0.500		98.5	70-130			

LCS (2520014-BS1)

Prepared: 05/12/25 Analyzed: 05/13/25

Benzene	2.31	0.0250	2.50		92.4	70-130			
Ethylbenzene	2.32	0.0250	2.50		92.8	70-130			
Toluene	2.25	0.0250	2.50		90.0	70-130			
o-Xylene	2.22	0.0250	2.50		88.9	70-130			
p,m-Xylene	4.47	0.0500	5.00		89.4	70-130			
Total Xylenes	6.69	0.0250	7.50		89.2	70-130			
Surrogate: Bromofluorobenzene	0.480		0.500		95.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.505		0.500		101	70-130			
Surrogate: Toluene-d8	0.500		0.500		99.9	70-130			

Matrix Spike (2520014-MS1)

Source: E505130-02

Prepared: 05/12/25 Analyzed: 05/13/25

Benzene	2.20	0.0250	2.50	ND	87.9	48-131			
Ethylbenzene	2.16	0.0250	2.50	ND	86.5	45-135			
Toluene	2.09	0.0250	2.50	ND	83.7	48-130			
o-Xylene	2.05	0.0250	2.50	ND	82.2	43-135			
p,m-Xylene	4.07	0.0500	5.00	ND	81.3	43-135			
Total Xylenes	6.12	0.0250	7.50	ND	81.6	43-135			
Surrogate: Bromofluorobenzene	0.488		0.500		97.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		98.9	70-130			
Surrogate: Toluene-d8	0.486		0.500		97.2	70-130			

Matrix Spike Dup (2520014-MSD1)

Source: E505130-02

Prepared: 05/12/25 Analyzed: 05/13/25

Benzene	2.44	0.0250	2.50	ND	97.5	48-131	10.4	23	
Ethylbenzene	2.54	0.0250	2.50	ND	101	45-135	15.9	27	
Toluene	2.50	0.0250	2.50	ND	99.9	48-130	17.7	24	
o-Xylene	2.49	0.0250	2.50	ND	99.8	43-135	19.3	27	
p,m-Xylene	4.91	0.0500	5.00	ND	98.2	43-135	18.8	27	
Total Xylenes	7.40	0.0250	7.50	ND	98.7	43-135	19.0	27	
Surrogate: Bromofluorobenzene	0.495		0.500		98.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.508		0.500		102	70-130			
Surrogate: Toluene-d8	0.516		0.500		103	70-130			



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 9:59:19AM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2520014-BLK1)

Prepared: 05/12/25 Analyzed: 05/13/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.492		0.500		98.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.5	70-130			
Surrogate: Toluene-d8	0.493		0.500		98.5	70-130			

LCS (2520014-BS2)

Prepared: 05/12/25 Analyzed: 05/13/25

Gasoline Range Organics (C6-C10)	50.6	20.0	50.0		101	70-130			
Surrogate: Bromofluorobenzene	0.506		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		97.9	70-130			
Surrogate: Toluene-d8	0.504		0.500		101	70-130			

Matrix Spike (2520014-MS2)

Source: E505130-02

Prepared: 05/12/25 Analyzed: 05/13/25

Gasoline Range Organics (C6-C10)	52.9	20.0	50.0	ND	106	70-130			
Surrogate: Bromofluorobenzene	0.501		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.502		0.500		100	70-130			
Surrogate: Toluene-d8	0.507		0.500		101	70-130			

Matrix Spike Dup (2520014-MSD2)

Source: E505130-02

Prepared: 05/12/25 Analyzed: 05/13/25

Gasoline Range Organics (C6-C10)	48.2	20.0	50.0	ND	96.4	70-130	9.39	20	
Surrogate: Bromofluorobenzene	0.498		0.500		99.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.7	70-130			
Surrogate: Toluene-d8	0.515		0.500		103	70-130			



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 9:59:19AM
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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 (2520031-BLK1)

Prepared: 05/13/25 Analyzed: 05/14/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	49.3		50.0		98.6	61-141			

LCS (2520031-BS1)

Prepared: 05/13/25 Analyzed: 05/14/25

Diesel Range Organics (C10-C28)	270	25.0	250		108	66-144			
Surrogate: <i>n</i> -Nonane	50.0		50.0		100	61-141			

Matrix Spike (2520031-MS1)

Source: E505128-01

Prepared: 05/13/25 Analyzed: 05/14/25

Diesel Range Organics (C10-C28)	288	25.0	250	ND	115	56-156			
Surrogate: <i>n</i> -Nonane	51.2		50.0		102	61-141			

Matrix Spike Dup (2520031-MSD1)

Source: E505128-01

Prepared: 05/13/25 Analyzed: 05/14/25

Diesel Range Organics (C10-C28)	287	25.0	250	ND	115	56-156	0.479	20	
Surrogate: <i>n</i> -Nonane	51.5		50.0		103	61-141			



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 9:59:19AM
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Anions by EPA 300.0/9056A

Analyst: JM

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 (2520081-BLK1)

Prepared: 05/14/25 Analyzed: 05/14/25

Chloride ND 20.0

LCS (2520081-BS1)

Prepared: 05/14/25 Analyzed: 05/14/25

Chloride 254 20.0 250 102 90-110

Matrix Spike (2520081-MS1)

Source: E505124-04

Prepared: 05/14/25 Analyzed: 05/14/25

Chloride 1390 20.0 250 1090 119 80-120

Matrix Spike Dup (2520081-MSD1)

Source: E505124-04

Prepared: 05/14/25 Analyzed: 05/14/25

Chloride 1340 20.0 250 1090 101 80-120 3.32 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

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NMAN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 05/16/25 09:59
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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: Crownquest Operating, LLC				Company: Etech Environmental & Safety Solutions				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project: NM AN 7				Address: 13000 W County Rd 100				E 505129		23077-0001					x				
Project Manager: Sean Carter				City, State, Zip: Odessa, TX, 79765															
Address: 13000 W County Rd 100				Phone: 432-305-6413															
City, State, Zip: Odessa, TX, 79765				Email: ap@etechenv.com															
Phone: 432-305-6413				Miscellaneous: WO;; PN: 20468; IN:															
Email: NMTXGeoGroup@etechenv.com				NTO1418937492															
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	BGDDC - RM	BGDDC - TX	SDWA	CWA	RCRA	
13:00	5/8/2025	S	1	BH07	0.5'	1								X					
13:20	5/8/2025	S	1	BH07	1'	2								X					
13:40	5/8/2025	S	1	BH07	2'	3								X					
14:00	5/8/2025	S	1	BH07	3'	4								X					
14:20	5/8/2025	S	1	BH07	4'	5								X					
<i>05/09/2025</i>																			
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: Edyte Konan																			
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="radio"/> Y <input type="radio"/> N							
<i>[Signature]</i>		05/09/2025		14:10		<i>Michelle Gonzales</i>		5.9.25		1410									
<i>Michelle Gonzales</i>		5.9.25		1620		<i>[Signature]</i>		5.9.25		1620									
<i>[Signature]</i>		5.9.25		2215		<i>Noe Soto</i>		5.12.25		0830									
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: 5/12/2025 2:09:40PM

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: Crown Quest Operating Date Received: 05/12/25 08:30 Work Order ID: E505129
Phone: (505) 609-3819 Date Logged In: 05/09/25 16:09 Logged In By: Caitlin Mars
Email: nmtxgroup@etechnv.com Due Date: 05/16/25 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.

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

Empty box for client instruction.

Comments/Resolution

Large empty box for comments/resolution.

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

Date



envirotech Inc.

Report to:
Sean Carter



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Crown Quest Operating

Project Name: NM AN 7

Work Order: E505130

Job Number: 23077-0001

Received: 5/12/2025

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/16/25

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: 5/16/25

Sean Carter
PO 2221
Farmington, NM 87499

Project Name: NM AN 7
Workorder: E505130
Date Received: 5/12/2025 8:30:00AM

Sean Carter,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/12/2025 8:30:00AM, under the Project Name: NM AN 7.

The analytical test results summarized in this report with the Project Name: NM AN 7 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
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NMAN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 05/16/25 16:45
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH08 0.5'	E505130-01A	Soil	05/08/25	05/12/25	Glass Jar, 2 oz.
BH08 1'	E505130-02A	Soil	05/08/25	05/12/25	Glass Jar, 2 oz.
BH08 2'	E505130-03A	Soil	05/08/25	05/12/25	Glass Jar, 2 oz.
BH08 3'	E505130-04A	Soil	05/08/25	05/12/25	Glass Jar, 2 oz.
BH08 4'	E505130-05A	Soil	05/08/25	05/12/25	Glass Jar, 2 oz.



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 4:45:30PM
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BH08 0.5'
E505130-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: RKS		Batch: 2520014
Benzene	ND	0.0250	1	05/12/25	05/13/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/13/25	
Toluene	ND	0.0250	1	05/12/25	05/13/25	
o-Xylene	ND	0.0250	1	05/12/25	05/13/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/13/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/13/25	
<i>Surrogate: Bromofluorobenzene</i>		95.3 %	70-130	05/12/25	05/13/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.7 %	70-130	05/12/25	05/13/25	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	05/12/25	05/13/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: RKS		Batch: 2520014
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/13/25	
<i>Surrogate: Bromofluorobenzene</i>		95.3 %	70-130	05/12/25	05/13/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.7 %	70-130	05/12/25	05/13/25	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	05/12/25	05/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: KH		Batch: 2520134
Diesel Range Organics (C10-C28)	34.4	25.0	1	05/13/25	05/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/16/25	
<i>Surrogate: n-Nonane</i>		97.4 %	61-141	05/13/25	05/16/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: RAS		Batch: 2520085
Chloride	124	20.0	1	05/14/25	05/15/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 4:45:30PM
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BH08 1'
E505130-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2520014
Benzene	ND	0.0250	1	05/12/25	05/13/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/13/25	
Toluene	ND	0.0250	1	05/12/25	05/13/25	
o-Xylene	ND	0.0250	1	05/12/25	05/13/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/13/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/13/25	
<i>Surrogate: Bromofluorobenzene</i>		96.8 %	70-130	05/12/25	05/13/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.9 %	70-130	05/12/25	05/13/25	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	05/12/25	05/13/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2520014
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/13/25	
<i>Surrogate: Bromofluorobenzene</i>		96.8 %	70-130	05/12/25	05/13/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.9 %	70-130	05/12/25	05/13/25	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	05/12/25	05/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2520134
Diesel Range Organics (C10-C28)	39.5	25.0	1	05/13/25	05/16/25	
Oil Range Organics (C28-C36)	50.2	50.0	1	05/13/25	05/16/25	
<i>Surrogate: n-Nonane</i>		96.1 %	61-141	05/13/25	05/16/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2520085
Chloride	140	20.0	1	05/14/25	05/15/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 4:45:30PM
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BH08 2'

E505130-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2520014
Benzene	ND	0.0250	1	05/12/25	05/13/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/13/25	
Toluene	ND	0.0250	1	05/12/25	05/13/25	
o-Xylene	ND	0.0250	1	05/12/25	05/13/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/13/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/13/25	
<i>Surrogate: Bromofluorobenzene</i>		96.8 %	70-130	05/12/25	05/13/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.5 %	70-130	05/12/25	05/13/25	
<i>Surrogate: Toluene-d8</i>		99.7 %	70-130	05/12/25	05/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2520014
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/13/25	
<i>Surrogate: Bromofluorobenzene</i>		96.8 %	70-130	05/12/25	05/13/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.5 %	70-130	05/12/25	05/13/25	
<i>Surrogate: Toluene-d8</i>		99.7 %	70-130	05/12/25	05/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2520134
Diesel Range Organics (C10-C28)	37.3	25.0	1	05/13/25	05/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/16/25	
<i>Surrogate: n-Nonane</i>		97.1 %	61-141	05/13/25	05/16/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2520085
Chloride	102	20.0	1	05/14/25	05/15/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 4:45:30PM
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BH08 3'

E505130-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2520014
Benzene	ND	0.0250	1	05/12/25	05/13/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/13/25	
Toluene	ND	0.0250	1	05/12/25	05/13/25	
o-Xylene	ND	0.0250	1	05/12/25	05/13/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/13/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/13/25	
<i>Surrogate: Bromofluorobenzene</i>		96.9 %	70-130	05/12/25	05/13/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	05/12/25	05/13/25	
<i>Surrogate: Toluene-d8</i>		99.2 %	70-130	05/12/25	05/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2520014
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/13/25	
<i>Surrogate: Bromofluorobenzene</i>		96.9 %	70-130	05/12/25	05/13/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	05/12/25	05/13/25	
<i>Surrogate: Toluene-d8</i>		99.2 %	70-130	05/12/25	05/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2520032
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/14/25	
<i>Surrogate: n-Nonane</i>		99.0 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2520085
Chloride	301	20.0	1	05/14/25	05/15/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 4:45:30PM
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BH08 4'
E505130-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2520014
Benzene	ND	0.0250	1	05/12/25	05/13/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/13/25	
Toluene	ND	0.0250	1	05/12/25	05/13/25	
o-Xylene	ND	0.0250	1	05/12/25	05/13/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/13/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/13/25	
<i>Surrogate: Bromofluorobenzene</i>		97.2 %	70-130	05/12/25	05/13/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		106 %	70-130	05/12/25	05/13/25	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	05/12/25	05/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2520014
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/13/25	
<i>Surrogate: Bromofluorobenzene</i>		97.2 %	70-130	05/12/25	05/13/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		106 %	70-130	05/12/25	05/13/25	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	05/12/25	05/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2520032
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/14/25	
<i>Surrogate: n-Nonane</i>		99.7 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2520085
Chloride	161	20.0	1	05/14/25	05/15/25	



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 4:45:30PM
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Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2520014-BLK1)

Prepared: 05/12/25 Analyzed: 05/13/25

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: Bromofluorobenzene	0.492		0.500		98.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.5	70-130			
Surrogate: Toluene-d8	0.493		0.500		98.5	70-130			

LCS (2520014-BS1)

Prepared: 05/12/25 Analyzed: 05/13/25

Benzene	2.31	0.0250	2.50		92.4	70-130			
Ethylbenzene	2.32	0.0250	2.50		92.8	70-130			
Toluene	2.25	0.0250	2.50		90.0	70-130			
o-Xylene	2.22	0.0250	2.50		88.9	70-130			
p,m-Xylene	4.47	0.0500	5.00		89.4	70-130			
Total Xylenes	6.69	0.0250	7.50		89.2	70-130			
Surrogate: Bromofluorobenzene	0.480		0.500		95.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.505		0.500		101	70-130			
Surrogate: Toluene-d8	0.500		0.500		99.9	70-130			

Matrix Spike (2520014-MS1)

Source: E505130-02

Prepared: 05/12/25 Analyzed: 05/13/25

Benzene	2.20	0.0250	2.50	ND	87.9	48-131			
Ethylbenzene	2.16	0.0250	2.50	ND	86.5	45-135			
Toluene	2.09	0.0250	2.50	ND	83.7	48-130			
o-Xylene	2.05	0.0250	2.50	ND	82.2	43-135			
p,m-Xylene	4.07	0.0500	5.00	ND	81.3	43-135			
Total Xylenes	6.12	0.0250	7.50	ND	81.6	43-135			
Surrogate: Bromofluorobenzene	0.488		0.500		97.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		98.9	70-130			
Surrogate: Toluene-d8	0.486		0.500		97.2	70-130			

Matrix Spike Dup (2520014-MSD1)

Source: E505130-02

Prepared: 05/12/25 Analyzed: 05/13/25

Benzene	2.44	0.0250	2.50	ND	97.5	48-131	10.4	23	
Ethylbenzene	2.54	0.0250	2.50	ND	101	45-135	15.9	27	
Toluene	2.50	0.0250	2.50	ND	99.9	48-130	17.7	24	
o-Xylene	2.49	0.0250	2.50	ND	99.8	43-135	19.3	27	
p,m-Xylene	4.91	0.0500	5.00	ND	98.2	43-135	18.8	27	
Total Xylenes	7.40	0.0250	7.50	ND	98.7	43-135	19.0	27	
Surrogate: Bromofluorobenzene	0.495		0.500		98.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.508		0.500		102	70-130			
Surrogate: Toluene-d8	0.516		0.500		103	70-130			



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 4:45:30PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2520014-BLK1)

Prepared: 05/12/25 Analyzed: 05/13/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.492		0.500		98.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.5	70-130			
Surrogate: Toluene-d8	0.493		0.500		98.5	70-130			

LCS (2520014-BS2)

Prepared: 05/12/25 Analyzed: 05/13/25

Gasoline Range Organics (C6-C10)	50.6	20.0	50.0		101	70-130			
Surrogate: Bromofluorobenzene	0.506		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		97.9	70-130			
Surrogate: Toluene-d8	0.504		0.500		101	70-130			

Matrix Spike (2520014-MS2)

Source: E505130-02

Prepared: 05/12/25 Analyzed: 05/13/25

Gasoline Range Organics (C6-C10)	52.9	20.0	50.0	ND	106	70-130			
Surrogate: Bromofluorobenzene	0.501		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.502		0.500		100	70-130			
Surrogate: Toluene-d8	0.507		0.500		101	70-130			

Matrix Spike Dup (2520014-MSD2)

Source: E505130-02

Prepared: 05/12/25 Analyzed: 05/13/25

Gasoline Range Organics (C6-C10)	48.2	20.0	50.0	ND	96.4	70-130	9.39	20	
Surrogate: Bromofluorobenzene	0.498		0.500		99.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.7	70-130			
Surrogate: Toluene-d8	0.515		0.500		103	70-130			



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 4:45:30PM
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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 (2520032-BLK1)

Prepared: 05/13/25 Analyzed: 05/14/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	50.0		50.0		99.9	61-141			

LCS (2520032-BS1)

Prepared: 05/13/25 Analyzed: 05/14/25

Diesel Range Organics (C10-C28)	267	25.0	250		107	66-144			
Surrogate: <i>n</i> -Nonane	50.8		50.0		102	61-141			

Matrix Spike (2520032-MS1)

Source: E505130-05

Prepared: 05/13/25 Analyzed: 05/14/25

Diesel Range Organics (C10-C28)	277	25.0	250	ND	111	56-156			
Surrogate: <i>n</i> -Nonane	52.5		50.0		105	61-141			

Matrix Spike Dup (2520032-MSD1)

Source: E505130-05

Prepared: 05/13/25 Analyzed: 05/14/25

Diesel Range Organics (C10-C28)	284	25.0	250	ND	114	56-156	2.52	20	
Surrogate: <i>n</i> -Nonane	52.9		50.0		106	61-141			



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 4:45:30PM
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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 (2520134-BLK1)

Prepared: 05/16/25 Analyzed: 05/16/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	50.7		50.0		101	61-141			

LCS (2520134-BS1)

Prepared: 05/16/25 Analyzed: 05/16/25

Diesel Range Organics (C10-C28)	260	25.0	250		104	66-144			
Surrogate: <i>n</i> -Nonane	50.2		50.0		100	61-141			

Matrix Spike (2520134-MS1)

Source: E505118-02RE1

Prepared: 05/16/25 Analyzed: 05/16/25

Diesel Range Organics (C10-C28)	297	25.0	250	ND	119	56-156			
Surrogate: <i>n</i> -Nonane	54.7		50.0		109	61-141			

Matrix Spike Dup (2520134-MSD1)

Source: E505118-02RE1

Prepared: 05/16/25 Analyzed: 05/16/25

Diesel Range Organics (C10-C28)	290	25.0	250	ND	116	56-156	2.31	20	
Surrogate: <i>n</i> -Nonane	51.1		50.0		102	61-141			



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 4:45:30PM
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Anions by EPA 300.0/9056A

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 (2520085-BLK1)

Prepared: 05/14/25 Analyzed: 05/15/25

Chloride	ND	20.0							
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LCS (2520085-BS1)

Prepared: 05/14/25 Analyzed: 05/15/25

Chloride	255	20.0	250	102	105	90-110			
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Matrix Spike (2520085-MS1)

Source: E505130-03

Prepared: 05/14/25 Analyzed: 05/15/25

Chloride	365	20.0	250	102	105	80-120			
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Matrix Spike Dup (2520085-MSD1)

Source: E505130-03

Prepared: 05/14/25 Analyzed: 05/15/25

Chloride	422	20.0	250	102	128	80-120	14.5	20	M2
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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

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NMAN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 05/16/25 16:45
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M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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: Crownquest Operating, LLC				Company: Etech Environmental & Safety Solutions				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project: NM AN 7				Address: 13000 W County Rd 100				E 505130		23073-0001					x				
Project Manager: Sean Carter				City, State, Zip: Odessa, TX, 79765															
Address: 13000 W County Rd 100				Phone: 432-305-6413															
City, State, Zip: Odessa, TX, 79765				Email: ap@etechenv.com															
Phone: 432-305-6413				Miscellaneous: WO;; PN: 20468; IN:															
Email: NMTXGeoGroup@etechenv.com				NTO1418937492															
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	BIGDOC - NM	BIGDOC - TX	SDWA	CWA	RCRA	
14:40	5/8/2025	S	1	BH08	0.5'	1								X					
15:00	5/8/2025	S	1	BH08	1'	2								X					
15:20	5/8/2025	S	1	BH08	2'	3								X					
15:40	5/8/2025	S	1	BH08	3'	4								X					
16:00	5/8/2025	S	1	BH08	4'	5								X					
05/09/2025																			
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: Edyte Konan																			
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="radio"/> Y <input type="radio"/> N							
<i>[Signature]</i>		05/09/25		14:10		<i>Michelle Gonzales</i>		5-9-25		1410									
<i>Michelle Gonzales</i>		5-9-25		1620		<i>[Signature]</i>		5-9-25		1620									
<i>[Signature]</i>		5-9-25		2215		<i>Noe Soto</i>		5-12-25		0830									
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: 5/12/2025 2:11:38PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client: Crown Quest Operating Date Received: 05/12/25 08:30 Work Order ID: E505130
Phone: (505) 609-3819 Date Logged In: 05/09/25 16:10 Logged In By: Caitlin Mars
Email: nmtxgroup@etechnv.com Due Date: 05/16/25 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.

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

Empty box for Client Instruction

Comments/Resolution

Large empty box for Comments/Resolution

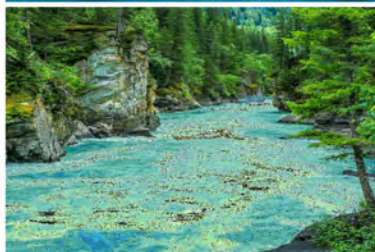
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Sean Carter



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Crown Quest Operating

Project Name: NM AN 7

Work Order: E505131

Job Number: 23077-0001

Received: 5/12/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/16/25

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: 5/16/25

Sean Carter
PO 2221
Farmington, NM 87499

Project Name: NM AN 7
Workorder: E505131
Date Received: 5/12/2025 8:30:00AM

Sean Carter,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/12/2025 8:30:00AM, under the Project Name: NM AN 7.

The analytical test results summarized in this report with the Project Name: NM AN 7 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

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Sample Summary

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NMAN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 05/16/25 16:04
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH09 0.5'	E505131-01A	Soil	05/09/25	05/12/25	Glass Jar, 2 oz.
BH09 1'	E505131-02A	Soil	05/09/25	05/12/25	Glass Jar, 2 oz.
BH09 2'	E505131-03A	Soil	05/09/25	05/12/25	Glass Jar, 2 oz.
BH09 3'	E505131-04A	Soil	05/09/25	05/12/25	Glass Jar, 2 oz.
BH09 4'	E505131-05A	Soil	05/09/25	05/12/25	Glass Jar, 2 oz.



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 4:04:17PM
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BH09 0.5'
E505131-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: RKS		Batch: 2520014
Benzene	ND	0.0250	1	05/12/25	05/13/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/13/25	
Toluene	ND	0.0250	1	05/12/25	05/13/25	
o-Xylene	ND	0.0250	1	05/12/25	05/13/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/13/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/13/25	
<i>Surrogate: Bromofluorobenzene</i>		95.9 %	70-130	05/12/25	05/13/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.5 %	70-130	05/12/25	05/13/25	
<i>Surrogate: Toluene-d8</i>		99.0 %	70-130	05/12/25	05/13/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: RKS		Batch: 2520014
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/13/25	
<i>Surrogate: Bromofluorobenzene</i>		95.9 %	70-130	05/12/25	05/13/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.5 %	70-130	05/12/25	05/13/25	
<i>Surrogate: Toluene-d8</i>		99.0 %	70-130	05/12/25	05/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: KH		Batch: 2520032
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/14/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: RAS		Batch: 2520085
Chloride	ND	20.0	1	05/14/25	05/15/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 4:04:17PM
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BH09 1'
E505131-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2520014
Benzene	ND	0.0250	1	05/12/25	05/13/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/13/25	
Toluene	ND	0.0250	1	05/12/25	05/13/25	
o-Xylene	ND	0.0250	1	05/12/25	05/13/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/13/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/13/25	
<i>Surrogate: Bromofluorobenzene</i>		96.8 %	70-130	05/12/25	05/13/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.1 %	70-130	05/12/25	05/13/25	
<i>Surrogate: Toluene-d8</i>		100 %	70-130	05/12/25	05/13/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2520014
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/13/25	
<i>Surrogate: Bromofluorobenzene</i>		96.8 %	70-130	05/12/25	05/13/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.1 %	70-130	05/12/25	05/13/25	
<i>Surrogate: Toluene-d8</i>		100 %	70-130	05/12/25	05/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2520032
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/14/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2520085
Chloride	ND	20.0	1	05/14/25	05/15/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 4:04:17PM
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BH09 2'
E505131-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2520014
Benzene	ND	0.0250	1	05/12/25	05/13/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/13/25	
Toluene	ND	0.0250	1	05/12/25	05/13/25	
o-Xylene	ND	0.0250	1	05/12/25	05/13/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/13/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/13/25	
<i>Surrogate: Bromofluorobenzene</i>		98.5 %	70-130	05/12/25	05/13/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %	70-130	05/12/25	05/13/25	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	05/12/25	05/13/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2520014
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/13/25	
<i>Surrogate: Bromofluorobenzene</i>		98.5 %	70-130	05/12/25	05/13/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %	70-130	05/12/25	05/13/25	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	05/12/25	05/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2520032
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/14/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2520085
Chloride	ND	20.0	1	05/14/25	05/15/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 4:04:17PM
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BH09 3'

E505131-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2520014
Benzene	ND	0.0250	1	05/12/25	05/13/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/13/25	
Toluene	ND	0.0250	1	05/12/25	05/13/25	
o-Xylene	ND	0.0250	1	05/12/25	05/13/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/13/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/13/25	
<i>Surrogate: Bromofluorobenzene</i>		95.8 %	70-130	05/12/25	05/13/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %	70-130	05/12/25	05/13/25	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	05/12/25	05/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2520014
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/13/25	
<i>Surrogate: Bromofluorobenzene</i>		95.8 %	70-130	05/12/25	05/13/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %	70-130	05/12/25	05/13/25	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	05/12/25	05/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2520032
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/14/25	
<i>Surrogate: n-Nonane</i>		103 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2520085
Chloride	ND	20.0	1	05/14/25	05/15/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 4:04:17PM
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BH09 4'

E505131-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2520014
Benzene	ND	0.0250	1	05/12/25	05/13/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/13/25	
Toluene	ND	0.0250	1	05/12/25	05/13/25	
o-Xylene	ND	0.0250	1	05/12/25	05/13/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/13/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/13/25	
<i>Surrogate: Bromofluorobenzene</i>		96.3 %	70-130	05/12/25	05/13/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.5 %	70-130	05/12/25	05/13/25	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	05/12/25	05/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2520014
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/13/25	
<i>Surrogate: Bromofluorobenzene</i>		96.3 %	70-130	05/12/25	05/13/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.5 %	70-130	05/12/25	05/13/25	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	05/12/25	05/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2520032
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/14/25	
<i>Surrogate: n-Nonane</i>		103 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2520085
Chloride	ND	20.0	1	05/14/25	05/15/25	



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 4:04:17PM
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Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2520014-BLK1)

Prepared: 05/12/25 Analyzed: 05/13/25

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: Bromofluorobenzene	0.492		0.500		98.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.5	70-130			
Surrogate: Toluene-d8	0.493		0.500		98.5	70-130			

LCS (2520014-BS1)

Prepared: 05/12/25 Analyzed: 05/13/25

Benzene	2.31	0.0250	2.50		92.4	70-130			
Ethylbenzene	2.32	0.0250	2.50		92.8	70-130			
Toluene	2.25	0.0250	2.50		90.0	70-130			
o-Xylene	2.22	0.0250	2.50		88.9	70-130			
p,m-Xylene	4.47	0.0500	5.00		89.4	70-130			
Total Xylenes	6.69	0.0250	7.50		89.2	70-130			
Surrogate: Bromofluorobenzene	0.480		0.500		95.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.505		0.500		101	70-130			
Surrogate: Toluene-d8	0.500		0.500		99.9	70-130			

Matrix Spike (2520014-MS1)

Source: E505130-02

Prepared: 05/12/25 Analyzed: 05/13/25

Benzene	2.20	0.0250	2.50	ND	87.9	48-131			
Ethylbenzene	2.16	0.0250	2.50	ND	86.5	45-135			
Toluene	2.09	0.0250	2.50	ND	83.7	48-130			
o-Xylene	2.05	0.0250	2.50	ND	82.2	43-135			
p,m-Xylene	4.07	0.0500	5.00	ND	81.3	43-135			
Total Xylenes	6.12	0.0250	7.50	ND	81.6	43-135			
Surrogate: Bromofluorobenzene	0.488		0.500		97.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		98.9	70-130			
Surrogate: Toluene-d8	0.486		0.500		97.2	70-130			

Matrix Spike Dup (2520014-MSD1)

Source: E505130-02

Prepared: 05/12/25 Analyzed: 05/13/25

Benzene	2.44	0.0250	2.50	ND	97.5	48-131	10.4	23	
Ethylbenzene	2.54	0.0250	2.50	ND	101	45-135	15.9	27	
Toluene	2.50	0.0250	2.50	ND	99.9	48-130	17.7	24	
o-Xylene	2.49	0.0250	2.50	ND	99.8	43-135	19.3	27	
p,m-Xylene	4.91	0.0500	5.00	ND	98.2	43-135	18.8	27	
Total Xylenes	7.40	0.0250	7.50	ND	98.7	43-135	19.0	27	
Surrogate: Bromofluorobenzene	0.495		0.500		98.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.508		0.500		102	70-130			
Surrogate: Toluene-d8	0.516		0.500		103	70-130			



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 4:04:17PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2520014-BLK1)

Prepared: 05/12/25 Analyzed: 05/13/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.492		0.500		98.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.5	70-130			
Surrogate: Toluene-d8	0.493		0.500		98.5	70-130			

LCS (2520014-BS2)

Prepared: 05/12/25 Analyzed: 05/13/25

Gasoline Range Organics (C6-C10)	50.6	20.0	50.0		101	70-130			
Surrogate: Bromofluorobenzene	0.506		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		97.9	70-130			
Surrogate: Toluene-d8	0.504		0.500		101	70-130			

Matrix Spike (2520014-MS2)

Source: E505130-02

Prepared: 05/12/25 Analyzed: 05/13/25

Gasoline Range Organics (C6-C10)	52.9	20.0	50.0	ND	106	70-130			
Surrogate: Bromofluorobenzene	0.501		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.502		0.500		100	70-130			
Surrogate: Toluene-d8	0.507		0.500		101	70-130			

Matrix Spike Dup (2520014-MSD2)

Source: E505130-02

Prepared: 05/12/25 Analyzed: 05/13/25

Gasoline Range Organics (C6-C10)	48.2	20.0	50.0	ND	96.4	70-130	9.39	20	
Surrogate: Bromofluorobenzene	0.498		0.500		99.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.7	70-130			
Surrogate: Toluene-d8	0.515		0.500		103	70-130			



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 4:04:17PM
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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 (2520032-BLK1)

Prepared: 05/13/25 Analyzed: 05/14/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	50.0		50.0		99.9	61-141			

LCS (2520032-BS1)

Prepared: 05/13/25 Analyzed: 05/14/25

Diesel Range Organics (C10-C28)	267	25.0	250		107	66-144			
Surrogate: <i>n</i> -Nonane	50.8		50.0		102	61-141			

Matrix Spike (2520032-MS1)

Source: E505130-05

Prepared: 05/13/25 Analyzed: 05/14/25

Diesel Range Organics (C10-C28)	277	25.0	250	ND	111	56-156			
Surrogate: <i>n</i> -Nonane	52.5		50.0		105	61-141			

Matrix Spike Dup (2520032-MSD1)

Source: E505130-05

Prepared: 05/13/25 Analyzed: 05/14/25

Diesel Range Organics (C10-C28)	284	25.0	250	ND	114	56-156	2.52	20	
Surrogate: <i>n</i> -Nonane	52.9		50.0		106	61-141			



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 4:04:17PM
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Anions by EPA 300.0/9056A

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 (2520085-BLK1)

Prepared: 05/14/25 Analyzed: 05/15/25

Chloride ND 20.0

LCS (2520085-BS1)

Prepared: 05/14/25 Analyzed: 05/15/25

Chloride 255 20.0 250 102 90-110

Matrix Spike (2520085-MS1)

Source: E505130-03

Prepared: 05/14/25 Analyzed: 05/15/25

Chloride 365 20.0 250 102 105 80-120

Matrix Spike Dup (2520085-MSD1)

Source: E505130-03

Prepared: 05/14/25 Analyzed: 05/15/25

Chloride 422 20.0 250 102 128 80-120 14.5 20 M2

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

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NMAN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 05/16/25 16:04
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M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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: Crownquest Operating, LLC				Company: Etech Environmental & Safety Solutions				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project: NM AN 7				Address: 13000 W County Rd 100				ES05131		23077-001					x				
Project Manager: Sean Carter				City, State, Zip: Odessa, TX, 79765															
Address: 13000 W County Rd 100				Phone: 432-305-6413															
City, State, Zip: Odessa, TX, 79765				Email: ap@etechnv.com															
Phone: 432-305-6413				Miscellaneous: WO;; PN: 20468; IN:															
Email: NMTXGeoGroup@etechnv.com				NTO1418937492															
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
8:30	5/9/2025	S	1	BH09	0.5'	1								X		3.0			
8:40	5/9/2025	S	1	BH09	1'	2								X		3.1			
8:50	5/9/2025	S	1	BH09	2'	3								X		3.7			
9:00	5/9/2025	S	1	BH09	3'	4								X		3.8			
9:10	5/9/2025	S	1	BH09	4'	5								X		3.9			
05/09/2025																			
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: Edyte Konan																			
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							
<i>[Signature]</i>		05/09/25		14:10		<i>Michelle Gonzales</i>		5-9-25		1410									
<i>Michelle Gonzales</i>		5-9-25		1620		<i>[Signature]</i>		5-9-25		1620									
<i>[Signature]</i>		5-9-25		2215		<i>Noe Soto</i>		5-12-25		0830									
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: 5/12/2025 2:12:15PM

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:	Crown Quest Operating	Date Received:	05/12/25 08:30	Work Order ID:	E505131
Phone:	(505) 609-3819	Date Logged In:	05/09/25 16:12	Logged In By:	Caitlin Mars
Email:	nmtxgroup@etechnv.com	Due Date:	05/16/25 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:
Sean Carter



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Crown Quest Operating

Project Name: NM AN 7

Work Order: E505132

Job Number: 23077-0001

Received: 5/12/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/16/25

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: 5/16/25

Sean Carter
PO 2221
Farmington, NM 87499

Project Name: NM AN 7
Workorder: E505132
Date Received: 5/12/2025 8:30:00AM

Sean Carter,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/12/2025 8:30:00AM, under the Project Name: NM AN 7.

The analytical test results summarized in this report with the Project Name: NM AN 7 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

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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NMAN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 05/16/25 16:05
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH10 0.5'	E505132-01A	Soil	05/09/25	05/12/25	Glass Jar, 2 oz.
BH10 1'	E505132-02A	Soil	05/09/25	05/12/25	Glass Jar, 2 oz.
BH10 2'	E505132-03A	Soil	05/09/25	05/12/25	Glass Jar, 2 oz.
BH10 3'	E505132-04A	Soil	05/09/25	05/12/25	Glass Jar, 2 oz.
BH10 4'	E505132-05A	Soil	05/09/25	05/12/25	Glass Jar, 2 oz.



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 4:05:49PM
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BH10 0.5'
E505132-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: RKS		Batch: 2520014
Benzene	ND	0.0250	1	05/12/25	05/13/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/13/25	
Toluene	ND	0.0250	1	05/12/25	05/13/25	
o-Xylene	ND	0.0250	1	05/12/25	05/13/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/13/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/13/25	
<i>Surrogate: Bromofluorobenzene</i>		96.8 %	70-130	05/12/25	05/13/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	05/12/25	05/13/25	
<i>Surrogate: Toluene-d8</i>		98.7 %	70-130	05/12/25	05/13/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: RKS		Batch: 2520014
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/13/25	
<i>Surrogate: Bromofluorobenzene</i>		96.8 %	70-130	05/12/25	05/13/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	05/12/25	05/13/25	
<i>Surrogate: Toluene-d8</i>		98.7 %	70-130	05/12/25	05/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: KH		Batch: 2520032
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/14/25	
<i>Surrogate: n-Nonane</i>		100 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: RAS		Batch: 2520085
Chloride	58.0	20.0	1	05/14/25	05/15/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 4:05:49PM
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BH10 1'
E505132-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2520014
Benzene	ND	0.0250	1	05/12/25	05/13/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/13/25	
Toluene	ND	0.0250	1	05/12/25	05/13/25	
o-Xylene	ND	0.0250	1	05/12/25	05/13/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/13/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/13/25	
<i>Surrogate: Bromofluorobenzene</i>		94.0 %	70-130	05/12/25	05/13/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %	70-130	05/12/25	05/13/25	
<i>Surrogate: Toluene-d8</i>		99.7 %	70-130	05/12/25	05/13/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2520014
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/13/25	
<i>Surrogate: Bromofluorobenzene</i>		94.0 %	70-130	05/12/25	05/13/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %	70-130	05/12/25	05/13/25	
<i>Surrogate: Toluene-d8</i>		99.7 %	70-130	05/12/25	05/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2520032
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/14/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2520085
Chloride	53.0	20.0	1	05/14/25	05/15/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 4:05:49PM
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BH10 2'
E505132-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2520014
Benzene	ND	0.0250	1	05/12/25	05/13/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/13/25	
Toluene	ND	0.0250	1	05/12/25	05/13/25	
o-Xylene	ND	0.0250	1	05/12/25	05/13/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/13/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/13/25	
<i>Surrogate: Bromofluorobenzene</i>		97.7 %	70-130	05/12/25	05/13/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.6 %	70-130	05/12/25	05/13/25	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	05/12/25	05/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2520014
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/13/25	
<i>Surrogate: Bromofluorobenzene</i>		97.7 %	70-130	05/12/25	05/13/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.6 %	70-130	05/12/25	05/13/25	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	05/12/25	05/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2520032
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/14/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2520085
Chloride	57.5	20.0	1	05/14/25	05/15/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 4:05:49PM
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BH10 3'
E505132-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2520014
Benzene	ND	0.0250	1	05/12/25	05/13/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/13/25	
Toluene	ND	0.0250	1	05/12/25	05/13/25	
o-Xylene	ND	0.0250	1	05/12/25	05/13/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/13/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/13/25	
<i>Surrogate: Bromofluorobenzene</i>		96.1 %	70-130	05/12/25	05/13/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.1 %	70-130	05/12/25	05/13/25	
<i>Surrogate: Toluene-d8</i>		99.3 %	70-130	05/12/25	05/13/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2520014
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/13/25	
<i>Surrogate: Bromofluorobenzene</i>		96.1 %	70-130	05/12/25	05/13/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.1 %	70-130	05/12/25	05/13/25	
<i>Surrogate: Toluene-d8</i>		99.3 %	70-130	05/12/25	05/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2520032
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/14/25	
<i>Surrogate: n-Nonane</i>		99.7 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2520085
Chloride	ND	20.0	1	05/14/25	05/15/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 4:05:49PM
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BH10 4'
E505132-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2520014
Benzene	ND	0.0250	1	05/12/25	05/13/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/13/25	
Toluene	ND	0.0250	1	05/12/25	05/13/25	
o-Xylene	ND	0.0250	1	05/12/25	05/13/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/13/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/13/25	
<i>Surrogate: Bromofluorobenzene</i>		99.1 %	70-130	05/12/25	05/13/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %	70-130	05/12/25	05/13/25	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	05/12/25	05/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2520014
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/13/25	
<i>Surrogate: Bromofluorobenzene</i>		99.1 %	70-130	05/12/25	05/13/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %	70-130	05/12/25	05/13/25	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	05/12/25	05/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2520032
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/14/25	
<i>Surrogate: n-Nonane</i>		99.8 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2520085
Chloride	52.0	20.0	1	05/14/25	05/15/25	



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 4:05:49PM
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Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2520014-BLK1)

Prepared: 05/12/25 Analyzed: 05/13/25

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: Bromofluorobenzene	0.492		0.500		98.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.5	70-130			
Surrogate: Toluene-d8	0.493		0.500		98.5	70-130			

LCS (2520014-BS1)

Prepared: 05/12/25 Analyzed: 05/13/25

Benzene	2.31	0.0250	2.50		92.4	70-130			
Ethylbenzene	2.32	0.0250	2.50		92.8	70-130			
Toluene	2.25	0.0250	2.50		90.0	70-130			
o-Xylene	2.22	0.0250	2.50		88.9	70-130			
p,m-Xylene	4.47	0.0500	5.00		89.4	70-130			
Total Xylenes	6.69	0.0250	7.50		89.2	70-130			
Surrogate: Bromofluorobenzene	0.480		0.500		95.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.505		0.500		101	70-130			
Surrogate: Toluene-d8	0.500		0.500		99.9	70-130			

Matrix Spike (2520014-MS1)

Source: E505130-02

Prepared: 05/12/25 Analyzed: 05/13/25

Benzene	2.20	0.0250	2.50	ND	87.9	48-131			
Ethylbenzene	2.16	0.0250	2.50	ND	86.5	45-135			
Toluene	2.09	0.0250	2.50	ND	83.7	48-130			
o-Xylene	2.05	0.0250	2.50	ND	82.2	43-135			
p,m-Xylene	4.07	0.0500	5.00	ND	81.3	43-135			
Total Xylenes	6.12	0.0250	7.50	ND	81.6	43-135			
Surrogate: Bromofluorobenzene	0.488		0.500		97.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		98.9	70-130			
Surrogate: Toluene-d8	0.486		0.500		97.2	70-130			

Matrix Spike Dup (2520014-MSD1)

Source: E505130-02

Prepared: 05/12/25 Analyzed: 05/13/25

Benzene	2.44	0.0250	2.50	ND	97.5	48-131	10.4	23	
Ethylbenzene	2.54	0.0250	2.50	ND	101	45-135	15.9	27	
Toluene	2.50	0.0250	2.50	ND	99.9	48-130	17.7	24	
o-Xylene	2.49	0.0250	2.50	ND	99.8	43-135	19.3	27	
p,m-Xylene	4.91	0.0500	5.00	ND	98.2	43-135	18.8	27	
Total Xylenes	7.40	0.0250	7.50	ND	98.7	43-135	19.0	27	
Surrogate: Bromofluorobenzene	0.495		0.500		98.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.508		0.500		102	70-130			
Surrogate: Toluene-d8	0.516		0.500		103	70-130			



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 4:05:49PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2520014-BLK1)

Prepared: 05/12/25 Analyzed: 05/13/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.492		0.500		98.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.5	70-130			
Surrogate: Toluene-d8	0.493		0.500		98.5	70-130			

LCS (2520014-BS2)

Prepared: 05/12/25 Analyzed: 05/13/25

Gasoline Range Organics (C6-C10)	50.6	20.0	50.0		101	70-130			
Surrogate: Bromofluorobenzene	0.506		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		97.9	70-130			
Surrogate: Toluene-d8	0.504		0.500		101	70-130			

Matrix Spike (2520014-MS2)

Source: E505130-02

Prepared: 05/12/25 Analyzed: 05/13/25

Gasoline Range Organics (C6-C10)	52.9	20.0	50.0	ND	106	70-130			
Surrogate: Bromofluorobenzene	0.501		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.502		0.500		100	70-130			
Surrogate: Toluene-d8	0.507		0.500		101	70-130			

Matrix Spike Dup (2520014-MSD2)

Source: E505130-02

Prepared: 05/12/25 Analyzed: 05/13/25

Gasoline Range Organics (C6-C10)	48.2	20.0	50.0	ND	96.4	70-130	9.39	20	
Surrogate: Bromofluorobenzene	0.498		0.500		99.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.7	70-130			
Surrogate: Toluene-d8	0.515		0.500		103	70-130			



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 4:05:49PM
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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 (2520032-BLK1)

Prepared: 05/13/25 Analyzed: 05/14/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	50.0		50.0		99.9	61-141			

LCS (2520032-BS1)

Prepared: 05/13/25 Analyzed: 05/14/25

Diesel Range Organics (C10-C28)	267	25.0	250		107	66-144			
Surrogate: <i>n</i> -Nonane	50.8		50.0		102	61-141			

Matrix Spike (2520032-MS1)

Source: E505130-05

Prepared: 05/13/25 Analyzed: 05/14/25

Diesel Range Organics (C10-C28)	277	25.0	250	ND	111	56-156			
Surrogate: <i>n</i> -Nonane	52.5		50.0		105	61-141			

Matrix Spike Dup (2520032-MSD1)

Source: E505130-05

Prepared: 05/13/25 Analyzed: 05/14/25

Diesel Range Organics (C10-C28)	284	25.0	250	ND	114	56-156	2.52	20	
Surrogate: <i>n</i> -Nonane	52.9		50.0		106	61-141			



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 4:05:49PM
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Anions by EPA 300.0/9056A

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 (2520085-BLK1)

Prepared: 05/14/25 Analyzed: 05/15/25

Chloride	ND	20.0							
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LCS (2520085-BS1)

Prepared: 05/14/25 Analyzed: 05/15/25

Chloride	255	20.0	250		102	90-110			
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Matrix Spike (2520085-MS1)

Source: E505130-03

Prepared: 05/14/25 Analyzed: 05/15/25

Chloride	365	20.0	250	102	105	80-120			
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Matrix Spike Dup (2520085-MSD1)

Source: E505130-03

Prepared: 05/14/25 Analyzed: 05/15/25

Chloride	422	20.0	250	102	128	80-120	14.5	20	M2
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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

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NMAN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 05/16/25 16:05
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M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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.



Envirotech Analytical Laboratory

Printed: 5/12/2025 2:12:43PM

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:	Crown Quest Operating	Date Received:	05/12/25 08:30	Work Order ID:	E505132
Phone:	(505) 609-3819	Date Logged In:	05/09/25 16:13	Logged In By:	Caitlin Mars
Email:	nmtxgroup@etechnv.com	Due Date:	05/16/25 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:
Sean Carter



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Crown Quest Operating

Project Name: NM AN 7

Work Order: E505133

Job Number: 23077-0001

Received: 5/12/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/16/25

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: 5/16/25

Sean Carter
PO 2221
Farmington, NM 87499

Project Name: NM AN 7
Workorder: E505133
Date Received: 5/12/2025 8:30:00AM

Sean Carter,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/12/2025 8:30:00AM, under the Project Name: NM AN 7.

The analytical test results summarized in this report with the Project Name: NM AN 7 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

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NMAN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 05/16/25 16:07
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH11 0.5'	E505133-01A	Soil	05/09/25	05/12/25	Glass Jar, 2 oz.
BH11 1'	E505133-02A	Soil	05/09/25	05/12/25	Glass Jar, 2 oz.
BH11 2'	E505133-03A	Soil	05/09/25	05/12/25	Glass Jar, 2 oz.
BH11 3'	E505133-04A	Soil	05/09/25	05/12/25	Glass Jar, 2 oz.
BH11 4'	E505133-05A	Soil	05/09/25	05/12/25	Glass Jar, 2 oz.



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 4:07:30PM
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BH11 0.5'
E505133-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: RKS		Batch: 2520015
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: Bromofluorobenzene</i>		96.8 %	70-130	05/12/25	05/14/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	05/12/25	05/14/25	
<i>Surrogate: Toluene-d8</i>		97.5 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: RKS		Batch: 2520015
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: Bromofluorobenzene</i>		96.8 %	70-130	05/12/25	05/14/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	05/12/25	05/14/25	
<i>Surrogate: Toluene-d8</i>		97.5 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: KH		Batch: 2520032
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/14/25	
<i>Surrogate: n-Nonane</i>		104 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: RAS		Batch: 2520085
Chloride	ND	20.0	1	05/14/25	05/15/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 4:07:30PM
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BH11 1'

E505133-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2520015
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: Bromofluorobenzene</i>		96.2 %	70-130	05/12/25	05/14/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	05/12/25	05/14/25	
<i>Surrogate: Toluene-d8</i>		97.9 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2520015
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: Bromofluorobenzene</i>		96.2 %	70-130	05/12/25	05/14/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	05/12/25	05/14/25	
<i>Surrogate: Toluene-d8</i>		97.9 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2520032
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/14/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2520085
Chloride	ND	20.0	1	05/14/25	05/15/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 4:07:30PM
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BH11 2'
E505133-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2520015
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: Bromofluorobenzene</i>		97.4 %	70-130	05/12/25	05/14/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	05/12/25	05/14/25	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2520015
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: Bromofluorobenzene</i>		97.4 %	70-130	05/12/25	05/14/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	05/12/25	05/14/25	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2520032
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/14/25	
<i>Surrogate: n-Nonane</i>		99.4 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2520085
Chloride	202	20.0	1	05/14/25	05/15/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 4:07:30PM
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BH11 3'

E505133-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2520015
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	05/12/25	05/14/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	05/12/25	05/14/25	
<i>Surrogate: Toluene-d8</i>		99.7 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2520015
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	05/12/25	05/14/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	05/12/25	05/14/25	
<i>Surrogate: Toluene-d8</i>		99.7 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2520032
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/14/25	
<i>Surrogate: n-Nonane</i>		99.8 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2520085
Chloride	125	20.0	1	05/14/25	05/15/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 4:07:30PM
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BH11 4'

E505133-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2520015
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: Bromofluorobenzene</i>		97.4 %	70-130	05/12/25	05/14/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	05/12/25	05/14/25	
<i>Surrogate: Toluene-d8</i>		99.5 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2520015
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: Bromofluorobenzene</i>		97.4 %	70-130	05/12/25	05/14/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	05/12/25	05/14/25	
<i>Surrogate: Toluene-d8</i>		99.5 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2520032
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/14/25	
<i>Surrogate: n-Nonane</i>		104 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2520085
Chloride	80.4	20.0	1	05/14/25	05/15/25	



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 4:07:30PM
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Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD % %	RPD Limit %	Notes
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Blank (2520015-BLK1)

Prepared: 05/12/25 Analyzed: 05/14/25

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: Bromofluorobenzene	0.488		0.500		97.6		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.502		0.500		100		70-130		
Surrogate: Toluene-d8	0.490		0.500		98.0		70-130		

LCS (2520015-BS1)

Prepared: 05/12/25 Analyzed: 05/14/25

Benzene	2.56	0.0250	2.50		103		70-130		
Ethylbenzene	2.55	0.0250	2.50		102		70-130		
Toluene	2.49	0.0250	2.50		99.5		70-130		
o-Xylene	2.48	0.0250	2.50		99.4		70-130		
p,m-Xylene	5.03	0.0500	5.00		101		70-130		
Total Xylenes	7.52	0.0250	7.50		100		70-130		
Surrogate: Bromofluorobenzene	0.487		0.500		97.4		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.515		0.500		103		70-130		
Surrogate: Toluene-d8	0.494		0.500		98.8		70-130		

Matrix Spike (2520015-MS1)

Source: E505134-02

Prepared: 05/12/25 Analyzed: 05/14/25

Benzene	2.36	0.0250	2.50	ND	94.5		48-131		
Ethylbenzene	2.36	0.0250	2.50	ND	94.5		45-135		
Toluene	2.31	0.0250	2.50	ND	92.2		48-130		
o-Xylene	2.34	0.0250	2.50	ND	93.6		43-135		
p,m-Xylene	4.73	0.0500	5.00	ND	94.5		43-135		
Total Xylenes	7.07	0.0250	7.50	ND	94.2		43-135		
Surrogate: Bromofluorobenzene	0.495		0.500		98.9		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101		70-130		
Surrogate: Toluene-d8	0.493		0.500		98.6		70-130		

Matrix Spike Dup (2520015-MSD1)

Source: E505134-02

Prepared: 05/12/25 Analyzed: 05/14/25

Benzene	2.43	0.0250	2.50	ND	97.1		48-131	2.71	23
Ethylbenzene	2.44	0.0250	2.50	ND	97.7		45-135	3.29	27
Toluene	2.38	0.0250	2.50	ND	95.1		48-130	3.10	24
o-Xylene	2.38	0.0250	2.50	ND	95.0		43-135	1.55	27
p,m-Xylene	4.83	0.0500	5.00	ND	96.6		43-135	2.18	27
Total Xylenes	7.21	0.0250	7.50	ND	96.1		43-135	1.97	27
Surrogate: Bromofluorobenzene	0.489		0.500		97.7		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.517		0.500		103		70-130		
Surrogate: Toluene-d8	0.496		0.500		99.2		70-130		



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 4:07:30PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2520015-BLK1)

Prepared: 05/12/25 Analyzed: 05/14/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.488		0.500		97.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.502		0.500		100	70-130			
Surrogate: Toluene-d8	0.490		0.500		98.0	70-130			

LCS (2520015-BS2)

Prepared: 05/12/25 Analyzed: 05/14/25

Gasoline Range Organics (C6-C10)	49.9	20.0	50.0		99.9	70-130			
Surrogate: Bromofluorobenzene	0.491		0.500		98.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.6	70-130			
Surrogate: Toluene-d8	0.511		0.500		102	70-130			

Matrix Spike (2520015-MS2)

Source: E505134-02

Prepared: 05/12/25 Analyzed: 05/14/25

Gasoline Range Organics (C6-C10)	47.7	20.0	50.0	ND	95.4	70-130			
Surrogate: Bromofluorobenzene	0.490		0.500		98.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101	70-130			
Surrogate: Toluene-d8	0.496		0.500		99.2	70-130			

Matrix Spike Dup (2520015-MSD2)

Source: E505134-02

Prepared: 05/12/25 Analyzed: 05/14/25

Gasoline Range Organics (C6-C10)	52.8	20.0	50.0	ND	106	70-130	10.1	20	
Surrogate: Bromofluorobenzene	0.494		0.500		98.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.513		0.500		103	70-130			
Surrogate: Toluene-d8	0.512		0.500		102	70-130			



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 4:07:30PM
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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 (2520032-BLK1)

Prepared: 05/13/25 Analyzed: 05/14/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	50.0		50.0		99.9	61-141			

LCS (2520032-BS1)

Prepared: 05/13/25 Analyzed: 05/14/25

Diesel Range Organics (C10-C28)	267	25.0	250		107	66-144			
Surrogate: <i>n</i> -Nonane	50.8		50.0		102	61-141			

Matrix Spike (2520032-MS1)

Source: E505130-05

Prepared: 05/13/25 Analyzed: 05/14/25

Diesel Range Organics (C10-C28)	277	25.0	250	ND	111	56-156			
Surrogate: <i>n</i> -Nonane	52.5		50.0		105	61-141			

Matrix Spike Dup (2520032-MSD1)

Source: E505130-05

Prepared: 05/13/25 Analyzed: 05/14/25

Diesel Range Organics (C10-C28)	284	25.0	250	ND	114	56-156	2.52	20	
Surrogate: <i>n</i> -Nonane	52.9		50.0		106	61-141			



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 4:07:30PM
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Anions by EPA 300.0/9056A

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 (2520085-BLK1)

Prepared: 05/14/25 Analyzed: 05/15/25

Chloride	ND	20.0							
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LCS (2520085-BS1)

Prepared: 05/14/25 Analyzed: 05/15/25

Chloride	255	20.0	250	102	105	90-110			
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Matrix Spike (2520085-MS1)

Source: E505130-03

Prepared: 05/14/25 Analyzed: 05/15/25

Chloride	365	20.0	250	102	105	80-120			
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Matrix Spike Dup (2520085-MSD1)

Source: E505130-03

Prepared: 05/14/25 Analyzed: 05/15/25

Chloride	422	20.0	250	102	128	80-120	14.5	20	M2
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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

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NMAN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 05/16/25 16:07
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M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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: Crownquest Operating, LLC				Company: Etech Environmental & Safety Solutions				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project: NM AN 7				Address: 13000 W County Rd 100				E505133		23077-0001					x				
Project Manager: Sean Carter				City, State, Zip: Odessa, TX, 79765															
Address: 13000 W County Rd 100				Phone: 432-305-6413															
City, State, Zip: Odessa, TX, 79765				Email: ap@etechenv.com															
Phone: 432-305-6413				Miscellaneous: WO;; PN: 20468; IN:															
Email: NMTXGeoGroup@etechenv.com				NTO1418937492															
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	TCEDQ 1005 - TX	RCRA 8 Metals	B6DOCC - NM	B6DOCC - TX	SDWA	CWA	RCRA	
10:10	5/9/2025	S	1	BH11	0.5'	1								X					
10:20	5/9/2025	S	1	BH11	1'	2								X					
10:30	5/9/2025	S	1	BH11	2'	3								X					
10:40	5/9/2025	S	1	BH11	3'	4								X					
10:50	5/9/2025	S	1	BH11	4'	5								X					
05/09/2025																			
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: Edyte Konan																			
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="radio"/> Y <input type="radio"/> N							
<i>Edyte Konan</i>		05/09/25		14:10		<i>Michelle Gonzales</i>		5-9-25		1410									
<i>Michelle Gonzales</i>		5-9-25		1620		<i>[Signature]</i>		5-9-25		1620									
<i>[Signature]</i>		5-9-25		2215		<i>Noe Soto</i>		5-9-25		0830									
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: 5/12/2025 2:13:27PM

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: Crown Quest Operating Date Received: 05/12/25 08:30 Work Order ID: E505133
Phone: (505) 609-3819 Date Logged In: 05/09/25 16:14 Logged In By: Caitlin Mars
Email: nmtxgroup@etechnv.com Due Date: 05/16/25 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.

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

Empty box for client instruction.

Comments/Resolution

Large empty box for comments/resolution.

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

Date



envirotech Inc.

Report to:
Sean Carter



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Crown Quest Operating

Project Name: NM AN 7

Work Order: E505134

Job Number: 23077-0001

Received: 5/12/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/16/25

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: 5/16/25

Sean Carter
PO 2221
Farmington, NM 87499

Project Name: NM AN 7
Workorder: E505134
Date Received: 5/12/2025 8:30:00AM

Sean Carter,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/12/2025 8:30:00AM, under the Project Name: NM AN 7.

The analytical test results summarized in this report with the Project Name: NM AN 7 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

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NMAN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 05/16/25 12:15
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH12 0.5'	E505134-01A	Soil	05/09/25	05/12/25	Glass Jar, 2 oz.
BH12 1'	E505134-02A	Soil	05/09/25	05/12/25	Glass Jar, 2 oz.
BH12 2'	E505134-03A	Soil	05/09/25	05/12/25	Glass Jar, 2 oz.
BH12 3'	E505134-04A	Soil	05/09/25	05/12/25	Glass Jar, 2 oz.
BH12 4'	E505134-05A	Soil	05/09/25	05/12/25	Glass Jar, 2 oz.



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 12:15:42PM
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BH12 0.5'
E505134-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: RKS		Batch: 2520015
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: Bromofluorobenzene</i>		97.9 %	70-130	05/12/25	05/14/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		106 %	70-130	05/12/25	05/14/25	
<i>Surrogate: Toluene-d8</i>		99.2 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: RKS		Batch: 2520015
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: Bromofluorobenzene</i>		97.9 %	70-130	05/12/25	05/14/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		106 %	70-130	05/12/25	05/14/25	
<i>Surrogate: Toluene-d8</i>		99.2 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: HM		Batch: 2520033
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/15/25	
<i>Surrogate: n-Nonane</i>		115 %	61-141	05/13/25	05/15/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: RAS		Batch: 2520086
Chloride	215	20.0	1	05/14/25	05/15/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 12:15:42PM
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BH12 1'
E505134-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2520015
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	05/12/25	05/14/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	05/12/25	05/14/25	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2520015
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	05/12/25	05/14/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	05/12/25	05/14/25	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2520033
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/15/25	
<i>Surrogate: n-Nonane</i>		114 %	61-141	05/13/25	05/15/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2520086
Chloride	ND	20.0	1	05/14/25	05/15/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 12:15:42PM
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BH12 2'
E505134-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2520015
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: Bromofluorobenzene</i>		96.0 %	70-130	05/12/25	05/14/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	05/12/25	05/14/25	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2520015
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: Bromofluorobenzene</i>		96.0 %	70-130	05/12/25	05/14/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	05/12/25	05/14/25	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2520033
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/15/25	
<i>Surrogate: n-Nonane</i>		115 %	61-141	05/13/25	05/15/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2520086
Chloride	32.1	20.0	1	05/14/25	05/15/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 12:15:42PM
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BH12 3'

E505134-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2520015
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: Bromofluorobenzene</i>		97.0 %	70-130	05/12/25	05/14/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	05/12/25	05/14/25	
<i>Surrogate: Toluene-d8</i>		99.7 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2520015
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: Bromofluorobenzene</i>		97.0 %	70-130	05/12/25	05/14/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	05/12/25	05/14/25	
<i>Surrogate: Toluene-d8</i>		99.7 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2520033
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/15/25	
<i>Surrogate: n-Nonane</i>		113 %	61-141	05/13/25	05/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2520086
Chloride	43.7	20.0	1	05/14/25	05/15/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 12:15:42PM
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BH12 4'
E505134-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2520015
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: Bromofluorobenzene</i>		97.8 %	70-130	05/12/25	05/14/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	05/12/25	05/14/25	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2520015
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: Bromofluorobenzene</i>		97.8 %	70-130	05/12/25	05/14/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	05/12/25	05/14/25	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2520033
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/15/25	
<i>Surrogate: n-Nonane</i>		110 %	61-141	05/13/25	05/15/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2520086
Chloride	41.9	20.0	1	05/14/25	05/15/25	



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 12:15:42PM
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Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2520015-BLK1)

Prepared: 05/12/25 Analyzed: 05/14/25

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: Bromofluorobenzene	0.488		0.500		97.6		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.502		0.500		100		70-130		
Surrogate: Toluene-d8	0.490		0.500		98.0		70-130		

LCS (2520015-BS1)

Prepared: 05/12/25 Analyzed: 05/14/25

Benzene	2.56	0.0250	2.50		103		70-130		
Ethylbenzene	2.55	0.0250	2.50		102		70-130		
Toluene	2.49	0.0250	2.50		99.5		70-130		
o-Xylene	2.48	0.0250	2.50		99.4		70-130		
p,m-Xylene	5.03	0.0500	5.00		101		70-130		
Total Xylenes	7.52	0.0250	7.50		100		70-130		
Surrogate: Bromofluorobenzene	0.487		0.500		97.4		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.515		0.500		103		70-130		
Surrogate: Toluene-d8	0.494		0.500		98.8		70-130		

Matrix Spike (2520015-MS1)

Source: E505134-02

Prepared: 05/12/25 Analyzed: 05/14/25

Benzene	2.36	0.0250	2.50	ND	94.5		48-131		
Ethylbenzene	2.36	0.0250	2.50	ND	94.5		45-135		
Toluene	2.31	0.0250	2.50	ND	92.2		48-130		
o-Xylene	2.34	0.0250	2.50	ND	93.6		43-135		
p,m-Xylene	4.73	0.0500	5.00	ND	94.5		43-135		
Total Xylenes	7.07	0.0250	7.50	ND	94.2		43-135		
Surrogate: Bromofluorobenzene	0.495		0.500		98.9		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101		70-130		
Surrogate: Toluene-d8	0.493		0.500		98.6		70-130		

Matrix Spike Dup (2520015-MSD1)

Source: E505134-02

Prepared: 05/12/25 Analyzed: 05/14/25

Benzene	2.43	0.0250	2.50	ND	97.1		48-131	2.71	23
Ethylbenzene	2.44	0.0250	2.50	ND	97.7		45-135	3.29	27
Toluene	2.38	0.0250	2.50	ND	95.1		48-130	3.10	24
o-Xylene	2.38	0.0250	2.50	ND	95.0		43-135	1.55	27
p,m-Xylene	4.83	0.0500	5.00	ND	96.6		43-135	2.18	27
Total Xylenes	7.21	0.0250	7.50	ND	96.1		43-135	1.97	27
Surrogate: Bromofluorobenzene	0.489		0.500		97.7		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.517		0.500		103		70-130		
Surrogate: Toluene-d8	0.496		0.500		99.2		70-130		



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 12:15:42PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2520015-BLK1)

Prepared: 05/12/25 Analyzed: 05/14/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.488		0.500		97.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.502		0.500		100	70-130			
Surrogate: Toluene-d8	0.490		0.500		98.0	70-130			

LCS (2520015-BS2)

Prepared: 05/12/25 Analyzed: 05/14/25

Gasoline Range Organics (C6-C10)	49.9	20.0	50.0		99.9	70-130			
Surrogate: Bromofluorobenzene	0.491		0.500		98.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.6	70-130			
Surrogate: Toluene-d8	0.511		0.500		102	70-130			

Matrix Spike (2520015-MS2)

Source: E505134-02

Prepared: 05/12/25 Analyzed: 05/14/25

Gasoline Range Organics (C6-C10)	47.7	20.0	50.0	ND	95.4	70-130			
Surrogate: Bromofluorobenzene	0.490		0.500		98.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101	70-130			
Surrogate: Toluene-d8	0.496		0.500		99.2	70-130			

Matrix Spike Dup (2520015-MSD2)

Source: E505134-02

Prepared: 05/12/25 Analyzed: 05/14/25

Gasoline Range Organics (C6-C10)	52.8	20.0	50.0	ND	106	70-130	10.1	20	
Surrogate: Bromofluorobenzene	0.494		0.500		98.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.513		0.500		103	70-130			
Surrogate: Toluene-d8	0.512		0.500		102	70-130			



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 12:15:42PM
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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 (2520033-BLK1)

Prepared: 05/13/25 Analyzed: 05/15/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	56.4		50.0		113	61-141			

LCS (2520033-BS1)

Prepared: 05/13/25 Analyzed: 05/15/25

Diesel Range Organics (C10-C28)	300	25.0	250		120	66-144			
Surrogate: <i>n</i> -Nonane	56.6		50.0		113	61-141			

Matrix Spike (2520033-MS1)

Source: E505135-01

Prepared: 05/13/25 Analyzed: 05/15/25

Diesel Range Organics (C10-C28)	309	25.0	250	ND	124	56-156			
Surrogate: <i>n</i> -Nonane	57.5		50.0		115	61-141			

Matrix Spike Dup (2520033-MSD1)

Source: E505135-01

Prepared: 05/13/25 Analyzed: 05/15/25

Diesel Range Organics (C10-C28)	315	25.0	250	ND	126	56-156	1.79	20	
Surrogate: <i>n</i> -Nonane	48.5		50.0		97.1	61-141			



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/16/2025 12:15:42PM
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Anions by EPA 300.0/9056A

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 (2520086-BLK1)

Prepared: 05/14/25 Analyzed: 05/15/25

Chloride ND 20.0

LCS (2520086-BS1)

Prepared: 05/14/25 Analyzed: 05/15/25

Chloride 253 20.0 250 101 90-110

Matrix Spike (2520086-MS1)

Source: E505134-05

Prepared: 05/14/25 Analyzed: 05/15/25

Chloride 295 20.0 250 41.9 101 80-120

Matrix Spike Dup (2520086-MSD1)

Source: E505134-05

Prepared: 05/14/25 Analyzed: 05/15/25

Chloride 289 20.0 250 41.9 98.8 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

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NMAN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 05/16/25 12:15
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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.



Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Crownquest Operating, LLC				Company: Etech Environmental & Safety Solutions				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project: NM AN 7				Address: 13000 W County Rd 100				ES05134		23077-0801					x				
Project Manager: Sean Carter				City, State, Zip: Odessa, TX, 79765															
Address: 13000 W County Rd 100				Phone: 432-305-6413															
City, State, Zip: Odessa, TX, 79765				Email: ap@etechenv.com															
Phone: 432-305-6413				Miscellaneous: WO;; PN: 20468; IN:															
Email: NMTXGeoGroup@etechenv.com				NTO1418937492															
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	BGDOE - NM	BGDOE - TX	SDWA	CWA	RCRA	
11:00	5/9/2025	S	1	BH12	0.5'	1								X					
11:10	5/9/2025	S	1	BH12	1'	2								X					
11:20	5/9/2025	S	1	BH12	2'	3								X					
11:30	5/9/2025	S	1	BH12	3'	4								X					
11:40	5/9/2025	S	1	BH12	4'	5								X					
05/09/2025																			
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: Edyte Konan																			
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: 0/N							
		05/09/25		14:10		Michelle Gonzales		5.9.25		1410									
Michelle Gonzales		5.9.25		1620		John M.		5.9.25		1620									
John M.		5.9.25		2215		Noe Soto		5.12.25		0830									
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: 5/12/2025 2:13:59PM

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: Crown Quest Operating Date Received: 05/12/25 08:30 Work Order ID: E505134
Phone: (505) 609-3819 Date Logged In: 05/09/25 16:15 Logged In By: Caitlin Mars
Email: nmtxgroup@etechnv.com Due Date: 05/16/25 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.

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

Empty box for Client Instruction

Comments/Resolution

Large empty box for Comments/Resolution

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

Date



envirotech Inc.

Report to:
Sean Carter



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Crown Quest Operating

Project Name: NM AN 7

Work Order: E505135

Job Number: 23077-0001

Received: 5/12/2025

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/20/25

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: 5/20/25

Sean Carter
PO 2221
Farmington, NM 87499

Project Name: NM AN 7
Workorder: E505135
Date Received: 5/12/2025 8:30:00AM

Sean Carter,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/12/2025 8:30:00AM, under the Project Name: NM AN 7.

The analytical test results summarized in this report with the Project Name: NM AN 7 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
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Sample Summary

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NMAN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 05/20/25 15:20
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH13 0.5'	E505135-01A	Soil	05/09/25	05/12/25	Glass Jar, 2 oz.
BH13 1'	E505135-02A	Soil	05/09/25	05/12/25	Glass Jar, 2 oz.
BH13 2'	E505135-03A	Soil	05/09/25	05/12/25	Glass Jar, 2 oz.
BH13 3'	E505135-04A	Soil	05/09/25	05/12/25	Glass Jar, 2 oz.
BH13 4'	E505135-05A	Soil	05/09/25	05/12/25	Glass Jar, 2 oz.



Case Narrative:

Project Name: NM AN 7

Workorder:E505135

Date Received: 05/12/25 08:30

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>
BH13 1'	E505135-02	DRO/ORO 8015
BH13 2'	E505135-03	DRO/ORO 8015
BH13 3'	E505135-04	DRO/ORO 8015
BH13 4'	E505135-05	DRO/ORO 8015

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

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/20/2025 3:20:15PM
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BH13 0.5'

E505135-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2520015
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: Bromofluorobenzene</i>		98.8 %	70-130	05/12/25	05/14/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	05/12/25	05/14/25	
<i>Surrogate: Toluene-d8</i>		98.4 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2520015
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: Bromofluorobenzene</i>		98.8 %	70-130	05/12/25	05/14/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	05/12/25	05/14/25	
<i>Surrogate: Toluene-d8</i>		98.4 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2520033
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/15/25	
<i>Surrogate: n-Nonane</i>		112 %	61-141	05/13/25	05/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2520086
Chloride	202	20.0	1	05/14/25	05/15/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/20/2025 3:20:15PM
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BH13 1'
E505135-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2520015
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: Bromofluorobenzene</i>		98.8 %	70-130	05/12/25	05/14/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		105 %	70-130	05/12/25	05/14/25	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2520015
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: Bromofluorobenzene</i>		98.8 %	70-130	05/12/25	05/14/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		105 %	70-130	05/12/25	05/14/25	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2521012
Diesel Range Organics (C10-C28)	196	25.0	1	05/19/25	05/19/25	
Oil Range Organics (C28-C36)	93.8	50.0	1	05/19/25	05/19/25	
<i>Surrogate: n-Nonane</i>		109 %	61-141	05/19/25	05/19/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2520086
Chloride	ND	20.0	1	05/14/25	05/15/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/20/2025 3:20:15PM
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BH13 2'
E505135-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2520015
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: Bromofluorobenzene</i>		96.8 %	70-130	05/12/25	05/14/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	05/12/25	05/14/25	
<i>Surrogate: Toluene-d8</i>		96.2 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2520015
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: Bromofluorobenzene</i>		96.8 %	70-130	05/12/25	05/14/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	05/12/25	05/14/25	
<i>Surrogate: Toluene-d8</i>		96.2 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2521012
Diesel Range Organics (C10-C28)	221	25.0	1	05/19/25	05/19/25	
Oil Range Organics (C28-C36)	118	50.0	1	05/19/25	05/19/25	
<i>Surrogate: n-Nonane</i>		111 %	61-141	05/19/25	05/19/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2520086
Chloride	ND	20.0	1	05/14/25	05/15/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/20/2025 3:20:15PM
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BH13 3'
E505135-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2520015
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: Bromofluorobenzene</i>		99.8 %	70-130	05/12/25	05/14/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.5 %	70-130	05/12/25	05/14/25	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2520015
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: Bromofluorobenzene</i>		99.8 %	70-130	05/12/25	05/14/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.5 %	70-130	05/12/25	05/14/25	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2521012
Diesel Range Organics (C10-C28)	234	25.0	1	05/19/25	05/19/25	
Oil Range Organics (C28-C36)	129	50.0	1	05/19/25	05/19/25	
<i>Surrogate: n-Nonane</i>		114 %	61-141	05/19/25	05/19/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2520086
Chloride	ND	20.0	1	05/14/25	05/15/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/20/2025 3:20:15PM
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BH13 4'
E505135-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2520015
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: Bromofluorobenzene</i>		99.3 %	70-130	05/12/25	05/14/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.8 %	70-130	05/12/25	05/14/25	
<i>Surrogate: Toluene-d8</i>		100 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2520015
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: Bromofluorobenzene</i>		99.3 %	70-130	05/12/25	05/14/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.8 %	70-130	05/12/25	05/14/25	
<i>Surrogate: Toluene-d8</i>		100 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2521012
Diesel Range Organics (C10-C28)	239	25.0	1	05/19/25	05/19/25	
Oil Range Organics (C28-C36)	126	50.0	1	05/19/25	05/19/25	
<i>Surrogate: n-Nonane</i>		109 %	61-141	05/19/25	05/19/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2520086
Chloride	ND	20.0	1	05/14/25	05/15/25	



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/20/2025 3:20:15PM
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Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD % %	RPD Limit %	Notes
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Blank (2520015-BLK1)

Prepared: 05/12/25 Analyzed: 05/14/25

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: Bromofluorobenzene	0.488		0.500		97.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.502		0.500		100	70-130			
Surrogate: Toluene-d8	0.490		0.500		98.0	70-130			

LCS (2520015-BS1)

Prepared: 05/12/25 Analyzed: 05/14/25

Benzene	2.56	0.0250	2.50		103	70-130			
Ethylbenzene	2.55	0.0250	2.50		102	70-130			
Toluene	2.49	0.0250	2.50		99.5	70-130			
o-Xylene	2.48	0.0250	2.50		99.4	70-130			
p,m-Xylene	5.03	0.0500	5.00		101	70-130			
Total Xylenes	7.52	0.0250	7.50		100	70-130			
Surrogate: Bromofluorobenzene	0.487		0.500		97.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.515		0.500		103	70-130			
Surrogate: Toluene-d8	0.494		0.500		98.8	70-130			

Matrix Spike (2520015-MS1)

Source: E505134-02

Prepared: 05/12/25 Analyzed: 05/14/25

Benzene	2.36	0.0250	2.50	ND	94.5	48-131			
Ethylbenzene	2.36	0.0250	2.50	ND	94.5	45-135			
Toluene	2.31	0.0250	2.50	ND	92.2	48-130			
o-Xylene	2.34	0.0250	2.50	ND	93.6	43-135			
p,m-Xylene	4.73	0.0500	5.00	ND	94.5	43-135			
Total Xylenes	7.07	0.0250	7.50	ND	94.2	43-135			
Surrogate: Bromofluorobenzene	0.495		0.500		98.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101	70-130			
Surrogate: Toluene-d8	0.493		0.500		98.6	70-130			

Matrix Spike Dup (2520015-MSD1)

Source: E505134-02

Prepared: 05/12/25 Analyzed: 05/14/25

Benzene	2.43	0.0250	2.50	ND	97.1	48-131	2.71	23	
Ethylbenzene	2.44	0.0250	2.50	ND	97.7	45-135	3.29	27	
Toluene	2.38	0.0250	2.50	ND	95.1	48-130	3.10	24	
o-Xylene	2.38	0.0250	2.50	ND	95.0	43-135	1.55	27	
p,m-Xylene	4.83	0.0500	5.00	ND	96.6	43-135	2.18	27	
Total Xylenes	7.21	0.0250	7.50	ND	96.1	43-135	1.97	27	
Surrogate: Bromofluorobenzene	0.489		0.500		97.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.517		0.500		103	70-130			
Surrogate: Toluene-d8	0.496		0.500		99.2	70-130			



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/20/2025 3:20:15PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2520015-BLK1)

Prepared: 05/12/25 Analyzed: 05/14/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.488		0.500		97.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.502		0.500		100	70-130			
Surrogate: Toluene-d8	0.490		0.500		98.0	70-130			

LCS (2520015-BS2)

Prepared: 05/12/25 Analyzed: 05/14/25

Gasoline Range Organics (C6-C10)	49.9	20.0	50.0		99.9	70-130			
Surrogate: Bromofluorobenzene	0.491		0.500		98.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.6	70-130			
Surrogate: Toluene-d8	0.511		0.500		102	70-130			

Matrix Spike (2520015-MS2)

Source: E505134-02

Prepared: 05/12/25 Analyzed: 05/14/25

Gasoline Range Organics (C6-C10)	47.7	20.0	50.0	ND	95.4	70-130			
Surrogate: Bromofluorobenzene	0.490		0.500		98.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101	70-130			
Surrogate: Toluene-d8	0.496		0.500		99.2	70-130			

Matrix Spike Dup (2520015-MSD2)

Source: E505134-02

Prepared: 05/12/25 Analyzed: 05/14/25

Gasoline Range Organics (C6-C10)	52.8	20.0	50.0	ND	106	70-130	10.1	20	
Surrogate: Bromofluorobenzene	0.494		0.500		98.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.513		0.500		103	70-130			
Surrogate: Toluene-d8	0.512		0.500		102	70-130			



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/20/2025 3:20:15PM
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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 (2521012-BLK1)

Prepared: 05/19/25 Analyzed: 05/19/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	65.5		50.0		131	61-141			

LCS (2521012-BS1)

Prepared: 05/19/25 Analyzed: 05/19/25

Diesel Range Organics (C10-C28)	294	25.0	250		118	66-144			
Surrogate: n-Nonane	55.2		50.0		110	61-141			

Matrix Spike (2521012-MS1)

Source: E505179-01

Prepared: 05/19/25 Analyzed: 05/19/25

Diesel Range Organics (C10-C28)	340	25.0	250	ND	136	56-156			
Surrogate: n-Nonane	62.9		50.0		126	61-141			

Matrix Spike Dup (2521012-MSD1)

Source: E505179-01

Prepared: 05/19/25 Analyzed: 05/19/25

Diesel Range Organics (C10-C28)	311	25.0	250	ND	124	56-156	8.76	20	
Surrogate: n-Nonane	56.3		50.0		113	61-141			



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NM AN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 5/20/2025 3:20:15PM
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Anions by EPA 300.0/9056A

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 (2520086-BLK1)

Prepared: 05/14/25 Analyzed: 05/15/25

Chloride	ND	20.0							
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LCS (2520086-BS1)

Prepared: 05/14/25 Analyzed: 05/15/25

Chloride	253	20.0	250		101	90-110			
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Matrix Spike (2520086-MS1)

Source: E505134-05

Prepared: 05/14/25 Analyzed: 05/15/25

Chloride	295	20.0	250	41.9	101	80-120			
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Matrix Spike Dup (2520086-MSD1)

Source: E505134-05

Prepared: 05/14/25 Analyzed: 05/15/25

Chloride	289	20.0	250	41.9	98.8	80-120	2.00	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

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: NMAN 7 Project Number: 23077-0001 Project Manager: Sean Carter	Reported: 05/20/25 15:20
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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.



Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Crownquest Operating, LLC				Company: Etech Environmental & Safety Solutions				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project: NM AN 7				Address: 13000 W County Rd 100				E 505/35		23077-001					x				
Project Manager: Sean Carter				City, State, Zip: Odessa, TX, 79765															
Address: 13000 W County Rd 100				Phone: 432-305-6413															
City, State, Zip: Odessa, TX, 79765				Email: ap@etechenv.com															
Phone: 432-305-6413				Miscellaneous: WO;; PN: 20468; IN:															
Email: NMTXGeoGroup@etechenv.com				NTO1418937492															
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	B6DOCC - NM	B6DOCC - TX	SDWA	CWA	RCRA	
11:50	5/9/2025	S	1	BH13	0.5'	1								X					
12:00	5/9/2025	S	1	BH13	1'	2								X					
12:10	5/9/2025	S	1	BH13	2'	3								X					
12:20	5/9/2025	S	1	BH13	3'	4								X					
12:30	5/9/2025	S	1	BH13	4'	5								X					
05/09/2025																			
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: Edyte Konan																			
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>		05/09/25		14:10		Michelle Gonzales		5-9-25		1410									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
<i>[Signature]</i>		5-9-25		1620		Andrew M.		5-9-25		1620									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Lab Use Only Received on ice: Q/N							
<i>[Signature]</i>		5-9-25		2215		Nee Saha		5-12-25		0830									
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: 5/12/2025 2:14:28PM

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: Crown Quest Operating	Date Received: 05/12/25 08:30	Work Order ID: E505135
Phone: (505) 609-3819	Date Logged In: 05/09/25 16:16	Logged In By: Caitlin Mars
Email: nmtxgroup@etechnv.com	Due Date: 05/16/25 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.

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

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

Date



envirotech Inc.

Client Information				Invoice Information				Lab Use Only				TAT			State						
Client: Crownquest Operating, LLC				Company: Etech Environmental & Safety Solutions				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX		
Project: NM AN 7				Address: 13000 W County Rd 100				E505135		23077-001					x						
Project Manager: Sean Carter				City, State, Zip: Odessa, TX, 79765																	
Address: 13000 W County Rd 100				Phone: 432-305-6413																	
City, State, Zip: Odessa, TX, 79765				Email: ap@etechnv.com																	
Phone: 432-305-6413				Miscellaneous: WO::, PN: 20468; IN:																	
Email: NMTXGeoGroup@etechnv.com				NTO1418937492																	
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	TEEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA			
11:50	5/9/2025	S	1	BH13	0.5'	1								X							
12:00	5/9/2025	S	1	BH13	1'	2	X							X							
12:10	5/9/2025	S	1	BH13	2'	3	X							X							
12:20	5/9/2025	S	1	BH13	3'	4	X							X							
12:30	5/9/2025	S	1	BH13	4'	5	X							X							
05/09/2025																Compliance			Y	or	N
																PWSID #					
																Sample Temp	Remarks				
																3.9	Client ordered				
																3.8	to re-extract				
																4.4	3 re-run samples				
																3.9	1-4' for				
																4.3	DRO/DRO.				
																NS 5-15-25					
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: Edyte Konan																					
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>		05/09/25	14:10	<i>Michelle Gonzales</i>		5-9-25	1410														
<i>Michelle Gonzales</i>		5-9-25	1620	<i>Andrew M.</i>		5-9-25	1620														
<i>Andrew M.</i>		5-9-25	2215	<i>Nae Saha</i>		5-12-25	0830														
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only													
								Received on ice: <i>Q/N</i>													
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:
Joseph Hernandez



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Crown Quest Operating

Project Name: AN AT BG Battery

Work Order: E507107

Job Number: 23077-0001

Received: 7/11/2025

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/21/25

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: 7/21/25

Joseph Hernandez
PO 2221
Farmington, NM 87499

Project Name: AN AT BG Battery
Workorder: E507107
Date Received: 7/11/2025 7:15:00AM

Joseph Hernandez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/11/2025 7:15:00AM, under the Project Name: AN AT BG Battery.

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

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

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

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

Respectfully,

Walter Hinchman
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Sample Summary

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: AN AT BG Battery Project Number: 23077-0001 Project Manager: Joseph Hernandez	Reported: 07/21/25 13:39
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS01 0-0.25'	E507107-01A	Soil	07/10/25	07/11/25	Glass Jar, 2 oz.
SS02 0-0.25'	E507107-02A	Soil	07/10/25	07/11/25	Glass Jar, 2 oz.



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: AN AT BG Battery Project Number: 23077-0001 Project Manager: Joseph Hernandez	Reported: 7/21/2025 1:39:32PM
--	---	---

SS01 0-0.25'

E507107-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528162	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/11/25	07/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.6 %	70-130	07/11/25	07/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2528182	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/11/25	07/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/11/25	07/15/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	07/11/25	07/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2529053	
Chloride	ND	20.0	1	07/15/25	07/15/25	



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: AN AT BG Battery Project Number: 23077-0001 Project Manager: Joseph Hernandez	Reported: 7/21/2025 1:39:32PM
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SS02 0-0.25'

E507107-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2528162
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/11/25	07/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.5 %	70-130	07/11/25	07/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2528182
Diesel Range Organics (C10-C28)	37.3	25.0	1	07/11/25	07/15/25	
Oil Range Organics (C28-C36)	79.0	50.0	1	07/11/25	07/15/25	
<i>Surrogate: n-Nonane</i>		96.1 %	61-141	07/11/25	07/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2529053
Chloride	64.0	20.0	1	07/15/25	07/15/25	



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: AN AT BG Battery Project Number: 23077-0001 Project Manager: Joseph Hernandez	Reported: 7/21/2025 1:39:32PM
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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 (2528162-BLK1)

Prepared: 07/11/25 Analyzed: 07/14/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.24		8.00		90.5	70-130			

LCS (2528162-BS2)

Prepared: 07/11/25 Analyzed: 07/14/25

Gasoline Range Organics (C6-C10)	40.9	20.0	50.0		81.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.37		8.00		92.2	70-130			

Matrix Spike (2528162-MS2)

Source: E507078-05

Prepared: 07/11/25 Analyzed: 07/14/25

Gasoline Range Organics (C6-C10)	47.2	20.0	50.0	ND	94.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.39		8.00		92.4	70-130			

Matrix Spike Dup (2528162-MSD2)

Source: E507078-05

Prepared: 07/11/25 Analyzed: 07/14/25

Gasoline Range Organics (C6-C10)	43.8	20.0	50.0	ND	87.7	70-130	7.39	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.33		8.00		91.7	70-130			



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: AN AT BG Battery Project Number: 23077-0001 Project Manager: Joseph Hernandez	Reported: 7/21/2025 1:39:32PM
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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 (2528182-BLK1)

Prepared: 07/11/25 Analyzed: 07/14/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.7		50.0		97.4	61-141			

LCS (2528182-BS1)

Prepared: 07/11/25 Analyzed: 07/14/25

Diesel Range Organics (C10-C28)	266	25.0	250		106	66-144			
Surrogate: n-Nonane	48.1		50.0		96.1	61-141			

Matrix Spike (2528182-MS1)

Source: E507078-06

Prepared: 07/11/25 Analyzed: 07/14/25

Diesel Range Organics (C10-C28)	275	25.0	250	ND	110	56-156			
Surrogate: n-Nonane	50.7		50.0		101	61-141			

Matrix Spike Dup (2528182-MSD1)

Source: E507078-06

Prepared: 07/11/25 Analyzed: 07/14/25

Diesel Range Organics (C10-C28)	275	25.0	250	ND	110	56-156	0.0485	20	
Surrogate: n-Nonane	50.4		50.0		101	61-141			



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: AN AT BG Battery Project Number: 23077-0001 Project Manager: Joseph Hernandez	Reported: 7/21/2025 1:39:32PM
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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 (2529053-BLK1)

Prepared: 07/15/25 Analyzed: 07/15/25

Chloride	ND	20.0							
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LCS (2529053-BS1)

Prepared: 07/15/25 Analyzed: 07/15/25

Chloride	253	20.0	250		101	90-110			
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Matrix Spike (2529053-MS1)

Source: E507147-24

Prepared: 07/15/25 Analyzed: 07/15/25

Chloride	308	20.0	250	53.8	102	80-120			
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Matrix Spike Dup (2529053-MSD1)

Source: E507147-24

Prepared: 07/15/25 Analyzed: 07/15/25

Chloride	302	20.0	250	53.8	99.1	80-120	2.03	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

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: AN AT BG Battery Project Number: 23077-0001 Project Manager: Joseph Hernandez	Reported: 07/21/25 13:39
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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.



Envirotech Analytical Laboratory

Printed: 7/11/2025 9:20:01AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client: Crown Quest Operating Date Received: 07/11/25 07:15 Work Order ID: E507107
Phone: 432-305-6413 Date Logged In: 07/10/25 16:31 Logged In By: Caitlin Mars
Email: nmtxgeogroup@ctechenv.com Due Date: 07/17/25 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? No
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

Sampled by not provided on COC.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

[Empty box for client instruction]

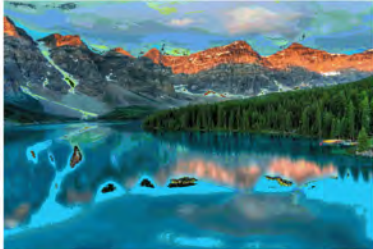
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Joseph Hernandez



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Crown Quest Operating

Project Name: AN AT BG Battery

Work Order: E508257

Job Number: 23077-0001

Received: 8/22/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/26/25

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: 8/26/25

Joseph Hernandez
PO 2221
Farmington, NM 87499

Project Name: AN AT BG Battery
Workorder: E508257
Date Received: 8/22/2025 3:50:00PM

Joseph Hernandez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/22/2025 3:50:00PM, under the Project Name: AN AT BG Battery.

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

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

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

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

Respectfully,

Walter Hinchman
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Sample Summary

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: AN AT BG Battery Project Number: 23077-0001 Project Manager: Joseph Hernandez	Reported: 08/26/25 14:13
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS03 0-0.25	E508257-01A	Soil	08/22/25	08/22/25	Glass Jar, 2 oz.



Sample Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: AN AT BG Battery Project Number: 23077-0001 Project Manager: Joseph Hernandez	Reported: 8/26/2025 2:13:36PM
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SS03 0-0.25

E508257-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2535008
Benzene	ND	0.0250	1	08/25/25	08/25/25	
Ethylbenzene	ND	0.0250	1	08/25/25	08/25/25	
Toluene	ND	0.0250	1	08/25/25	08/25/25	
o-Xylene	ND	0.0250	1	08/25/25	08/25/25	
p,m-Xylene	ND	0.0500	1	08/25/25	08/25/25	
Total Xylenes	ND	0.0250	1	08/25/25	08/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.0 %	70-130	08/25/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2535008
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/25/25	08/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.6 %	70-130	08/25/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2535004
Diesel Range Organics (C10-C28)	ND	25.0	1	08/25/25	08/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/25/25	08/25/25	
<i>Surrogate: n-Nonane</i>		83.6 %	61-141	08/25/25	08/25/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2535013
Chloride	ND	20.0	1	08/25/25	08/25/25	



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: AN AT BG Battery Project Number: 23077-0001 Project Manager: Joseph Hernandez	Reported: 8/26/2025 2:13:36PM
--	---	---

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2535008-BLK1)

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

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	7.91		8.00		98.9	70-130			

LCS (2535008-BS1)

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

Benzene	5.79	0.0250	5.00		116	70-130			
Ethylbenzene	5.62	0.0250	5.00		112	70-130			
Toluene	5.74	0.0250	5.00		115	70-130			
o-Xylene	5.53	0.0250	5.00		111	70-130			
p,m-Xylene	11.3	0.0500	10.0		113	70-130			
Total Xylenes	16.8	0.0250	15.0		112	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.83		8.00		97.9	70-130			

Matrix Spike (2535008-MS1)

Source: E508260-04

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

Benzene	5.62	0.0250	5.00	ND	112	70-130			
Ethylbenzene	5.40	0.0250	5.00	ND	108	70-130			
Toluene	5.54	0.0250	5.00	ND	111	70-130			
o-Xylene	5.30	0.0250	5.00	ND	106	70-130			
p,m-Xylene	10.9	0.0500	10.0	ND	109	70-130			
Total Xylenes	16.2	0.0250	15.0	ND	108	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.77		8.00		97.1	70-130			

Matrix Spike Dup (2535008-MSD1)

Source: E508260-04

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

Benzene	5.77	0.0250	5.00	ND	115	70-130	2.67	27	
Ethylbenzene	5.58	0.0250	5.00	ND	112	70-130	3.42	26	
Toluene	5.70	0.0250	5.00	ND	114	70-130	2.91	20	
o-Xylene	5.48	0.0250	5.00	ND	110	70-130	3.37	25	
p,m-Xylene	11.2	0.0500	10.0	ND	112	70-130	3.35	23	
Total Xylenes	16.7	0.0250	15.0	ND	111	70-130	3.36	26	
Surrogate: 4-Bromochlorobenzene-PID	7.83		8.00		97.8	70-130			



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: AN AT BG Battery Project Number: 23077-0001 Project Manager: Joseph Hernandez	Reported: 8/26/2025 2:13:36PM
--	---	---

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 (2535008-BLK1)

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

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		8.00		94.3	70-130			

LCS (2535008-BS2)

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

Gasoline Range Organics (C6-C10)	56.6	20.0	50.0		113	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.60		8.00		95.0	70-130			

Matrix Spike (2535008-MS2)

Source: E508260-04

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

Gasoline Range Organics (C6-C10)	57.2	20.0	50.0	ND	114	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.64		8.00		95.5	70-130			

Matrix Spike Dup (2535008-MSD2)

Source: E508260-04

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

Gasoline Range Organics (C6-C10)	56.2	20.0	50.0	ND	112	70-130	1.76	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.61		8.00		95.1	70-130			



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: AN AT BG Battery Project Number: 23077-0001 Project Manager: Joseph Hernandez	Reported: 8/26/2025 2:13:36PM
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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 (2535004-BLK1)

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

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	43.4		50.0		86.8	61-141			

LCS (2535004-BS1)

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

Diesel Range Organics (C10-C28)	241	25.0	250		96.5	66-144			
Surrogate: n-Nonane	43.6		50.0		87.1	61-141			

Matrix Spike (2535004-MS1)

Source: E508254-02

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

Diesel Range Organics (C10-C28)	612	25.0	250	354	103	56-156			
Surrogate: n-Nonane	47.7		50.0		95.5	61-141			

Matrix Spike Dup (2535004-MSD1)

Source: E508254-02

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

Diesel Range Organics (C10-C28)	599	25.0	250	354	98.0	56-156	2.22	20	
Surrogate: n-Nonane	46.8		50.0		93.6	61-141			



QC Summary Data

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: AN AT BG Battery Project Number: 23077-0001 Project Manager: Joseph Hernandez	Reported: 8/26/2025 2:13:36PM
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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 (2535013-BLK1)

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

Chloride ND 20.0

LCS (2535013-BS1)

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

Chloride 247 20.0 250 99.0 90-110

Matrix Spike (2535013-MS1)

Source: E508259-01

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

Chloride 262 20.0 250 ND 105 80-120

Matrix Spike Dup (2535013-MSD1)

Source: E508259-01

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

Chloride 263 20.0 250 ND 105 80-120 0.386 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

Crown Quest Operating PO 2221 Farmington NM, 87499	Project Name: AN AT BG Battery Project Number: 23077-0001 Project Manager: Joseph Hernandez	Reported: 08/26/25 14:13
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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: Crownquest Operating LLC.				Company: Etech Environmental Solutions				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: AN AT BG Battery				Address: 13000 W County Rd 100				E558257		23511-0001					*	x			
Project Manager: Joseph Hernandez				City, State, Zip: Odessa, TX, 79765												EPA Program			
Address: 13000 W County Rd 100				Phone: 432-563-2200												SDWA	CWA	RCRA	
City, State, Zip: Odessa, TX, 79765				Email: joseph@etechnv.com												Compliance	Y	or	N
Phone: 432-305-6413				Miscellaneous: PN:20468												PWSID #			
Email: NMTXGeoGroup@etechnv.com				IN: nTO1418937492												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	TEEQ 100's TX	RCRA 8 Metals	BGCOC - MM	TX - BGDQC	Sample Temp	Remarks		
09:46	8/22/25	soil	1	SS03	0-0.25	1	X	X	X		X					27	Client Changed TAT to 1-day 8/25/25 PM client requested to run BTEX.		
																	NS 8-25-25		
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.											
Michelle Gonzales		8-22-25	11:09	Michelle Gonzales		8-22-25	11:09												
Mariassa Gonzales		8-22-25	12:15	Mariassa Gonzales		8-22-25	12:15												
Noe Soto		8-22-25	12:55	Noe Soto		8-22-25	1:55												
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: Crownquest Operating LLC.				Company: Etech Environmental Solutions				Lab WO#				1D 2D 3D Std				NM CO UT TX			
Project Name: AN AT BG Battery				Address: 13000 W County Rd 100				EE68257				23017-0001 X				X			
Project Manager: Joseph Hernandez				City, State, Zip: Odessa, TX, 79765															
Address: 13000 W County Rd 100				Phone: 432-563-2200															
City, State, Zip: Odessa, TX, 79765				Email: joseph@etechenv.com															
Phone: 432-305-6413				Miscellaneous: PN:20468 IN:															
Email: NMTXGeoGroup@etechenv.com				nTO1418937492															
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	BCDOC - NM	BCDOC - TX	SDWA	CWA	RCRA	
09:46	8/22/25	soil	1	SS03	0-025	1	X	X		X									
																Compliance Y or N			
																PWSID #			
																Sample Temp			
																Remarks			
																Client Changed TAT to 1-day 8/25/25 CM			
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>				8/22/25		11:09		Michelle Gonzales				8-22-25		1109					
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time					
<i>[Signature]</i>				8-22-25		1215		Marissa Gonzales				8-22-25		1215					
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time					
<i>[Signature]</i>				8-22-25		12:50		Noe Soto				8-22-25		1550					
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: Y 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: Crownquest Operating LLC.				Company: Etech Environmental Solutions				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: AN AT BG Battery				Address: 13000 W County Rd 100				EE08257		23070001					x	x			
Project Manager: Joseph Hernandez				City, State, Zip: Odessa, TX, 79765															
Address: 13000 W County Rd 100				Phone: 432-563-2200															
City, State, Zip: Odessa, TX, 79765				Email: joseph@etechnv.com															
Phone: 432-305-6413				Miscellaneous: PN:20468															
Email: NMTXGeoGroup@etechnv.com				IN: nTO1418937492															
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	
09:46	8/22/25	soil	1	SS03	0-25	1	X	X			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:																			
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>		8/22/25		11:09		<i>Michelle Gonzales</i>		8-22-25		1109									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
<i>Michelle Gonzales</i>		8-22-25		1215		<i>Marissa Gonzales</i>		8-22-25		1215									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
<i>Marissa Gonzales</i>		8-22-25		121550		<i>Noe Soto</i>		8-22-25		1550									
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: 8/25/2025 9:18:03AM

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: Crown Quest Operating Date Received: 08/22/25 15:50 Work Order ID: E508257
Phone: 432-305-6413 Date Logged In: 08/22/25 15:12 Logged In By: Caitlin Mars
Email: nmtxgeogroup@ctechenv.com Due Date: 08/25/25 07:00 (1 day TAT)

Chain of Custody (COC)

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

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

Sampled by not provided on COC.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Empty box for client instruction.

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

Date



envirotech Inc.

APPENDIX J

Correspondence and Notifications

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 459672

QUESTIONS

Operator: CROWNQUEST OPERATING, LLC P.O. Box 53310 Midland, TX 79710	OGRID: 213190
	Action Number: 459672
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nTO1418937492
Incident Name	NTO1418937492 NEW MEXICO AN STATE #006 @ 30-025-01141
Incident Type	Other
Incident Status	Initial C-141 Approved
Incident Well	[30-025-01141] NEW MEXICO AN STATE #006

Location of Release Source	
Site Name	NEW MEXICO AN STATE #006
Date Release Discovered	05/24/2014
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	8,000
What is the estimated number of samples that will be gathered	13
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/09/2025
Time sampling will commence	11:30 AM
Please provide any information necessary for observers to contact samplers	Please contact Joseph Hernandez at 432.305.6413 with any questions.
Please provide any information necessary for navigation to sampling site	From the intersection of NM457 N & Warren Rd., go N on NM 457 N for 2.5 miles, turn right on the lease road for 0.4 miles, turn right for 56', turn left for 0.1 miles to reach site location GPS Coordinate (33.086502, -103.602367) for the NM AN 7 ROW.

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 459672

CONDITIONS

Operator: CROWNQUEST OPERATING, LLC P.O. Box 53310 Midland, TX 79710	OGRID: 213190
	Action Number: 459672
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
aritchie	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.	5/7/2025

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 482039

QUESTIONS

Operator: CROWNQUEST OPERATING, LLC P.O. Box 53310 Midland, TX 79710	OGRID: 213190
	Action Number: 482039
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nTO1418937492
Incident Name	NTO1418937492 NEW MEXICO AN STATE #006 @ 30-025-01141
Incident Type	Other
Incident Status	Initial C-141 Approved
Incident Well	[30-025-01141] NEW MEXICO AN STATE #006

Location of Release Source	
Site Name	NEW MEXICO AN STATE #006
Date Release Discovered	05/24/2014
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	8,000
What is the estimated number of samples that will be gathered	5
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/10/2025
Time sampling will commence	07:00 AM
Please provide any information necessary for observers to contact samplers	Please contact Joseph Hernandez at 432-305-6413 with any questions.
Please provide any information necessary for navigation to sampling site	From the intersection of NM 457 N & Warren Rd, go N on NM 457 N for 2.5 mi, turn right on the lease road for 0.4 mi, turn right for 56 ft, turn left for 0.1 mi to reach site location GPS Coordinate (33.086502, -103.602367) for the NM AN 7 ROW.

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

CONDITIONS

Action 482039

CONDITIONS

Operator: CROWNQUEST OPERATING, LLC P.O. Box 53310 Midland, TX 79710	OGRID: 213190
	Action Number: 482039
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
aritchie	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.	7/7/2025
aritchie	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.	7/7/2025

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 575916

QUESTIONS

Operator: CROWNQUEST OPERATING, LLC P.O. Box 53310 Midland, TX 79710	OGRID: 213190
	Action Number: 575916
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nTO1418937492
Incident Name	NTO1418937492 NEW MEXICO AN STATE #006 @ 30-025-01141
Incident Type	Other
Incident Status	Remediation Plan Received
Incident Well	[30-025-01141] NEW MEXICO AN STATE #006

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	NEW MEXICO AN STATE #006
Date Release Discovered	05/24/2014
Surface Owner	State

Incident Details	
<i>Please answer all the questions in this group.</i>	
Incident Type	Other
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
<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	Cause: Lightning Tank (Any) Crude Oil Released: 116 BBL Recovered: 116 BBL Lost: 0 BBL.
Produced Water Released (bbls) Details	Cause: Lightning Tank (Any) Produced Water Released: 114 BBL Recovered: 114 BBL Lost: 0 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Cause: Lightning Tank (Any) Other (Specify) Released: 230 BBL Recovered: 230 BBL Lost: 0 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)	Not answered.

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

General Information
Phone: (505) 629-6116

Online Phone Directory
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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, Page 2

Action 575916

QUESTIONS (continued)

Operator: CROWNQUEST OPERATING, LLC P.O. Box 53310 Midland, TX 79710	OGRID: 213190
	Action Number: 575916
	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: Ann Ritchie Title: Operator Administrator Email: ann.wtor@gmail.com Date: 04/15/2026
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QUESTIONS, Page 3

Action 575916

QUESTIONS (continued)

Operator: CROWNQUEST OPERATING, LLC P.O. Box 53310 Midland, TX 79710	OGRID: 213190
	Action Number: 575916
	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 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (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 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	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)	5610
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	7540
GRO+DRO (EPA SW-846 Method 8015M)	5680
BTEX (EPA SW-846 Method 8021B or 8260B)	0.3
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	05/07/2025
On what date will (or did) the final sampling or liner inspection occur	02/09/2026
On what date will (or was) the remediation complete(d)	02/09/2026
What is the estimated surface area (in square feet) that will be reclaimed	30628
What is the estimated volume (in cubic yards) that will be reclaimed	5672
What is the estimated surface area (in square feet) that will be remediated	30628
What is the estimated volume (in cubic yards) that will be remediated	5672

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 575916

QUESTIONS (continued)

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	Action Number: 575916
	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	fEEM0112334510 HALFWAY DISPOSAL AND LANDFILL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

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: Ann Ritchie Title: Operator Administrator Email: ann.wtor@gmail.com Date: 04/15/2026
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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 575916

QUESTIONS (continued)

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	Action Number: 575916
	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 575916

QUESTIONS (continued)

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	Action Number: 575916
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	482039
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/10/2025
What was the (estimated) number of samples that were to be gathered	5
What was the sampling surface area in square feet	8000

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 575916

CONDITIONS

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	Action Number: 575916
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CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	The Remediation Plan is Conditionally Approved. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Floor confirmation samples should be delineated/excavated to meet closure criteria standards for site assessment/characterization/proven depth to water determination. 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. Confirmation samples should be collected every 400 ft2. All off pad areas must meet reclamation standards set forth in the OCD Spill Rule. The work will need to occur in 90 days after the work plan has been reviewed.	4/16/2026