



April 22, 2026

New Mexico Oil Conservation Division
506 W. Texas Ave
Artesia, NM 88210

RE: **Buffalo Valley 8" – Closure Request Report Addendum No. 2**
Incident Number: nAPP2529335946
GPS: 33.035482°, -104.165093°
Chaves County, New Mexico
ESRR Project No. 7626

To Whom It May Concern:

Earth Systems Response & Restoration (ESRR), on behalf of Kinetik Midstream (Kinetik), presents the following Closure Request Report Addendum No. 2 (CRRA2) to document No Further Action (NFA) is warranted for the inadvertent release of produced water at the Buffalo Valley 8" (Site). Based on the recent soil sampling events and previously completed remedial actions documented in the previously submitted Closure Request Report (CRR) and Closure Request Report Addendum (CRRA), Kinetik is requesting NFA at the Site.

This CRRA2 presents the additional data following the rejection of the previously submitted CRRA for Incident Number nAPP2529335946. The CRRA, submitted on March 9, 2026, was rejected by the New Mexico Oil Conservation Division (NMOCD) on March 13, 2026, for the following:

- *"The Remediation Closure Report is Denied. Generally, pipelines are buried 3 to 6 feet deep to protect against corrosion, impact, and temperature changes. The OCD requests two boreholes be safely advanced in the release area on each side of the pipeline in 1-foot increments down to a depth of 10 feet near the "Point of Release." Each borehole should be advanced down to 10 feet on each side of the pipeline, while taking samples at each 1-foot increment to ensure contaminants are not present."*

On March 27, 2026, ESRR conducted an additional delineation soil sampling event to address the NMOCD's reasons for rejection above. Two delineation potholes (PH-01 and PH-02) were advanced via mechanical equipment. Delineation activities were driven by field screening soil for chloride utilizing QuanTab® test strips and volatile organic compounds by a calibrated Photo Ionization Detector (PID). Delineation soil samples were placed directly into lab-provided pre-cleaned jars, packed with minimal void space, labeled, and placed on ice. The delineation soil samples were then transported under strict chain-of-custody procedures, to Envirotech in Farmington, New Mexico, for analysis of total petroleum hydrocarbons, chloride, benzene, and total BTEX.

Laboratory analytical results for delineation soil sample (PH-01) indicated total TPH was above the Site Closure Criteria and the reclamation standard at 0.5 feet below ground surface (bgs). Elevated Total TPH is characterized by a concentration of 504 mg/kg.

Laboratory analytical results for the remaining delineation soil samples were compliant with Site Closure Criteria and the reclamation standard. Laboratory results are summarized in **Table 1**, included in the attachments. The locations of the additional delineation soil samples are shown in **Figure 2**.

Buffalo Valley 8" – Closure Request Report Addendum No. 2
Incident Number: nAPP2529335946
GPS: 32.702382°, -103.863279°



On April 8, 2026, a Kinetik third-party contractor performed additional excavation activities of identified impacts via mechanical equipment, associated with delineation soil sample PH-01. The excavation was vertically advanced to an approximate depth of 1-foot bgs.

Following the removal of soil, ESRR collected five-point composite soil samples at a sampling frequency of 200 square feet from the excavation floor (CS-101) and sidewalls (SW-5 and SW-6). The five-point composite soil samples were comprised of five equivalent aliquots homogenized in a 1-gallon resealable plastic bag. The confirmation soil samples were handled, labeled, transported, and analyzed as previously described, to Envirotech in Farmington, New Mexico, for analysis of the COCs.

Laboratory analytical results for the final confirmation soil samples (CS-101, SW-5 and SW-6) were compliant with Site Closure Criteria and the reclamation standard. Laboratory analytical results are summarized in **Table 1**, included in the attachments. The locations of the final confirmation soil samples are represented in **Figure 3. Photographic Documentation** of activities is attached.

Approximately 10 cubic yards (CY) of impacted soil was removed from the Site and transported to Lea Land, LLC Landfill near Carlsbad, New Mexico under Kinetik approved manifests. Upon receipt of the final confirmation soil samples results, the excavation was backfilled with clean, locally sourced soil and the Site was restored to "as close to its original state" as possible. The final soil cover was contoured to match the Site's pre-existing grade to prevent ponding of water and erosion.

Based on the laboratory analytical results in addition to the completed remedial actions documented in the previously submitted CRR and CRRA, Kinetik believes all actions to date meet the requirements set forth in NMAC 19.15.29.13 regulations in order to be protective of human health, the environment, and groundwater. As such, NFA appears warranted at this time, and Kinetik respectfully requests Closure of this CRRA2 associated with Incident Number nAPP2529335946.

If you have any questions or comments, please do not hesitate to contact Gilbert Moreno at (832) 541-7719 or gmoreno@earthsys.net. **Documentation and correspondence notifications, Executed chain-of-custody forms and laboratory analytical reports**, and the **Archived Reports** are attached.

Sincerely,

EARTH SYSTEMS RESPONSE & RESTORATION

A handwritten signature in black ink, appearing to read "G. Moreno".

Gilbert Moreno
Carlsbad Operations Manager/ Project Geologist

A handwritten signature in black ink, appearing to read "Kris Williams".

Kris Williams, CHMM, REM
Principal

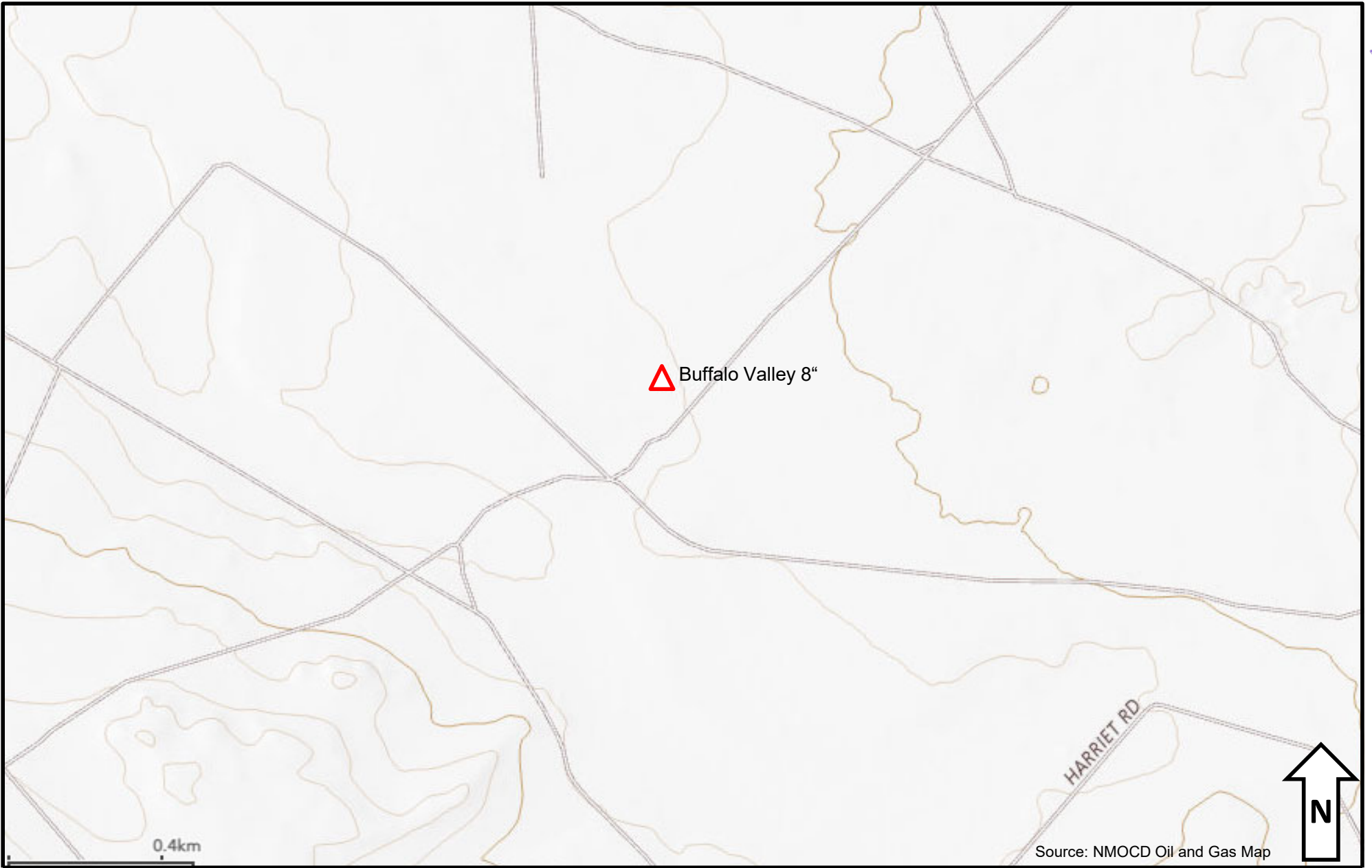
cc: Ivan Jimenez, Kinetik Midstream
New Mexico State Land Office

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Attachments:

- Figure 1 - Site Map
- Figure 1A - Groundwater
- Figure 1B - Karst Potential
- Figure 2 - Delineation Soil Sample Locations
- Figure 3 - Confirmation Soil Sample Locations
- Referenced Well Record
- Photographic Documentation
- Table 1 - Soil Sample Analytical Results
- NMOCD Email Documentation & Correspondence
- Executed Chain-of-Custody Forms and Laboratory Analytical Reports
- Archived Reports



Source: NMOCD Oil and Gas Map

Figure 1 – Site Map

Kinetik Midstream – Buffalo Valley 8"
GPS: 33.035482°, -104.165093°
Chaves County, New Mexico



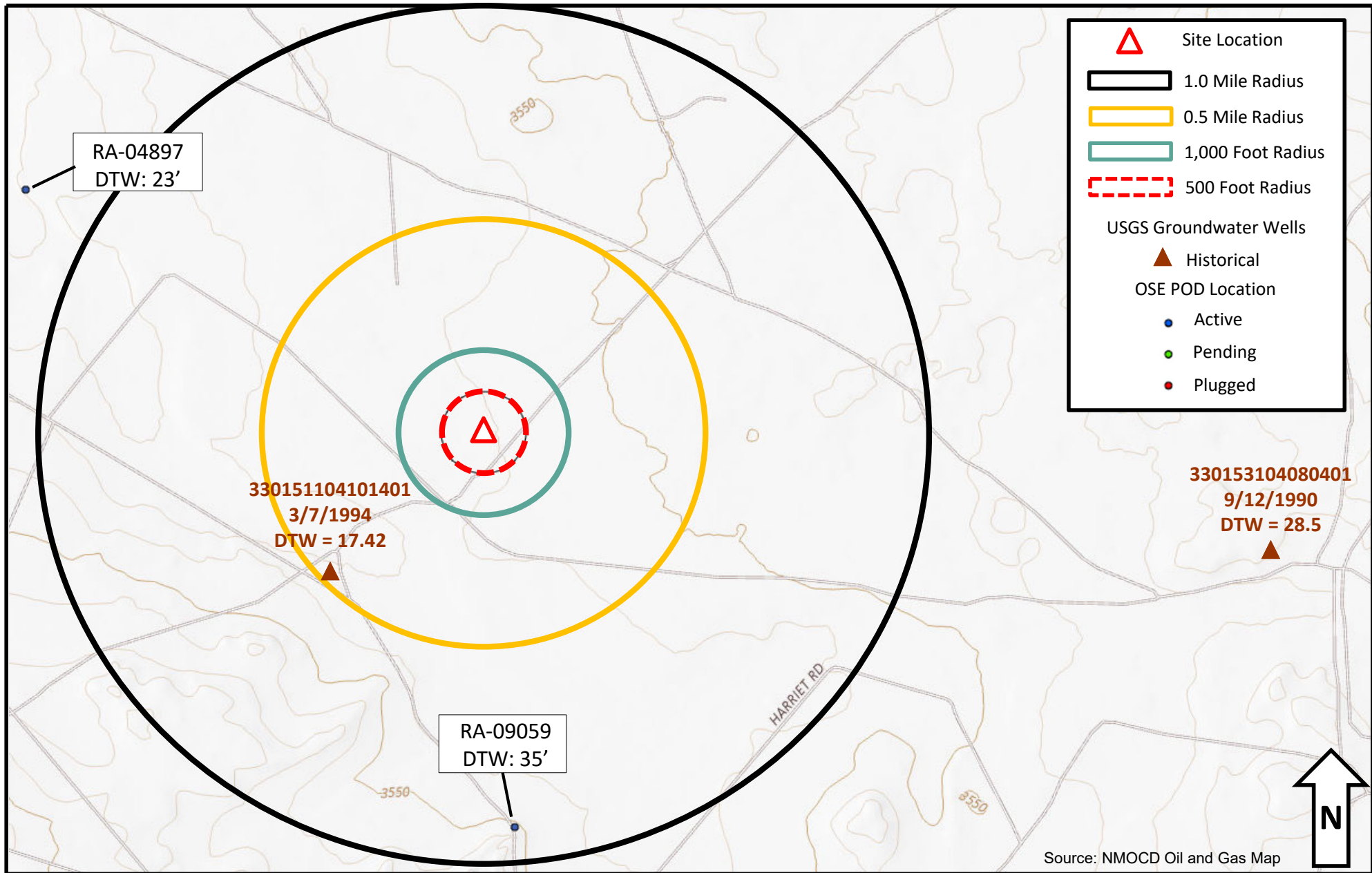


Figure 1A – Groundwater

Kinetik Midstream – Buffalo Valley 8"
GPS: 33.035482°, -104.165093°
Chaves County, New Mexico



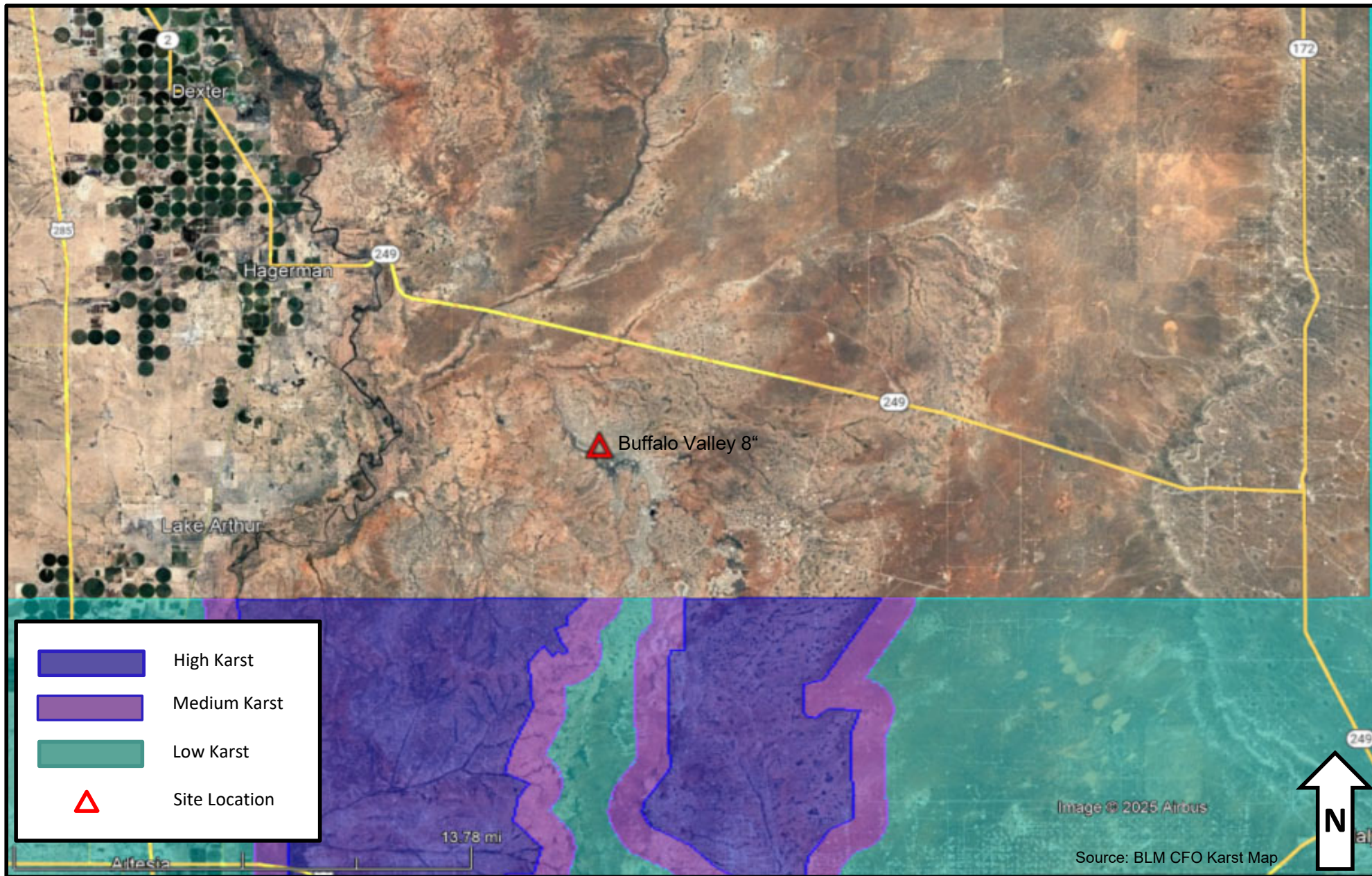
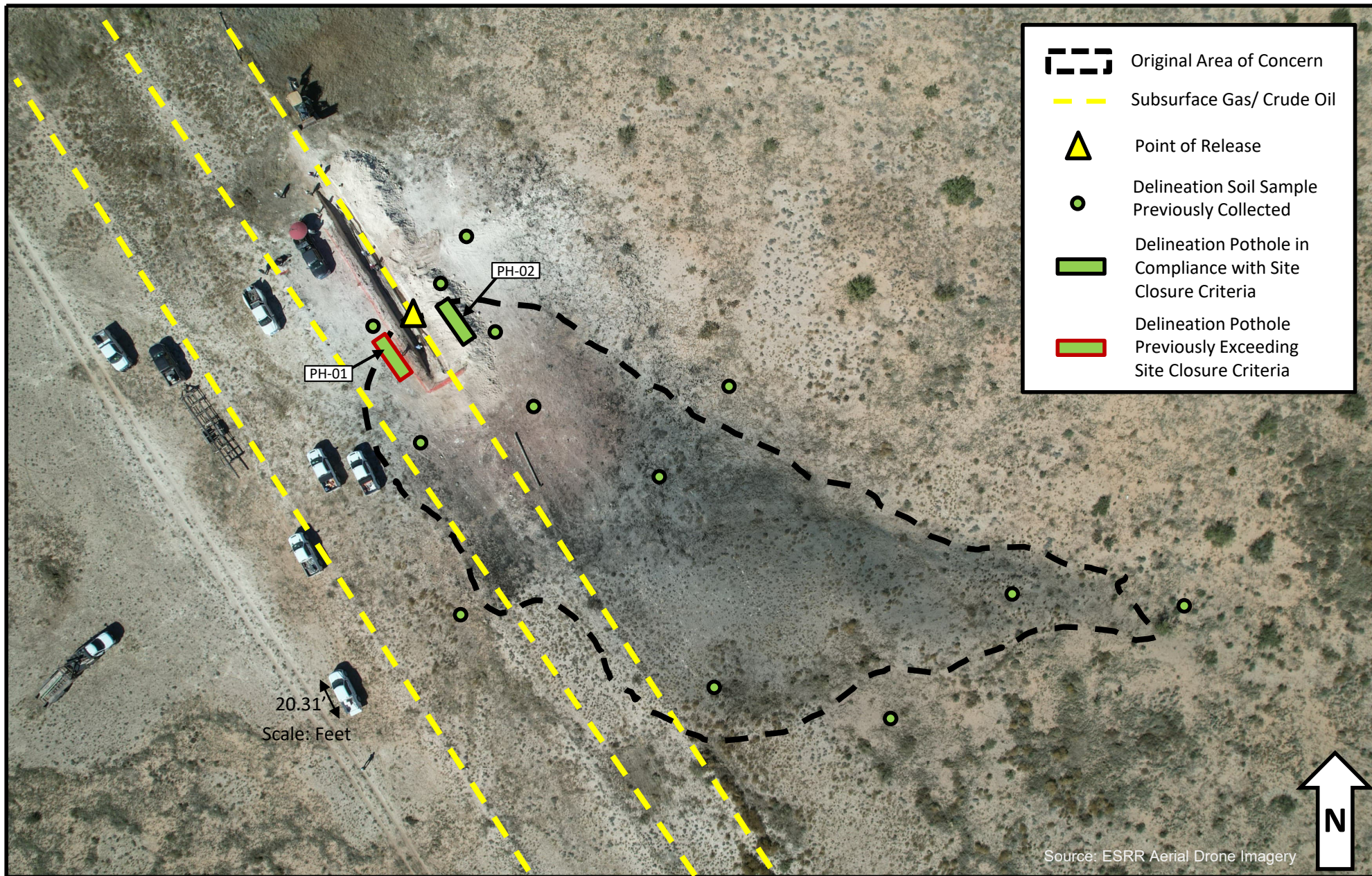


Figure 1B – Karst Potential
 Kinetik Midstream – Buffalo Valley 8"
 GPS: 33.035482°, -104.165093°
 Chaves County, New Mexico





Source: ESRR Aerial Drone Imagery



Figure 2 – Delineation Soil Sample Locations

Kinetik Midstream – Buffalo Valley 8"
 GPS: 33.035482°, -104.165093°
 Chaves County, New Mexico





Figure 3 – Confirmation Soil Sample Locations

Kinetik Midstream – Buffalo Valley 8"
GPS: 33.035482°, -104.165093°
Chaves County, New Mexico



STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well HOWARD BIRCHFIELD Owner's Well No. _____
Street or Post Office Address P.O. Box 250
City and State HIGGERMAN, N.M. 88232 - 20250

Well was drilled under Permit No. RA-9059 and is located in the:
a. NE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 18 Township 15 S Range 28 E. N.M. P.M.
b. Tract No. _____ of Map No. _____ of the _____
c. Lot No. _____ of Block No. _____ of the _____
Subdivision, recorded in CHAVES County.
d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in the _____ Grant.

(B) Drilling Contractor RAYMOND ANDERSON License No. WD-1344
Address 20 E. ANASACI RD. DEETER, N.M. 88230
Drilling Began 11-13-95 Completed 1-15-96 Type tools CABLE Size of hole 7 1/2" in.
Elevation of land surface or _____ at well is _____ ft. Total depth of well 110" ft.
Completed well is shallow artesian. Depth to water upon completion of well 35' ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
From	To			
<u>60</u>	<u>65</u>	<u>5</u>	<u>SAND GRAVEL</u>	<u>1 GPM</u>

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet		Length (feet)	Type of Shoe	Perforations	
			Top	Bottom			From	To
<u>4 1/2</u>	<u>P.V.C.</u>	<u>WELL CASING</u>	<u>90'</u>	<u>90'</u>	<u>90'</u>		<u>30'</u>	<u>90'</u>

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet		Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
From	To				
			<u>2 SACKS CONCRETE</u>		<u>MIX POUR</u>

Section 5. PLUGGING RECORD

FEB - 8 1996

Plugging Contractor _____
Address _____
Plugging Method _____
Date Well Plugged _____
Plugging approved by: _____
State Engineer Representative

No.	Depth in Feet		Cubic Feet of Cement
	Top	Bottom	
<u>1</u>			
<u>2</u>			
<u>3</u>			
<u>4</u>			

Date Received **February 8, 1996** FOR USE OF STATE ENGINEER ONLY
Quad _____ FWL _____ FSL _____
File No. RA-9059 Use Dom/Stk Location No. 15S.28E.18.221244

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PHOTO 1: Northwestern view during the inadvertent ignited venting. 10/17/2025



PHOTO 2: Northwestern view during additional delineation activities. 3/27/2026

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PHOTO 3: Northwestern view during additional delineation activities. 3/27/2026

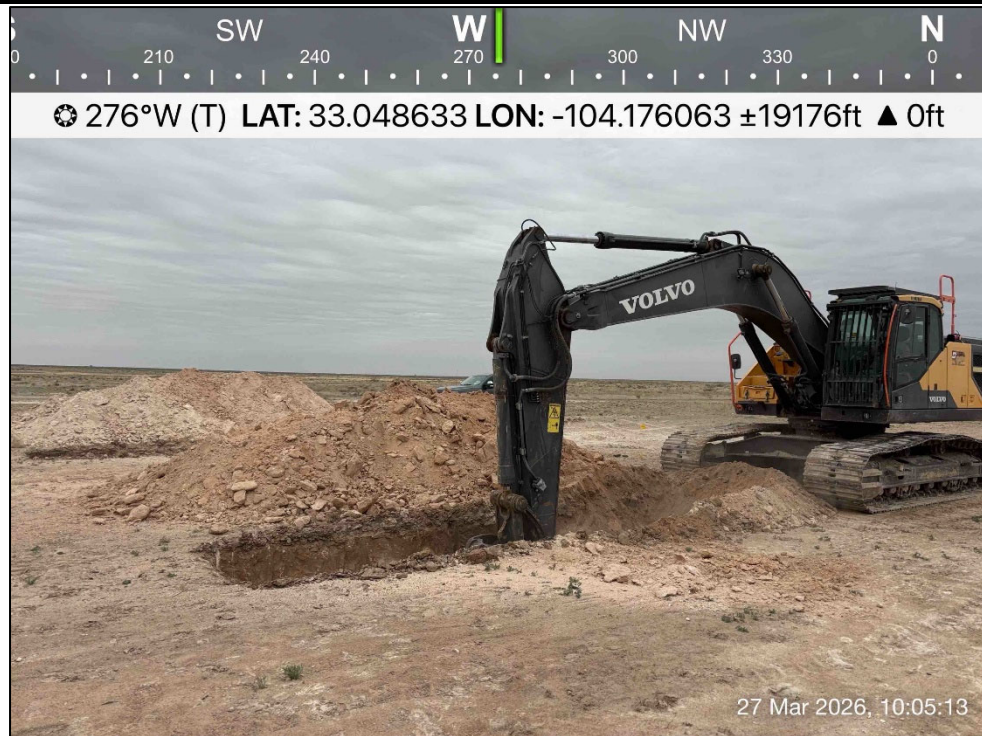


PHOTO 4: Western view during additional delineation activities. 3/27/2026

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PHOTO 5: Southeastern view during excavation activities. 4/8/2026



PHOTO 6: Southeastern view of excavation extent. 4/8/2026

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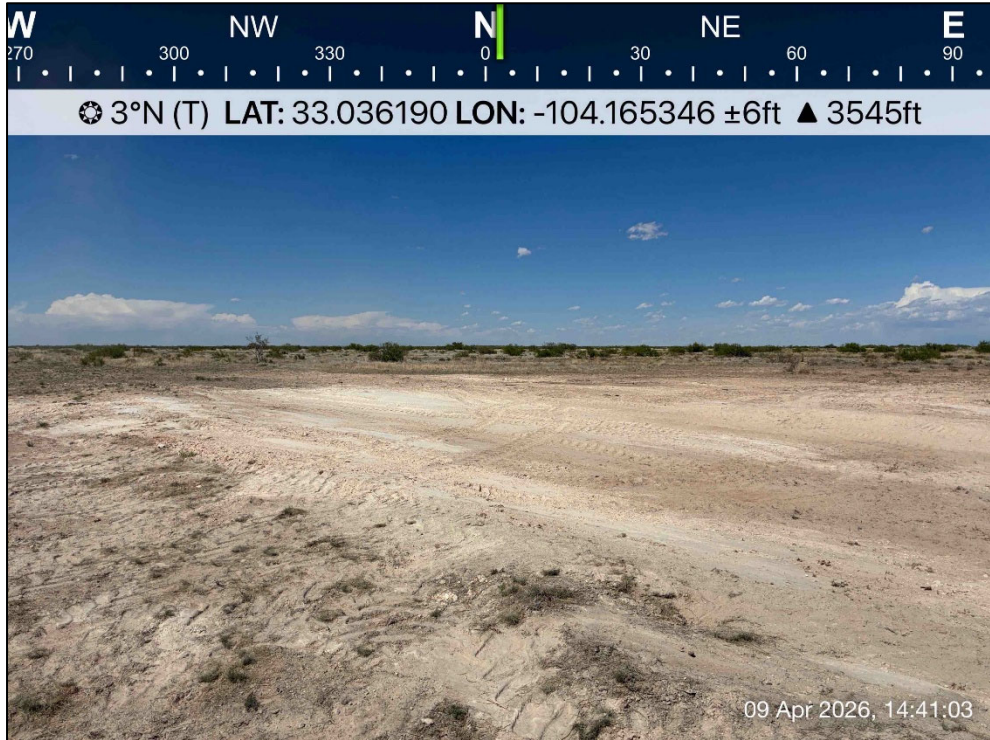


PHOTO 7: Northern view following restoration activities. 4/9/2026



PHOTO 8: Northwestern view following restoration activities. 4/9/2026



Table 1
SOIL SAMPLE ANALYTICAL RESULTS
Buffalo Valley 8"
Chaves County, New Mexico



Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)			10	50	NE	NE	NE	100	600
Delineation Soil Samples - nAPP2529335946									
PH-01	3/27/2026	0.5	<0.0250	<0.0250	<20.0	328	176	504	133
PH-01	3/27/2026	1	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
PH-01	3/27/2026	2	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
PH-01	3/27/2026	3	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
PH-01	3/27/2026	4	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
PH-01	3/27/2026	5	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
PH-01	3/27/2026	6	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
PH-01	3/27/2026	7	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
PH-01	3/27/2026	8	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
PH-01	3/27/2026	9	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
PH-01	3/27/2026	10	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
PH-02	3/27/2026	0.5	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	65.7
PH-02	3/27/2026	1	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
PH-02	3/27/2026	2	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
PH-02	3/27/2026	3	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
PH-02	3/27/2026	4	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
PH-02	3/27/2026	5	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
PH-02	3/27/2026	6	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
PH-02	3/27/2026	7	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
PH-02	3/27/2026	8	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
PH-02	3/27/2026	9	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
PH-02	3/27/2026	10	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
Confirmation Soil Samples - nAPP2529335946									
SW - 5	4/8/2026	0-1	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<200
SW - 6	4/8/2026	0-1	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<200
CS - 101	4/8/2026	1	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<200

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
NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Text in "grey" represents excavated soil samples

Concentrations in **bold and highlighted** exceed the NMOCD Table I Closure Criteria and/or Reclamation Standard[†] for Soils Impacted by a Release

[†]The reclamation 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.



RE: [EXTERNAL] RE: **ExternalThe Oil Conservation Division (OCD) has rejected the application, Application ID: 561102**

From Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Date Tue 3/24/2026 8:55 AM
To ijimenez@kinetik.com <ijimenez@kinetik.com>
Cc Gilbert Moreno <gmoreno@earthsys.net>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Ivan,

With most of the pipeline depths being anywhere from 3-6 feet deep, we need to make sure contaminants from the pipeline didn't contaminate the soil above, besides, and underneath the pipeline space. The 4 foot sample depths might account for the space above and besides, but not underneath the pipeline.

Robert Hamlet • Environmental Specialist - Advanced
Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Ave. | Artesia, NM 88210
575.909.0302 | robert.hamlet@emnrd.nm.gov
<http://www.emnrd.state.nm.us/OCD/>



From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Tuesday, March 24, 2026 8:40 AM
To: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: FW: [EXTERNAL] RE: **External**The Oil Conservation Division (OCD) has rejected the application, Application ID: 561102

From: Ivan Jimenez <ijimenez@kinetik.com>
Sent: Tuesday, March 24, 2026 8:26 AM
To: OCDOnline@emnrd.nm.gov
Cc: Gilbert Moreno <gmoreno@earthsys.net>; Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Subject: [EXTERNAL] RE: **External**The Oil Conservation Division (OCD) has rejected the application, Application ID: 561102

You don't often get email from ijimenez@kinetik.com. [Learn why this is important](#)

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good morning Mr. Hamlet,

Kinetik Midstream would like to request further details on the reasoning for why delineation sample points HA-11 and HA-13 are not sufficient in determining there are no remaining contaminants near the "point of release".

The previous OCD rejection on January 8, 2026, requested that Kinetik thoroughly investigate the area around the "point of release" and that 1 foot below the surface was not adequate.

Sample points HA-1, HA-2, HA-6, and HA-11 were further advanced to 4 feet below ground surface (bgs) with the addition of sample points HA-12 and HA-13, which were also advanced to 4 feet bgs. Kinetik believes these sample points give sufficient representation of the area around the "point of release" and are estimated to have been collected to a depth that is just below the depth of the buried pipeline. The samples collected to 4 feet also fall within the NMOCD's estimated pipeline burial range of 3 to 6 feet.

Kinetik believes that if the OCD had pre-determination on the estimated depths to be sampled, it should have been stated in the January 8, 2026 rejection so that Kinetik could have met the requirements before submitting the recent Closure Request Addendum.

Thank you,



Ivan Jimenez | Environmental Tech II
jjimenez@kinetik.com www.kinetik.com
PO Box 130
132766 Lovington Highway
Loco Hills N.M. 88255
Mobile: 575.973.3497

From: OCDOnline@emnrd.nm.gov <OCDOnline@emnrd.nm.gov>

Sent: Friday, March 13, 2026 1:58 PM

To: Ivan Jimenez <jjimenez@kinetik.com>

Subject: ****External****The Oil Conservation Division (OCD) has rejected the application, Application ID: 561102

****[CAUTION]**** This email was received from someone outside of the Kinetik organization.

WARNING: EXTERNAL EMAIL: PROCEED WITH CAUTION.

Do not respond, click on any links or open attachments unless you recognize the sender, were expecting this email and/or know the content(s) are safe.

To whom it may concern (c/o Ivan Jimenez for FRONTIER FIELD SERVICES, LLC),

The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2529335946, for the following reasons:

- **The Remediation Closure Report is Denied. Generally, pipelines are buried 3 to 6 feet deep to protect against corrosion, impact, and temperature changes. The OCD**

requests two boreholes be safely advanced in the release area on each side of the pipeline in 1-foot increments down to a depth of 10 feet near the "Point of Release." Each borehole should be advanced down to 10 feet on each side of the pipeline, while taking samples at each 1-foot increment to ensure contaminants are not present.

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 561102.

Please review and make the required correction(s) prior to resubmitting.

If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141.

Thank you,

Robert Hamlet

Senior Environmental Scientist

575-748-1283

Robert.Hamlet@emnrd.nm.gov

New Mexico Energy, Minerals and Natural Resources Department

1220 South St. Francis Drive

Santa Fe, NM 87505

Disclaimer

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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 566388

QUESTIONS

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 566388
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2529335946
Incident Name	NAPP2529335946 BUFFALO VALLEY 8" @ FAPP2123229442
Incident Type	Natural Gas Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2123229442] Frontier Field Services Gathering System

Location of Release Source	
Site Name	Buffalo Valley 8"
Date Release Discovered	10/17/2025
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	200
What is the estimated number of samples that will be gathered	20
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/27/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Gilbert Moreno (832) 541-7719
Please provide any information necessary for navigation to sampling site	33.035482, -104.165093

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 566388

CONDITIONS

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 566388
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
ijimenez	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.	3/25/2026
ijimenez	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.	3/25/2026

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 571812

QUESTIONS

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 571812
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2529335946
Incident Name	NAPP2529335946 BUFFALO VALLEY 8" @ FAPP2123229442
Incident Type	Natural Gas Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2123229442] Frontier Field Services Gathering System

Location of Release Source	
Site Name	Buffalo Valley 8"
Date Release Discovered	10/17/2025
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	200
What is the estimated number of samples that will be gathered	3
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/08/2026
Time sampling will commence	12:30 PM
Please provide any information necessary for observers to contact samplers	Gilbert Moreno (832) 541-7719
Please provide any information necessary for navigation to sampling site	33.035482, -104.165093

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 571812

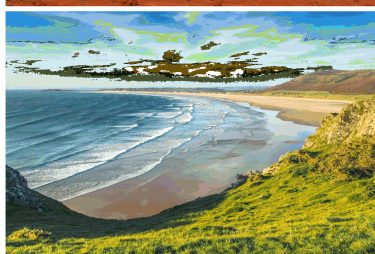
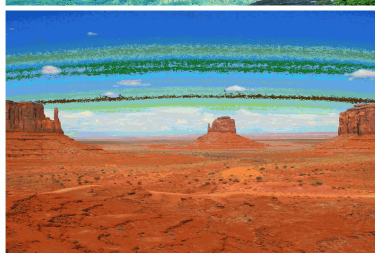
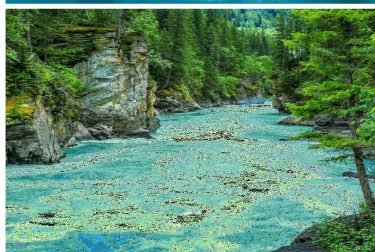
CONDITIONS

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 571812
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
ijimenez	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.	4/6/2026
ijimenez	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.	4/6/2026

Report to:
Gilbert Moreno



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Earth Systems

Project Name: Buffalo Valley 8" 7626

Work Order: E603350

Job Number: 24064-0001

Received: 3/30/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/2/26

5796 U.S. Hwy 64
Farmington, NM 87401

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



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



Date Reported: 4/2/26

Gilbert Moreno
1910 Resource Ct
Carlsbad, NM 88220

Project Name: Buffalo Valley 8" 7626
Workorder: E603350
Date Received: 3/30/2026 8:00:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/30/2026 8:00:00AM, under the Project Name: Buffalo Valley 8" 7626.

The analytical test results summarized in this report with the Project Name: Buffalo Valley 8" 7626 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

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 04/02/26 16:35
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
PH-01 0.5	E603350-01A	Soil	03/27/26	03/30/26	Glass Jar, 2 oz.
PH-01 1	E603350-02A	Soil	03/27/26	03/30/26	Glass Jar, 2 oz.
PH-01 2	E603350-03A	Soil	03/27/26	03/30/26	Glass Jar, 2 oz.
PH-01 3	E603350-04A	Soil	03/27/26	03/30/26	Glass Jar, 2 oz.
PH-01 4	E603350-05A	Soil	03/27/26	03/30/26	Glass Jar, 2 oz.
PH-01 5	E603350-06A	Soil	03/27/26	03/30/26	Glass Jar, 2 oz.
PH-01 6	E603350-07A	Soil	03/27/26	03/30/26	Glass Jar, 2 oz.
PH-01 7	E603350-08A	Soil	03/27/26	03/30/26	Glass Jar, 2 oz.
PH-01 8	E603350-09A	Soil	03/27/26	03/30/26	Glass Jar, 2 oz.
PH-01 9	E603350-10A	Soil	03/27/26	03/30/26	Glass Jar, 2 oz.
PH-01 10	E603350-11A	Soil	03/27/26	03/30/26	Glass Jar, 2 oz.

Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 4/2/2026 4:35:44PM
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PH-01 0.5
E603350-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2614026
Benzene	ND	0.0250	1	03/30/26	04/01/26	
Ethylbenzene	ND	0.0250	1	03/30/26	04/01/26	
Toluene	ND	0.0250	1	03/30/26	04/01/26	
o-Xylene	ND	0.0250	1	03/30/26	04/01/26	
p,m-Xylene	ND	0.0500	1	03/30/26	04/01/26	
Total Xylenes	ND	0.0250	1	03/30/26	04/01/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	03/30/26	04/01/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2614026
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/26	04/01/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.6 %	70-130	03/30/26	04/01/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: CJB		Batch: 2614045
Diesel Range Organics (C10-C28)	328	25.0	1	03/31/26	03/31/26	
Oil Range Organics (C28-C36)	176	50.0	1	03/31/26	03/31/26	
<i>Surrogate: n-Nonane</i>						
		94.0 %	69-135	03/31/26	03/31/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2614043
Chloride	133	100	5	03/31/26	04/01/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 4/2/2026 4:35:44PM
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PH-01 1
E603350-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2614026
Benzene	ND	0.0250	1	03/30/26	04/01/26	
Ethylbenzene	ND	0.0250	1	03/30/26	04/01/26	
Toluene	ND	0.0250	1	03/30/26	04/01/26	
o-Xylene	ND	0.0250	1	03/30/26	04/01/26	
p,m-Xylene	ND	0.0500	1	03/30/26	04/01/26	
Total Xylenes	ND	0.0250	1	03/30/26	04/01/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	03/30/26	04/01/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2614026
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/26	04/01/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.6 %	70-130	03/30/26	04/01/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: CJB		Batch: 2614045
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/26	03/31/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/26	03/31/26	
<i>Surrogate: n-Nonane</i>		93.3 %	69-135	03/31/26	03/31/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2614043
Chloride	ND	20.0	1	03/31/26	03/31/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 4/2/2026 4:35:44PM
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PH-01 2

E603350-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2614026
Benzene	ND	0.0250	1	03/30/26	04/01/26	
Ethylbenzene	ND	0.0250	1	03/30/26	04/01/26	
Toluene	ND	0.0250	1	03/30/26	04/01/26	
o-Xylene	ND	0.0250	1	03/30/26	04/01/26	
p,m-Xylene	ND	0.0500	1	03/30/26	04/01/26	
Total Xylenes	ND	0.0250	1	03/30/26	04/01/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	03/30/26	04/01/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2614026
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/26	04/01/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.2 %	70-130	03/30/26	04/01/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: CJB		Batch: 2614045
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/26	03/31/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/26	03/31/26	
<i>Surrogate: n-Nonane</i>		95.0 %	69-135	03/31/26	03/31/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2614043
Chloride	ND	40.0	2	03/31/26	03/31/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 4/2/2026 4:35:44PM
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PH-01 3

E603350-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2614026
Benzene	ND	0.0250	1	03/30/26	04/01/26	
Ethylbenzene	ND	0.0250	1	03/30/26	04/01/26	
Toluene	ND	0.0250	1	03/30/26	04/01/26	
o-Xylene	ND	0.0250	1	03/30/26	04/01/26	
p,m-Xylene	ND	0.0500	1	03/30/26	04/01/26	
Total Xylenes	ND	0.0250	1	03/30/26	04/01/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	03/30/26	04/01/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2614026
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/26	04/01/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.8 %	70-130	03/30/26	04/01/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: CJB		Batch: 2614045
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/26	03/31/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/26	03/31/26	
<i>Surrogate: n-Nonane</i>		92.0 %	69-135	03/31/26	03/31/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2614043
Chloride	ND	100	5	03/31/26	03/31/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 4/2/2026 4:35:44PM
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PH-01 4

E603350-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2614026
Benzene	ND	0.0250	1	03/30/26	03/31/26	
Ethylbenzene	ND	0.0250	1	03/30/26	03/31/26	
Toluene	ND	0.0250	1	03/30/26	03/31/26	
o-Xylene	ND	0.0250	1	03/30/26	03/31/26	
p,m-Xylene	ND	0.0500	1	03/30/26	03/31/26	
Total Xylenes	ND	0.0250	1	03/30/26	03/31/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	03/30/26	03/31/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2614026
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/26	03/31/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.1 %	70-130	03/30/26	03/31/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: CJB		Batch: 2614045
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/26	03/31/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/26	03/31/26	
<i>Surrogate: n-Nonane</i>		93.8 %	69-135	03/31/26	03/31/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2614043
Chloride	ND	200	10	03/31/26	03/31/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 4/2/2026 4:35:44PM
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PH-01 5
E603350-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2614026
Benzene	ND	0.0250	1	03/30/26	04/01/26	
Ethylbenzene	ND	0.0250	1	03/30/26	04/01/26	
Toluene	ND	0.0250	1	03/30/26	04/01/26	
o-Xylene	ND	0.0250	1	03/30/26	04/01/26	
p,m-Xylene	ND	0.0500	1	03/30/26	04/01/26	
Total Xylenes	ND	0.0250	1	03/30/26	04/01/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	03/30/26	04/01/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2614026
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/26	04/01/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.9 %	70-130	03/30/26	04/01/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: CJB		Batch: 2614045
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/26	03/31/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/26	03/31/26	
<i>Surrogate: n-Nonane</i>		92.1 %	69-135	03/31/26	03/31/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2614043
Chloride	ND	200	10	03/31/26	03/31/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 4/2/2026 4:35:44PM
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PH-01 6

E603350-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2614026
Benzene	ND	0.0250	1	03/30/26	04/01/26	
Ethylbenzene	ND	0.0250	1	03/30/26	04/01/26	
Toluene	ND	0.0250	1	03/30/26	04/01/26	
o-Xylene	ND	0.0250	1	03/30/26	04/01/26	
p,m-Xylene	ND	0.0500	1	03/30/26	04/01/26	
Total Xylenes	ND	0.0250	1	03/30/26	04/01/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	03/30/26	04/01/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2614026
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/26	04/01/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.9 %	70-130	03/30/26	04/01/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: CJB		Batch: 2614045
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/26	03/31/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/26	03/31/26	
<i>Surrogate: n-Nonane</i>		91.9 %	69-135	03/31/26	03/31/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2614043
Chloride	ND	200	10	03/31/26	03/31/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 4/2/2026 4:35:44PM
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PH-01 7

E603350-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2614026
Benzene	ND	0.0250	1	03/30/26	04/01/26	
Ethylbenzene	ND	0.0250	1	03/30/26	04/01/26	
Toluene	ND	0.0250	1	03/30/26	04/01/26	
o-Xylene	ND	0.0250	1	03/30/26	04/01/26	
p,m-Xylene	ND	0.0500	1	03/30/26	04/01/26	
Total Xylenes	ND	0.0250	1	03/30/26	04/01/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	03/30/26	04/01/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2614026
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/26	04/01/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.9 %	70-130	03/30/26	04/01/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: CJB		Batch: 2614045
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/26	03/31/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/26	03/31/26	
<i>Surrogate: n-Nonane</i>		93.2 %	69-135	03/31/26	03/31/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2614043
Chloride	ND	200	10	03/31/26	03/31/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 4/2/2026 4:35:44PM
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PH-01 8
E603350-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2614026
Benzene	ND	0.0250	1	03/30/26	04/01/26	
Ethylbenzene	ND	0.0250	1	03/30/26	04/01/26	
Toluene	ND	0.0250	1	03/30/26	04/01/26	
o-Xylene	ND	0.0250	1	03/30/26	04/01/26	
p,m-Xylene	ND	0.0500	1	03/30/26	04/01/26	
Total Xylenes	ND	0.0250	1	03/30/26	04/01/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.8 %	70-130	03/30/26	04/01/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2614026
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/26	04/01/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.5 %	70-130	03/30/26	04/01/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: CJB		Batch: 2614045
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/26	03/31/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/26	03/31/26	
<i>Surrogate: n-Nonane</i>		94.1 %	69-135	03/31/26	03/31/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2614043
Chloride	ND	200	10	03/31/26	03/31/26	

Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 4/2/2026 4:35:44PM
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PH-01 9
E603350-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2614026
Benzene	ND	0.0250	1	03/30/26	04/01/26	
Ethylbenzene	ND	0.0250	1	03/30/26	04/01/26	
Toluene	ND	0.0250	1	03/30/26	04/01/26	
o-Xylene	ND	0.0250	1	03/30/26	04/01/26	
p,m-Xylene	ND	0.0500	1	03/30/26	04/01/26	
Total Xylenes	ND	0.0250	1	03/30/26	04/01/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	03/30/26	04/01/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2614026
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/26	04/01/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.2 %	70-130	03/30/26	04/01/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: CJB		Batch: 2614045
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/26	04/01/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/26	04/01/26	
<i>Surrogate: n-Nonane</i>		93.0 %	69-135	03/31/26	04/01/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2614043
Chloride	ND	200	10	03/31/26	03/31/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 4/2/2026 4:35:44PM
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PH-01 10

E603350-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2614026
Benzene	ND	0.0250	1	03/30/26	04/01/26	
Ethylbenzene	ND	0.0250	1	03/30/26	04/01/26	
Toluene	ND	0.0250	1	03/30/26	04/01/26	
o-Xylene	ND	0.0250	1	03/30/26	04/01/26	
p,m-Xylene	ND	0.0500	1	03/30/26	04/01/26	
Total Xylenes	ND	0.0250	1	03/30/26	04/01/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	03/30/26	04/01/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2614026
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/26	04/01/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.8 %	70-130	03/30/26	04/01/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: CJB		Batch: 2614045
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/26	04/01/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/26	04/01/26	
<i>Surrogate: n-Nonane</i>		92.3 %	69-135	03/31/26	04/01/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2614043
Chloride	ND	200	10	03/31/26	03/31/26	



QC Summary Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 4/2/2026 4:35:44PM
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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 (2614026-BLK1)

Prepared: 03/30/26 Analyzed: 03/31/26

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.12		8.00		102	70-130			

LCS (2614026-BS1)

Prepared: 03/30/26 Analyzed: 03/31/26

Benzene	5.10	0.0250	5.00		102	70-130			
Ethylbenzene	4.90	0.0250	5.00		98.1	70-130			
Toluene	5.02	0.0250	5.00		100	70-130			
o-Xylene	4.94	0.0250	5.00		98.9	70-130			
p,m-Xylene	10.0	0.0500	10.0		100	70-130			
Total Xylenes	14.9	0.0250	15.0		99.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.00		8.00		100	70-130			

Matrix Spike (2614026-MS1)

Source: E603350-05

Prepared: 03/30/26 Analyzed: 03/31/26

Benzene	5.65	0.0250	5.00	ND	113	70-130			
Ethylbenzene	5.44	0.0250	5.00	ND	109	70-130			
Toluene	5.57	0.0250	5.00	ND	111	70-130			
o-Xylene	5.46	0.0250	5.00	ND	109	70-130			
p,m-Xylene	11.0	0.0500	10.0	ND	110	70-130			
Total Xylenes	16.5	0.0250	15.0	ND	110	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.08		8.00		101	70-130			

Matrix Spike Dup (2614026-MSD1)

Source: E603350-05

Prepared: 03/30/26 Analyzed: 04/01/26

Benzene	5.17	0.0250	5.00	ND	103	70-130	8.90	20	
Ethylbenzene	4.97	0.0250	5.00	ND	99.4	70-130	8.91	20	
Toluene	5.09	0.0250	5.00	ND	102	70-130	9.13	20	
o-Xylene	5.04	0.0250	5.00	ND	101	70-130	8.00	20	
p,m-Xylene	10.1	0.0500	10.0	ND	101	70-130	8.34	20	
Total Xylenes	15.2	0.0250	15.0	ND	101	70-130	8.22	20	
Surrogate: 4-Bromochlorobenzene-PID	8.14		8.00		102	70-130			



QC Summary Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 4/2/2026 4:35:44PM
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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 (2614026-BLK1)

Prepared: 03/30/26 Analyzed: 03/31/26

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

LCS (2614026-BS2)

Prepared: 03/30/26 Analyzed: 03/31/26

Gasoline Range Organics (C6-C10)	51.6	20.0	50.0		103	62-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.75		8.00		96.9	70-130			

Matrix Spike (2614026-MS2)

Source: E603350-05

Prepared: 03/30/26 Analyzed: 04/01/26

Gasoline Range Organics (C6-C10)	55.1	20.0	50.0	ND	110	60-137			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.64		8.00		95.5	70-130			

Matrix Spike Dup (2614026-MSD2)

Source: E603350-05

Prepared: 03/30/26 Analyzed: 04/01/26

Gasoline Range Organics (C6-C10)	55.9	20.0	50.0	ND	112	60-137	1.27	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.66		8.00		95.7	70-130			



QC Summary Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 4/2/2026 4:35:44PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: CJB

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 (2614045-BLK1)

Prepared: 03/31/26 Analyzed: 03/31/26

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	69-135			

LCS (2614045-BS1)

Prepared: 03/31/26 Analyzed: 03/31/26

Diesel Range Organics (C10-C28)	256	25.0	250		102	70-131			
Surrogate: <i>n</i> -Nonane	46.7		50.0		93.5	69-135			

Matrix Spike (2614045-MS1)

Source: E603350-07

Prepared: 03/31/26 Analyzed: 03/31/26

Diesel Range Organics (C10-C28)	251	25.0	250	ND	100	62-151			
Surrogate: <i>n</i> -Nonane	46.7		50.0		93.5	69-135			

Matrix Spike Dup (2614045-MSD1)

Source: E603350-07

Prepared: 03/31/26 Analyzed: 03/31/26

Diesel Range Organics (C10-C28)	253	25.0	250	ND	101	62-151	0.616	20	
Surrogate: <i>n</i> -Nonane	45.5		50.0		91.0	69-135			



QC Summary Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 4/2/2026 4:35:44PM
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Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2614043-BLK1)

Prepared: 03/31/26 Analyzed: 03/31/26

Chloride ND 20.0

LCS (2614043-BS1)

Prepared: 03/31/26 Analyzed: 03/31/26

Chloride 258 20.0 250 103 90-110

Matrix Spike (2614043-MS1)

Source: E603350-11

Prepared: 03/31/26 Analyzed: 03/31/26

Chloride 239 200 250 ND 95.6 80-120

Matrix Spike Dup (2614043-MSD1)

Source: E603350-11

Prepared: 03/31/26 Analyzed: 03/31/26

Chloride 244 200 250 ND 97.4 80-120 1.96 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

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 04/02/26 16:35
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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: Earth Systems R & R				Company: Earth Systems R & R				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX								
Project Name: Buffalo Valley 8" 7626				Address: 1910 Resource Ct				E1203350		240604.0001					X	X											
Project Manager: Gilbert Moreno				City, State, Zip: Carlsbad, NM 88220																							
Address: 1910 Resource Ct				Phone: 832-541-7719																							
City, State, Zip: Carlsbad NM, 88220				Email: gmoreno@earthsys.net																							
Phone: 832-541-7719				Work for: Kinetik Midstream																							
Email: gmoreno@earthsys.net, sgron@earthsys.net																											
Sample Information														EPA Program													
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field	Filter	Lab Number	DRO/ORO by 8015	Depth (ft)	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TEQ 1005 - TX	RCRA 8 Metals	Cation/Anion Pkg	Rush-24 HR TAT	Grab (G) / Composite @	SDWA	CWA	RCRA	Compliance	Y	or	N	PWSID #	Remarks
9:00	3/27/2026	S	1	PH - 01			1		0.5				X					G	3.0								Incident #:
9:05	3/27/2026	S	1	PH - 01			2		1				X					G	3.1								nAPP2529335946
9:10	3/27/2026	S	1	PH - 01			3		2				X					G	2.9								
9:15	3/27/2026	S	1	PH - 01			4		3				X					G	2.7								
9:20	3/27/2026	S	1	PH - 01			5		4				X					G	3.6								
9:25	3/27/2026	S	1	PH - 01			6		5				X					G	3.5								
9:30	3/27/2026	S	1	PH - 01			7		6				X					G	3.0								
9:35	3/27/2026	S	1	PH - 01			8		7				X					G	3.4								
9:40	3/27/2026	S	1	PH - 01			9		8				X					G	3.1								
9:45	3/27/2026	S	1	PH - 01			10		9				X					G	3.9								
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: SG																											
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 in ice at an avg temp above 0 but less than 6 °C on subsequent days.															
<i>Santiago Giron</i>		3/27/26		15:02		<i>Marissa Gonzales</i>		3-27-26		15:02																	
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time																	
<i>Marissa Gonzales</i>		3-27-26		1845		<i>Johnny Archuleta</i>		3-27-26		1845																	
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C _____															
<i>Johnny Archuleta</i>		3-27-26		2215		<i>Caitie Mann</i>		3-30-26		8:00																	
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time																	
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other														Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA													
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																											



Chain of Custody

Client Information				Invoice Information				Lab Use Only				TAT				State					
Client: Earth Systems R & R				Company: Earth Systems R & R				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX		
Project Name: Buffalo Valley 8" 7626				Address: 1910 Resource Ct				E603350		24064.0001					X	X					
Project Manager: Gilbert Moreno				City, State, Zip: Carlsbad, NM 88220																	
Address: 1910 Resource Ct				Phone: 832-541-7719																	
City, State, Zip: Carlsbad NM, 88220				Email: gmoreno@earthsys.net																	
Phone: 832-541-7719				Work for: Kinetik Midstream																	
Email: gmoreno@earthsys.net, sgiron@earthsys.net																					
Sample Information																					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	Depth (ft)	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Cation/Anion Pag	Rush 24 HR TAT	Grab (G) / Composite @	EPA Program			
9:50	3/27/2026	S	1	PH - 01		11		10				X					G	SDWA	CWA	RCRA	
																		Compliance	Y	or	N
																		PWSID #			
																		Remarks			
																		3.8 Incident #:			
																		nAPP2529335946			
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: SG																					
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 in ice at an avg temp above 0 but less than 6 °C on subsequent days. Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N Lab Use Only T1 _____ T2 _____ T3 _____ AVG Temp °C _____													
Santiago Giron		3/27/26	15:02	Marissa Gonzales		3-27-26	1502														
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time														
Marissa Gonzales		3-27-26	1845	Johnny Archulita		3-27-26	1845														
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time														
Johnny Archulita		3-27-26	2215	Cathy Marx		3-30-26	800														
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time														
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA					
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																					



Envirotech Analytical Laboratory

Printed: 3/30/2026 2:02:32PM

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: Earth Systems Date Received: 03/30/26 08:00 Work Order ID: E603350
Phone: 832-541-7719 Date Logged In: 03/30/26 11:14 Logged In By: Caitlin Mars
Email: gmoreno@earthsys.net Due Date: 04/03/26 17:00 (4 day TAT)

Chain of Custody (COC)

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

Carrier: Courier

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

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

Empty box for client instruction.

Comments/Resolution box containing L-NS and R-CM.

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

Date



envirotech Inc.

Report to:
Gilbert Moreno



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Earth Systems

Project Name: Buffalo Valley 8" 7626

Work Order: E603349

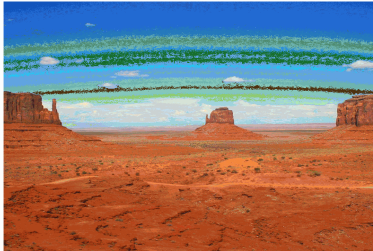
Job Number: 24064-0001

Received: 3/30/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/2/26



5796 U.S. Hwy 64
Farmington, NM 87401

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



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



Date Reported: 4/2/26

Gilbert Moreno
1910 Resource Ct
Carlsbad, NM 88220

Project Name: Buffalo Valley 8" 7626
Workorder: E603349
Date Received: 3/30/2026 8:00:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/30/2026 8:00:00AM, under the Project Name: Buffalo Valley 8" 7626.

The analytical test results summarized in this report with the Project Name: Buffalo Valley 8" 7626 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 04/02/26 16:38
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
PH-02 0.5	E603349-01A	Soil	03/27/26	03/30/26	Glass Jar, 2 oz.
PH-02 1	E603349-02A	Soil	03/27/26	03/30/26	Glass Jar, 2 oz.
PH-02 2	E603349-03A	Soil	03/27/26	03/30/26	Glass Jar, 2 oz.
PH-02 3	E603349-04A	Soil	03/27/26	03/30/26	Glass Jar, 2 oz.
PH-02 4	E603349-05A	Soil	03/27/26	03/30/26	Glass Jar, 2 oz.
PH-02 5	E603349-06A	Soil	03/27/26	03/30/26	Glass Jar, 2 oz.
PH-02 6	E603349-07A	Soil	03/27/26	03/30/26	Glass Jar, 2 oz.
PH-02 7	E603349-08A	Soil	03/27/26	03/30/26	Glass Jar, 2 oz.
PH-02 8	E603349-09A	Soil	03/27/26	03/30/26	Glass Jar, 2 oz.
PH-02 9	E603349-10A	Soil	03/27/26	03/30/26	Glass Jar, 2 oz.
PH-02 10	E603349-11A	Soil	03/27/26	03/30/26	Glass Jar, 2 oz.

Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 4/2/2026 4:38:41PM
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PH-02 0.5
E603349-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2614025
Benzene	ND	0.0250	1	03/30/26	03/31/26	
Ethylbenzene	ND	0.0250	1	03/30/26	03/31/26	
Toluene	ND	0.0250	1	03/30/26	03/31/26	
o-Xylene	ND	0.0250	1	03/30/26	03/31/26	
p,m-Xylene	ND	0.0500	1	03/30/26	03/31/26	
Total Xylenes	ND	0.0250	1	03/30/26	03/31/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		86.2 %	70-130	03/30/26	03/31/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2614025
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/26	03/31/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		96.1 %	70-130	03/30/26	03/31/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: CJB		Batch: 2614042
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/26	03/31/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/26	03/31/26	
<i>Surrogate: n-Nonane</i>						
		87.9 %	69-135	03/31/26	03/31/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2614019
Chloride	65.7	20.0	1	03/31/26	03/31/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 4/2/2026 4:38:41PM
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PH-02 1

E603349-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2614025
Benzene	ND	0.0250	1	03/30/26	03/31/26	
Ethylbenzene	ND	0.0250	1	03/30/26	03/31/26	
Toluene	ND	0.0250	1	03/30/26	03/31/26	
o-Xylene	ND	0.0250	1	03/30/26	03/31/26	
p,m-Xylene	ND	0.0500	1	03/30/26	03/31/26	
Total Xylenes	ND	0.0250	1	03/30/26	03/31/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		85.9 %	70-130	03/30/26	03/31/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2614025
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/26	03/31/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.0 %	70-130	03/30/26	03/31/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: CJB		Batch: 2614042
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/26	03/31/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/26	03/31/26	
<i>Surrogate: n-Nonane</i>		91.4 %	69-135	03/31/26	03/31/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2614019
Chloride	ND	20.0	1	03/31/26	03/31/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 4/2/2026 4:38:41PM
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PH-02 2

E603349-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2614025
Benzene	ND	0.0250	1	03/30/26	03/31/26	
Ethylbenzene	ND	0.0250	1	03/30/26	03/31/26	
Toluene	ND	0.0250	1	03/30/26	03/31/26	
o-Xylene	ND	0.0250	1	03/30/26	03/31/26	
p,m-Xylene	ND	0.0500	1	03/30/26	03/31/26	
Total Xylenes	ND	0.0250	1	03/30/26	03/31/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		85.3 %	70-130	03/30/26	03/31/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2614025
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/26	03/31/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.0 %	70-130	03/30/26	03/31/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: CJB		Batch: 2614042
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/26	03/31/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/26	03/31/26	
<i>Surrogate: n-Nonane</i>		88.6 %	69-135	03/31/26	03/31/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2614019
Chloride	ND	100	5	03/31/26	03/31/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 4/2/2026 4:38:41PM
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PH-02 3

E603349-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2614025
Benzene	ND	0.0250	1	03/30/26	03/31/26	
Ethylbenzene	ND	0.0250	1	03/30/26	03/31/26	
Toluene	ND	0.0250	1	03/30/26	03/31/26	
o-Xylene	ND	0.0250	1	03/30/26	03/31/26	
p,m-Xylene	ND	0.0500	1	03/30/26	03/31/26	
Total Xylenes	ND	0.0250	1	03/30/26	03/31/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		86.8 %	70-130	03/30/26	03/31/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2614025
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/26	03/31/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.5 %	70-130	03/30/26	03/31/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: CJB		Batch: 2614042
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/26	03/31/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/26	03/31/26	
<i>Surrogate: n-Nonane</i>		89.8 %	69-135	03/31/26	03/31/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2614019
Chloride	ND	100	5	03/31/26	03/31/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 4/2/2026 4:38:41PM
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PH-02 4

E603349-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2614025
Benzene	ND	0.0250	1	03/30/26	03/31/26	
Ethylbenzene	ND	0.0250	1	03/30/26	03/31/26	
Toluene	ND	0.0250	1	03/30/26	03/31/26	
o-Xylene	ND	0.0250	1	03/30/26	03/31/26	
p,m-Xylene	ND	0.0500	1	03/30/26	03/31/26	
Total Xylenes	ND	0.0250	1	03/30/26	03/31/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		88.0 %	70-130	03/30/26	03/31/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2614025
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/26	03/31/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.2 %	70-130	03/30/26	03/31/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: CJB		Batch: 2614042
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/26	03/31/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/26	03/31/26	
<i>Surrogate: n-Nonane</i>		91.6 %	69-135	03/31/26	03/31/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2614019
Chloride	ND	100	5	03/31/26	03/31/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 4/2/2026 4:38:41PM
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PH-02 5

E603349-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2614025
Benzene	ND	0.0250	1	03/30/26	03/31/26	
Ethylbenzene	ND	0.0250	1	03/30/26	03/31/26	
Toluene	ND	0.0250	1	03/30/26	03/31/26	
o-Xylene	ND	0.0250	1	03/30/26	03/31/26	
p,m-Xylene	ND	0.0500	1	03/30/26	03/31/26	
Total Xylenes	ND	0.0250	1	03/30/26	03/31/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		89.3 %	70-130	03/30/26	03/31/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2614025
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/26	03/31/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.9 %	70-130	03/30/26	03/31/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: CJB		Batch: 2614042
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/26	03/31/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/26	03/31/26	
<i>Surrogate: n-Nonane</i>		91.9 %	69-135	03/31/26	03/31/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2614019
Chloride	ND	200	10	03/31/26	03/31/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 4/2/2026 4:38:41PM
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PH-02 6

E603349-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2614025
Benzene	ND	0.0250	1	03/30/26	03/31/26	
Ethylbenzene	ND	0.0250	1	03/30/26	03/31/26	
Toluene	ND	0.0250	1	03/30/26	03/31/26	
o-Xylene	ND	0.0250	1	03/30/26	03/31/26	
p,m-Xylene	ND	0.0500	1	03/30/26	03/31/26	
Total Xylenes	ND	0.0250	1	03/30/26	03/31/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		86.4 %	70-130	03/30/26	03/31/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2614025
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/26	03/31/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.4 %	70-130	03/30/26	03/31/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: CJB		Batch: 2614042
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/26	03/31/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/26	03/31/26	
<i>Surrogate: n-Nonane</i>		89.8 %	69-135	03/31/26	03/31/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2614019
Chloride	ND	200	10	03/31/26	03/31/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 4/2/2026 4:38:41PM
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PH-02 7

E603349-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2614025
Benzene	ND	0.0250	1	03/30/26	03/31/26	
Ethylbenzene	ND	0.0250	1	03/30/26	03/31/26	
Toluene	ND	0.0250	1	03/30/26	03/31/26	
o-Xylene	ND	0.0250	1	03/30/26	03/31/26	
p,m-Xylene	ND	0.0500	1	03/30/26	03/31/26	
Total Xylenes	ND	0.0250	1	03/30/26	03/31/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		87.9 %	70-130	03/30/26	03/31/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2614025
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/26	03/31/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.6 %	70-130	03/30/26	03/31/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: CJB		Batch: 2614042
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/26	03/31/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/26	03/31/26	
<i>Surrogate: n-Nonane</i>		92.1 %	69-135	03/31/26	03/31/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2614019
Chloride	ND	200	10	03/31/26	03/31/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 4/2/2026 4:38:41PM
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PH-02 8

E603349-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2614025
Benzene	ND	0.0250	1	03/30/26	03/31/26	
Ethylbenzene	ND	0.0250	1	03/30/26	03/31/26	
Toluene	ND	0.0250	1	03/30/26	03/31/26	
o-Xylene	ND	0.0250	1	03/30/26	03/31/26	
p,m-Xylene	ND	0.0500	1	03/30/26	03/31/26	
Total Xylenes	ND	0.0250	1	03/30/26	03/31/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		90.9 %	70-130	03/30/26	03/31/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2614025
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/26	03/31/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.3 %	70-130	03/30/26	03/31/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: CJB		Batch: 2614042
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/26	03/31/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/26	03/31/26	
<i>Surrogate: n-Nonane</i>		92.7 %	69-135	03/31/26	03/31/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2614019
Chloride	ND	100	5	03/31/26	03/31/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 4/2/2026 4:38:41PM
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PH-02 9

E603349-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2614025
Benzene	ND	0.0250	1	03/30/26	03/31/26	
Ethylbenzene	ND	0.0250	1	03/30/26	03/31/26	
Toluene	ND	0.0250	1	03/30/26	03/31/26	
o-Xylene	ND	0.0250	1	03/30/26	03/31/26	
p,m-Xylene	ND	0.0500	1	03/30/26	03/31/26	
Total Xylenes	ND	0.0250	1	03/30/26	03/31/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		88.5 %	70-130	03/30/26	03/31/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2614025
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/26	03/31/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.5 %	70-130	03/30/26	03/31/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: CJB		Batch: 2614042
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/26	04/01/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/26	04/01/26	
<i>Surrogate: n-Nonane</i>		92.6 %	69-135	03/31/26	04/01/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2614019
Chloride	ND	100	5	03/31/26	03/31/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 4/2/2026 4:38:41PM
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PH-02 10

E603349-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2614025
Benzene	ND	0.0250	1	03/30/26	03/31/26	
Ethylbenzene	ND	0.0250	1	03/30/26	03/31/26	
Toluene	ND	0.0250	1	03/30/26	03/31/26	
o-Xylene	ND	0.0250	1	03/30/26	03/31/26	
p,m-Xylene	ND	0.0500	1	03/30/26	03/31/26	
Total Xylenes	ND	0.0250	1	03/30/26	03/31/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.1 %	70-130	03/30/26	03/31/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2614025
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/30/26	03/31/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.9 %	70-130	03/30/26	03/31/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: CJB		Batch: 2614042
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/26	04/01/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/26	04/01/26	
<i>Surrogate: n-Nonane</i>		90.4 %	69-135	03/31/26	04/01/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2614019
Chloride	ND	200	10	03/31/26	03/31/26	



QC Summary Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 4/2/2026 4:38:41PM
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Volatile Organics by EPA 8021B

Analyst: MB

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 (2614025-BLK1)

Prepared: 03/30/26 Analyzed: 04/01/26

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.52		8.00		93.9	70-130			

LCS (2614025-BS1)

Prepared: 03/30/26 Analyzed: 03/31/26

Benzene	4.15	0.0250	5.00		83.0	70-130			
Ethylbenzene	3.86	0.0250	5.00		77.2	70-130			
Toluene	4.07	0.0250	5.00		81.4	70-130			
o-Xylene	3.93	0.0250	5.00		78.6	70-130			
p,m-Xylene	7.89	0.0500	10.0		78.9	70-130			
Total Xylenes	11.8	0.0250	15.0		78.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.92		8.00		86.5	70-130			

Matrix Spike (2614025-MS1)

Source: E603349-07

Prepared: 03/30/26 Analyzed: 03/31/26

Benzene	4.22	0.0250	5.00	ND	84.4	70-130			
Ethylbenzene	3.91	0.0250	5.00	ND	78.2	70-130			
Toluene	4.15	0.0250	5.00	ND	82.9	70-130			
o-Xylene	3.94	0.0250	5.00	ND	78.8	70-130			
p,m-Xylene	7.99	0.0500	10.0	ND	79.9	70-130			
Total Xylenes	11.9	0.0250	15.0	ND	79.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.84		8.00		85.5	70-130			

Matrix Spike Dup (2614025-MSD1)

Source: E603349-07

Prepared: 03/30/26 Analyzed: 03/31/26

Benzene	4.52	0.0250	5.00	ND	90.3	70-130	6.71	20	
Ethylbenzene	4.19	0.0250	5.00	ND	83.8	70-130	6.93	20	
Toluene	4.45	0.0250	5.00	ND	89.0	70-130	7.06	20	
o-Xylene	4.26	0.0250	5.00	ND	85.2	70-130	7.71	20	
p,m-Xylene	8.56	0.0500	10.0	ND	85.6	70-130	6.97	20	
Total Xylenes	12.8	0.0250	15.0	ND	85.5	70-130	7.21	20	
Surrogate: 4-Bromochlorobenzene-PID	6.95		8.00		86.8	70-130			



QC Summary Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 4/2/2026 4:38:41PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: MB

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 (2614025-BLK1)

Prepared: 03/30/26 Analyzed: 04/01/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.20		8.00		90.0	70-130			

LCS (2614025-BS2)

Prepared: 03/30/26 Analyzed: 03/31/26

Gasoline Range Organics (C6-C10)	47.8	20.0	50.0		95.5	62-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.38		8.00		92.2	70-130			

Matrix Spike (2614025-MS2)

Source: E603349-07

Prepared: 03/30/26 Analyzed: 03/31/26

Gasoline Range Organics (C6-C10)	45.7	20.0	50.0	ND	91.3	60-137			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.62		8.00		95.2	70-130			

Matrix Spike Dup (2614025-MSD2)

Source: E603349-07

Prepared: 03/30/26 Analyzed: 03/31/26

Gasoline Range Organics (C6-C10)	47.1	20.0	50.0	ND	94.3	60-137	3.19	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.60		8.00		95.0	70-130			



QC Summary Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 4/2/2026 4:38:41PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: CJB

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 (2614042-BLK1)

Prepared: 03/31/26 Analyzed: 03/31/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	45.7		50.0		91.5	69-135			

LCS (2614042-BS1)

Prepared: 03/31/26 Analyzed: 03/31/26

Diesel Range Organics (C10-C28)	246	25.0	250		98.3	70-131			
Surrogate: n-Nonane	46.5		50.0		92.9	69-135			

Matrix Spike (2614042-MS1)

Source: E603349-05

Prepared: 03/31/26 Analyzed: 03/31/26

Diesel Range Organics (C10-C28)	247	25.0	250	ND	98.7	62-151			
Surrogate: n-Nonane	45.7		50.0		91.4	69-135			

Matrix Spike Dup (2614042-MSD1)

Source: E603349-05

Prepared: 03/31/26 Analyzed: 03/31/26

Diesel Range Organics (C10-C28)	245	25.0	250	ND	97.9	62-151	0.788	20	
Surrogate: n-Nonane	45.1		50.0		90.2	69-135			



QC Summary Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 4/2/2026 4:38:41PM
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Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2614019-BLK1)

Prepared: 03/30/26 Analyzed: 03/31/26

Chloride	ND	20.0							
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LCS (2614019-BS1)

Prepared: 03/30/26 Analyzed: 03/31/26

Chloride	263	20.0	250		105	90-110			
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Matrix Spike (2614019-MS1)

Source: E603349-04

Prepared: 03/30/26 Analyzed: 03/31/26

Chloride	255	100	250	ND	102	80-120			
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Matrix Spike Dup (2614019-MSD1)

Source: E603349-04

Prepared: 03/30/26 Analyzed: 03/31/26

Chloride	254	100	250	ND	102	80-120	0.251	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

Earth Systems	Project Name:	Buffalo Valley 8" 7626	
1910 Resource Ct	Project Number:	24064-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Gilbert Moreno	04/02/26 16:38

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: Earth Systems R & R				Company: Earth Systems R & R				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX		
Project Name: Buffalo Valley 8" 7626				Address: 1910 Resource Ct				E6203349		24064.0001					X	X					
Project Manager: Gilbert Moreno				City, State, Zip: Carlsbad, NM 88220																	
Address: 1910 Resource Ct				Phone: 832-541-7719																	
City, State, Zip: Carlsbad NM, 88220				Email: gmoreno@earthsys.net																	
Phone: 832-541-7719				Work for: Kinetik Midstream																	
Email: gmoreno@earthsys.net, sgiron@earthsys.net																					
Sample Information											Analysis and Method						EPA Program				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field	Filter	Lab Number	DRO/ORO by 8015	Depth (ft)	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005-TX	RCRA 8 Metals	Cation/Anion Pkg	Rush-24 HR TAT	Grab (G) / Composite @	SDWA	CWA	RCRA
9:55	3/27/2026	S	1	PH - 02			1		0.5				X					G			
10:00	3/27/2026	S	1	PH - 02			2		1				X					G			
10:05	3/27/2026	S	1	PH - 02			3		2				X					G			
10:10	3/27/2026	S	1	PH - 02			4		3				X					G			
10:15	3/27/2026	S	1	PH - 02			5		4				X					G			
10:20	3/27/2026	S	1	PH - 02			6		5				X					G			
10:25	3/27/2026	S	1	PH - 02			7		6				X					G			
10:30	3/27/2026	S	1	PH - 02			8		7				X					G			
10:35	3/27/2026	S	1	PH - 02			9		8				X					G			
10:40	3/27/2026	S	1	PH - 02			10		9				X					G			
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: SG																					
Relinquished by: (Signature) <i>Santiago Giron</i>		Date 3/27/26	Time 15:02	Received by: (Signature) <i>Manasa Gomas</i>		Date 3-27-26	Time 1502	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C _____													
Relinquished by: (Signature) <i>Manasa Gomas</i>		Date 3-27-26	Time 1845	Received by: (Signature) <i>Johnny Archulita</i>		Date 3-27-26	Time 1845														
Relinquished by: (Signature) <i>Johnny Archulita</i>		Date 3-27-26	Time 2215	Received by: (Signature) <i>Keith Mars</i>		Date 3-30-26	Time 800														
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time														
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other											Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA										
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																					



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Chain of Custody

Client Information				Invoice Information				Lab Use Only				TAT				State					
Client: Earth Systems R & R				Company: Earth Systems R & R				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX		
Project Name: Buffalo Valley 8" 7626				Address: 1910 Resource Ct				E603349		24064.0001					X	X					
Project Manager: Gilbert Moreno				City, State, Zip: Carlsbad, NM 88220																	
Address: 1910 Resource Ct				Phone: 832-541-7719																	
City, State, Zip: Carlsbad NM, 88220				Email: gmoreno@earthsys.net																	
Phone: 832-541-7719				Work for: Kinetik Midstream																	
Email: gmoreno@earthsys.net, sgiron@earthsys.net																					
Sample Information										Analysis and Method						EPA Program					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	Depth (ft)	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TEEQ 1005 - TX	RCRA 8 Metals	Cation/Anion Pkg	Rush-24 HR TAT	Grab (G) / Composite @	SDWA	CWA	RCRA	
10:45	3/27/2026	S	1	PH - 02		11		10				X					G	Compliance	Y	or	N
Remarks																					
3.4 Incident #:																					
nAPP2529335946																					
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: SG																					
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 in ice at an avg temp above 0 but less than 6 °C on subsequent days. Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / N T1 _____ T2 _____ T3 _____ AVG Temp °C _____													
<i>Santiago Giron</i>		3/27/26	15:02	<i>Marissa Gomez</i>		3-27-26	1502														
<i>Marissa Gomez</i>		3-27-26	1845	<i>Johnny Archuleta</i>		3-27-26	1845														
<i>Johnny Archuleta</i>		3-27-26	2215	<i>Auth Mann</i>		3-30-26	800														
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.																					



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Envirotech Analytical Laboratory

Printed: 3/30/2026 2:00:12PM

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: Earth Systems Date Received: 03/30/26 08:00 Work Order ID: E603349
Phone: 832-541-7719 Date Logged In: 03/30/26 11:08 Logged In By: Caitlin Mars
Email: gmoreno@earthsys.net Due Date: 04/03/26 17:00 (4 day TAT)

Chain of Custody (COC)

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

Carrier: Courier

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

Empty box for client instruction.

Comments/Resolution

Comments/Resolution box containing L-NS and R-CM.

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

Date



envirotech Inc.

Report to:
Gilbert Moreno



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Earth Systems

Project Name: Buffalo Valley 8"

Work Order: E604087

Job Number: 24064-0001

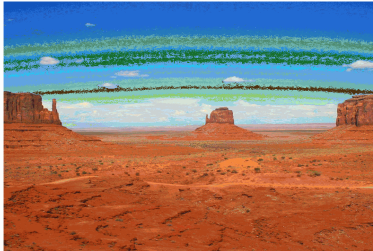
Received: 4/9/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/14/26

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.



5796 U.S. Hwy 64
Farmington, NM 87401

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





Date Reported: 4/14/26

Gilbert Moreno
1910 Resource Ct
Carlsbad, NM 88220

Project Name: Buffalo Valley 8"
Workorder: E604087
Date Received: 4/9/2026 8:00:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/9/2026 8:00:00AM, under the Project Name: Buffalo Valley 8".

The analytical test results summarized in this report with the Project Name: Buffalo Valley 8" 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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Cell: 775-287-1762
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Sample Summary

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 04/14/26 14:59
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-101 1'	E604087-01A	Soil	04/08/26	04/09/26	Glass Jar, 2 oz.
SW-5 0-1'	E604087-02A	Soil	04/08/26	04/09/26	Glass Jar, 2 oz.
SW-6 0-1'	E604087-03A	Soil	04/08/26	04/09/26	Glass Jar, 2 oz.



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 4/14/2026 2:59:40PM
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CS-101 1'
E604087-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2615103
Benzene	ND	0.0250	1	04/09/26	04/10/26	
Ethylbenzene	ND	0.0250	1	04/09/26	04/10/26	
Toluene	ND	0.0250	1	04/09/26	04/10/26	
o-Xylene	ND	0.0250	1	04/09/26	04/10/26	
p,m-Xylene	ND	0.0500	1	04/09/26	04/10/26	
Total Xylenes	ND	0.0250	1	04/09/26	04/10/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		89.0 %	70-130	04/09/26	04/10/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2615103
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/09/26	04/10/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		86.9 %	70-130	04/09/26	04/10/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2615118
Diesel Range Organics (C10-C28)	ND	25.0	1	04/09/26	04/10/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/09/26	04/10/26	
<i>Surrogate: n-Nonane</i>						
		91.0 %	69-135	04/09/26	04/10/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2615112
Chloride	ND	200	10	04/09/26	04/09/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 4/14/2026 2:59:40PM
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SW-5 0-1'

E604087-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2615103
Benzene	ND	0.0250	1	04/09/26	04/10/26	
Ethylbenzene	ND	0.0250	1	04/09/26	04/10/26	
Toluene	ND	0.0250	1	04/09/26	04/10/26	
o-Xylene	ND	0.0250	1	04/09/26	04/10/26	
p,m-Xylene	ND	0.0500	1	04/09/26	04/10/26	
Total Xylenes	ND	0.0250	1	04/09/26	04/10/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		88.1 %	70-130	04/09/26	04/10/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2615103
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/09/26	04/10/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		81.7 %	70-130	04/09/26	04/10/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2615118
Diesel Range Organics (C10-C28)	ND	25.0	1	04/09/26	04/10/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/09/26	04/10/26	
<i>Surrogate: n-Nonane</i>		92.4 %	69-135	04/09/26	04/10/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2615112
Chloride	ND	200	10	04/09/26	04/09/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 4/14/2026 2:59:40PM
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SW-6 0-1'

E604087-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2615103
Benzene	ND	0.0250	1	04/09/26	04/10/26	
Ethylbenzene	ND	0.0250	1	04/09/26	04/10/26	
Toluene	ND	0.0250	1	04/09/26	04/10/26	
o-Xylene	ND	0.0250	1	04/09/26	04/10/26	
p,m-Xylene	ND	0.0500	1	04/09/26	04/10/26	
Total Xylenes	ND	0.0250	1	04/09/26	04/10/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		88.8 %	70-130	04/09/26	04/10/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2615103
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/09/26	04/10/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.9 %	70-130	04/09/26	04/10/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2615118
Diesel Range Organics (C10-C28)	ND	25.0	1	04/09/26	04/10/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/09/26	04/10/26	
<i>Surrogate: n-Nonane</i>		91.2 %	69-135	04/09/26	04/10/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2615112
Chloride	ND	200	10	04/09/26	04/09/26	



QC Summary Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 4/14/2026 2:59:40PM
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Volatile Organics by EPA 8021B

Analyst: MB

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 (2615103-BLK1)

Prepared: 04/09/26 Analyzed: 04/09/26

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.38		8.00		92.3	70-130			

LCS (2615103-BS1)

Prepared: 04/09/26 Analyzed: 04/09/26

Benzene	4.33	0.0250	5.00		86.6	70-130			
Ethylbenzene	4.14	0.0250	5.00		82.8	70-130			
Toluene	4.34	0.0250	5.00		86.7	70-130			
o-Xylene	4.20	0.0250	5.00		84.0	70-130			
p,m-Xylene	8.48	0.0500	10.0		84.8	70-130			
Total Xylenes	12.7	0.0250	15.0		84.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.45		8.00		93.1	70-130			

Matrix Spike (2615103-MS1)

Source: E604083-01

Prepared: 04/09/26 Analyzed: 04/10/26

Benzene	4.66	0.0250	5.00	ND	93.2	70-130			
Ethylbenzene	4.43	0.0250	5.00	ND	88.6	70-130			
Toluene	4.69	0.0250	5.00	ND	93.7	70-130			
o-Xylene	4.53	0.0250	5.00	ND	90.5	70-130			
p,m-Xylene	9.06	0.0500	10.0	ND	90.6	70-130			
Total Xylenes	13.6	0.0250	15.0	ND	90.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.29		8.00		91.1	70-130			

Matrix Spike Dup (2615103-MSD1)

Source: E604083-01

Prepared: 04/09/26 Analyzed: 04/10/26

Benzene	4.88	0.0250	5.00	ND	97.6	70-130	4.64	20	
Ethylbenzene	4.69	0.0250	5.00	ND	93.7	70-130	5.62	20	
Toluene	4.93	0.0250	5.00	ND	98.6	70-130	5.08	20	
o-Xylene	4.75	0.0250	5.00	ND	95.0	70-130	4.86	20	
p,m-Xylene	9.60	0.0500	10.0	ND	96.0	70-130	5.75	20	
Total Xylenes	14.3	0.0250	15.0	ND	95.7	70-130	5.45	20	
Surrogate: 4-Bromochlorobenzene-PID	7.41		8.00		92.6	70-130			



QC Summary Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 4/14/2026 2:59:40PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: MB

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 (2615103-BLK1)

Prepared: 04/09/26 Analyzed: 04/09/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.18		8.00		89.7	70-130			

LCS (2615103-BS2)

Prepared: 04/09/26 Analyzed: 04/10/26

Gasoline Range Organics (C6-C10)	47.6	20.0	50.0		95.2	62-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.39		8.00		92.3	70-130			

Matrix Spike (2615103-MS2)

Source: E604083-01

Prepared: 04/09/26 Analyzed: 04/10/26

Gasoline Range Organics (C6-C10)	48.6	20.0	50.0	ND	97.1	60-137			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.32		8.00		91.5	70-130			

Matrix Spike Dup (2615103-MSD2)

Source: E604083-01

Prepared: 04/09/26 Analyzed: 04/10/26

Gasoline Range Organics (C6-C10)	52.2	20.0	50.0	ND	104	60-137	7.27	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.09		8.00		88.7	70-130			



QC Summary Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 4/14/2026 2:59:40PM
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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 (2615118-BLK1)

Prepared: 04/09/26 Analyzed: 04/09/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	43.7		50.0		87.4	69-135			

LCS (2615118-BS1)

Prepared: 04/09/26 Analyzed: 04/09/26

Diesel Range Organics (C10-C28)	234	25.0	250		93.5	70-131			
Surrogate: n-Nonane	43.9		50.0		87.8	69-135			

Matrix Spike (2615118-MS1)

Source: E604084-02

Prepared: 04/09/26 Analyzed: 04/09/26

Diesel Range Organics (C10-C28)	235	25.0	250	ND	94.2	62-151			
Surrogate: n-Nonane	43.6		50.0		87.1	69-135			

Matrix Spike Dup (2615118-MSD1)

Source: E604084-02

Prepared: 04/09/26 Analyzed: 04/09/26

Diesel Range Organics (C10-C28)	235	25.0	250	ND	94.2	62-151	0.0181	20	
Surrogate: n-Nonane	45.2		50.0		90.4	69-135			



QC Summary Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 4/14/2026 2:59:40PM
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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 (2615112-BLK1)

Prepared: 04/09/26 Analyzed: 04/09/26

Chloride ND 20.0

LCS (2615112-BS1)

Prepared: 04/09/26 Analyzed: 04/09/26

Chloride 262 20.0 250 105 90-110

Matrix Spike (2615112-MS1)

Source: E604085-04

Prepared: 04/09/26 Analyzed: 04/09/26

Chloride 837 200 250 408 172 80-120 M2

Matrix Spike Dup (2615112-MSD1)

Source: E604085-04

Prepared: 04/09/26 Analyzed: 04/09/26

Chloride 829 200 250 408 169 80-120 0.886 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

Earth Systems	Project Name:	Buffalo Valley 8"	
1910 Resource Ct	Project Number:	24064-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Gilbert Moreno	04/14/26 14:59

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.



Chain of Custody

Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Earth Systems R & R				Company: Kinetik Midstream				Lab WO# E604087		Job Number 21064001		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Buffalo Valley 8"				Address:											X				
Project Manager: Gilbert Moreno				City, State, Zip:															
Address: 1910 Resource Ct				Phone: 575-973-3497															
City, State, Zip: Carlsbad NM, 88220				Email:															
Phone: 832-541-7719				Bill to: Ivan Jimenez															
Email: gmoreno@earthsys.net,																			

Sample Information										Analysis and Method								EPA Program		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	Depth (ft)	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Cation/Anion Pkg	Remarks	SDWA	CWA	RCRA	
12:40 pm	4/8/26	S	1	CS-101		1		1'				X				4.8 Incident #:				
12:50 pm	4/8/26	S	1	SW-5		2		0-1'				X				4.4	APP2529335946	Y	or	N
1:00 pm	4/8/26	S	1	SW-6		3		0-1'				X				4.1				
NFE																				

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.

Relinquished by: (Signature) <i>[Signature]</i>	Date 4/8/26	Time 1500	Received by: (Signature) <i>Michelle Gonzales</i>	Date 4-8-26	Time 1500	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.
Relinquished by: (Signature) <i>Michelle Gonzales</i>	Date 4-8-26	Time 1515	Received by: (Signature) <i>Mariassa Gonzales</i>	Date 4-8-26	Time 1515	
Relinquished by: (Signature) <i>Mariassa Gonzales</i>	Date 4-8-26	Time 1915	Received by: (Signature) <i>Johnny Archuleta</i>	Date 4-8-26	Time 1915	
Relinquished by: (Signature) <i>Johnny Archuleta</i>	Date 4-8-26	Time 2330	Received by: (Signature) <i>Cathy Manz</i>	Date 4-8-26	Time 800	

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: 4/10/2026 10:55:30AM

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: Earth Systems	Date Received: 04/09/26 08:00	Work Order ID: E604087
Phone: 832-541-7719	Date Logged In: 04/08/26 16:14	Logged In By: Caitlin Mars
Email: gmoreno@earthsys.net	Due Date: 04/14/26 17:00 (3 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

Comments/Resolution

L-NS
R-CM

Client Instruction

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

Date



envirotech Inc.



March 9, 2026

New Mexico Oil Conservation Division
506 W. Texas Ave
Artesia, NM 88210

RE: **Buffalo Valley 8" – Closure Request Report Addendum**
Incident Number: nAPP2529335946
GPS: 33.035482°, -104.165093°
Chaves County, New Mexico
ESRR Project No. 7626

To Whom It May Concern:

Earth Systems Response & Restoration (ESRR), on behalf of Kinetik Midstream (Kinetik), presents the following Closure Request Report Addendum (CRR) to document No Further Action (NFA) is warranted for the inadvertent release of produced water at the Buffalo Valley 8" (Site). Based on the recent soil sampling events and previously completed remedial actions documented in the previously submitted Closure Request Report (CRR), Kinetik is requesting NFA at the Site.

This CRR presents the additional data following the rejection of the previously submitted CRR for Incident Number nAPP2529335946. The CRR, submitted on December 23, 2025, was rejected by the New Mexico Oil Conservation Division (NMOCD) on January 8, 2026, for the following reasons:

- *"The Remediation Closure Report is Denied. The Remediation Closure Report includes an inadequate number of confirmation samples. Please collect confirmation samples, representing no more than 200 ft². Collect 5-point confirmation samples every 200 ft² throughout the entire "Area of Concern." A depth of 1 foot below surface is not adequate for a subsurface pipeline leak investigation. The OCD needs the spill vertically delineated, which would require sampling deep enough in the "Area of Concern" to investigate an inadvertent subsurface natural gas leak. Please make sure the area around the "Point of Release" is thoroughly investigated."*

On January 16, 2026, ESRR conducted an additional delineation soil sampling event to address one of the NMOCD's reasons for rejection. Delineation boreholes (HA-1, HA-2, and HA-6) were further advanced via hand auger with the addition of delineation boreholes (HA-11 through HA-13). Delineation activities were driven by field screening soil for chloride utilizing QuanTab® test strips and volatile organic compounds by a calibrated Photo Ionization Detector (PID). Delineation soil samples were placed directly into lab-provided pre-cleaned jars, packed with minimal void space, labeled, and placed on ice. The delineation soil samples were then transported under strict chain-of-custody procedures, to Envirotech in Farmington, New Mexico, for analysis of total petroleum hydrocarbons, chloride, benzene, and total BTEX.

Laboratory analytical results for each of the delineation soil samples were compliant with Site Closure Criteria and the reclamation standard. Laboratory analytical results are summarized in **Table 1**, included in the attachments. The locations of the delineation soil samples are represented in **Figure 2. Photographic Documentation** of activities is attached.

Buffalo Valley 8" – Closure Request Report Addendum
Incident Number: nAPP2529335946
GPS: 32.702382°, -103.863279°



On February 19, 2026, ESRR conducted an additional confirmation soil sampling event to address the second NMOCD reason for rejection. One hundred and four confirmation soil samples (CS-1 through CS-100 and SW-1 through SW-4) were collected throughout the entire "Area of Concern". The confirmation soil samples were comprised of five-point composite soil samples at a sampling frequency of 200 square feet. The confirmation soil samples were handled, labeled, transported and analyzed as previously described.

Laboratory analytical results for the final confirmation soil samples (CS-1 through CS-100 and SW-1 through SW-4) were compliant with Site Closure Criteria and the reclamation standard. Laboratory analytical results are summarized in **Table 1**, included in the attachments. The locations of the final confirmation soil samples are represented in **Figure 3. Photographic Documentation** of activities is attached.

Based on the recent laboratory analytical results in addition to the completed remedial actions documented in the previously submitted CRR, Kinetik believes these actions meet the requirements set forth in NMAC 19.15.29.13 regulations in order to be protective of human health, the environment, and groundwater. As such, NFA appears warranted at this time, and Kinetik respectfully requests Closure of this CRR associated with Incident Number nAPP2529335946.

If you have any questions or comments, please do not hesitate to contact Gilbert Moreno at (832) 541-7719 or gmoreno@earthsys.net. **Documentation and correspondence notifications, executed chain-of-custody forms and laboratory analytical reports**, and the **archived report** are attached.

Sincerely,

EARTH SYSTEMS RESPONSE & RESTORATION

A handwritten signature in black ink that reads "Gilbert Moreno".

Gilbert Moreno
Carlsbad Operations Manager/ Project Geologist

A handwritten signature in black ink that reads "Kris Williams".

Kris Williams, CHMM, REM
Principal

cc: Ivan Jimenez, Kinetik Midstream
New Mexico State Land Office

Attachments:

- Figure 1 - Site Map
- Figure 1A - Groundwater
- Figure 1B - Karst Potential
- Figure 2 - Delineation Soil Sample Locations
- Figure 3 - Confirmation Soil Sample Locations
- Referenced Well Record
- Photographic Documentation
- Table 1 - Soil Sample Analytical Results
- NMOCD Email Documentation & Correspondence
- Executed Chain-of-Custody Forms and Laboratory Analytical Reports
- Archived Report

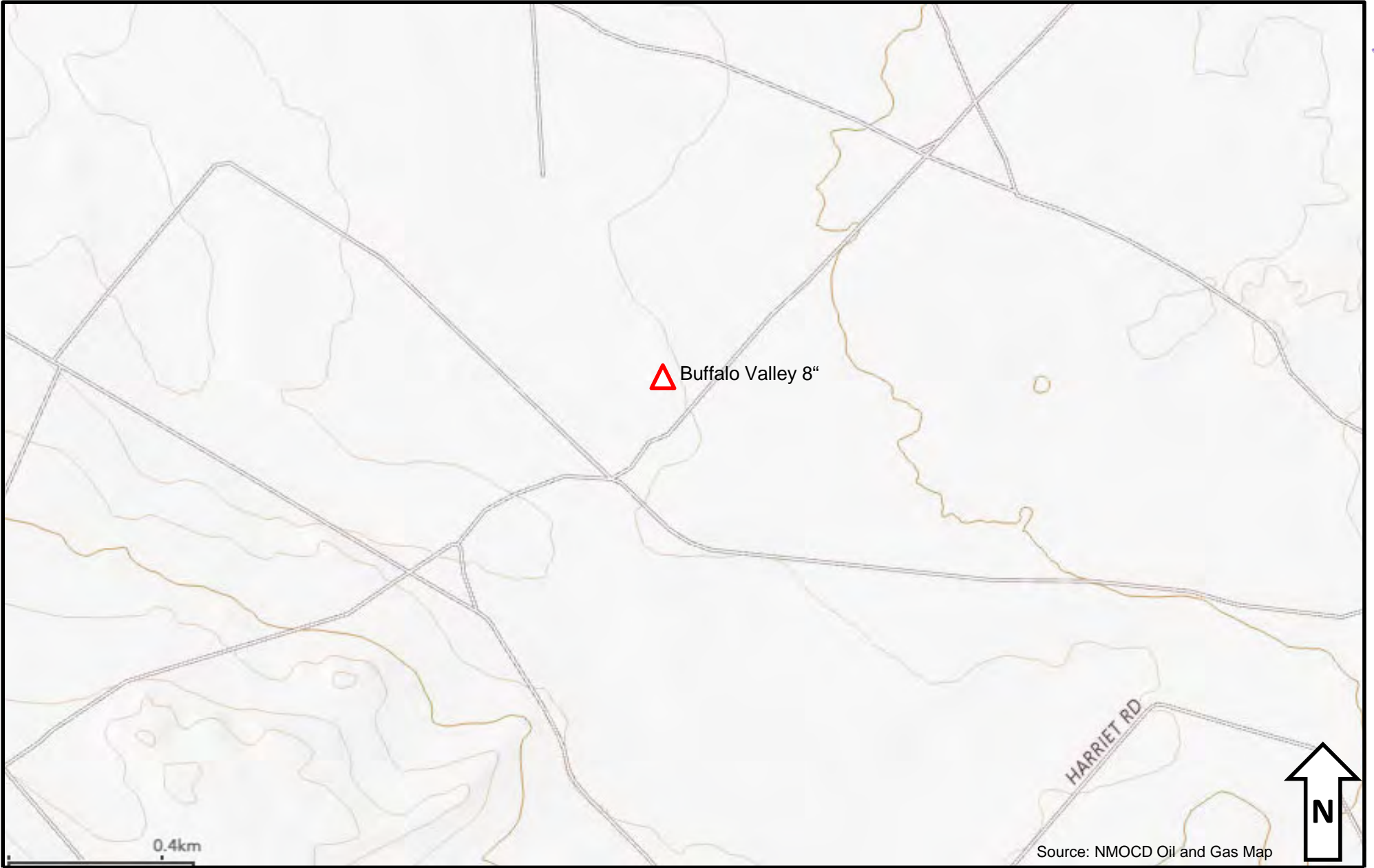
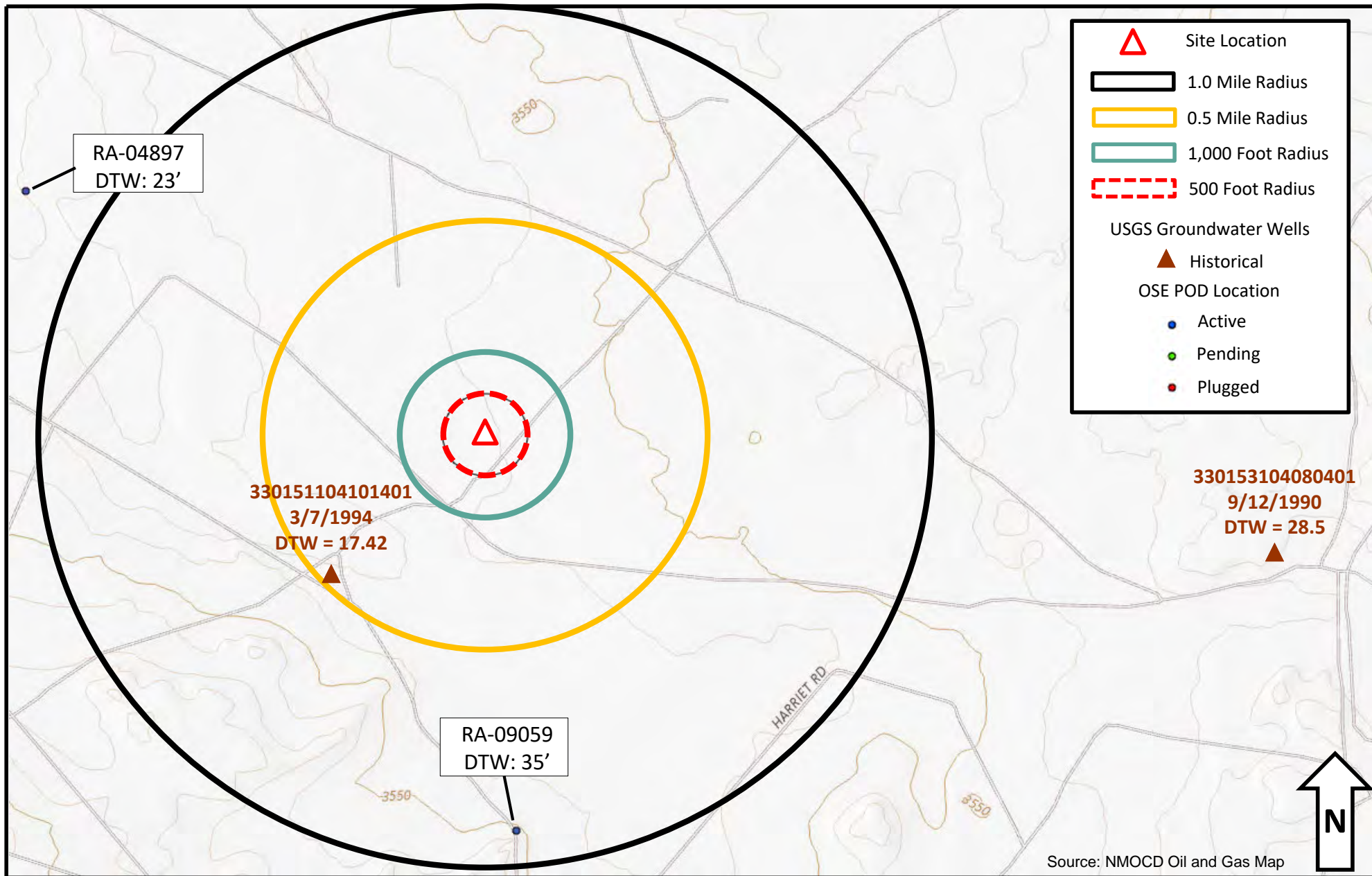


Figure 1 – Site Map

Kinetik Midstream – Buffalo Valley 8"
GPS: 33.035482°, -104.165093°
Chaves County, New Mexico





Source: NMOCD Oil and Gas Map

Figure 1A – Ground Water

Kinetik Midstream – Buffalo Valley 8"
GPS: 33.035482°, -104.165093°
Chaves County, New Mexico



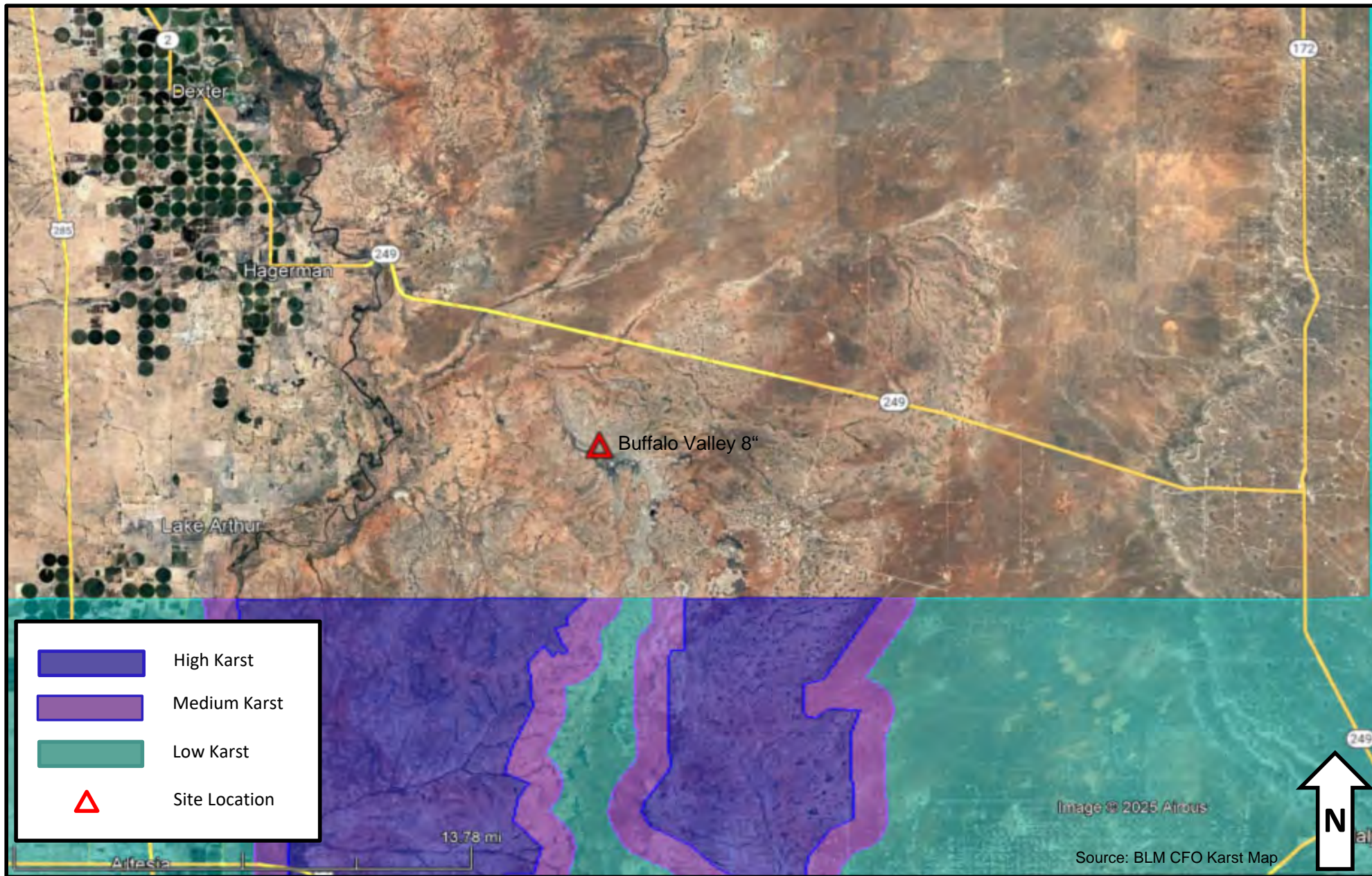


Figure 1B – Karst Potential
 Kinetik Midstream – Buffalo Valley 8"
 GPS: 33.035482°, -104.165093°
 Chaves County, New Mexico



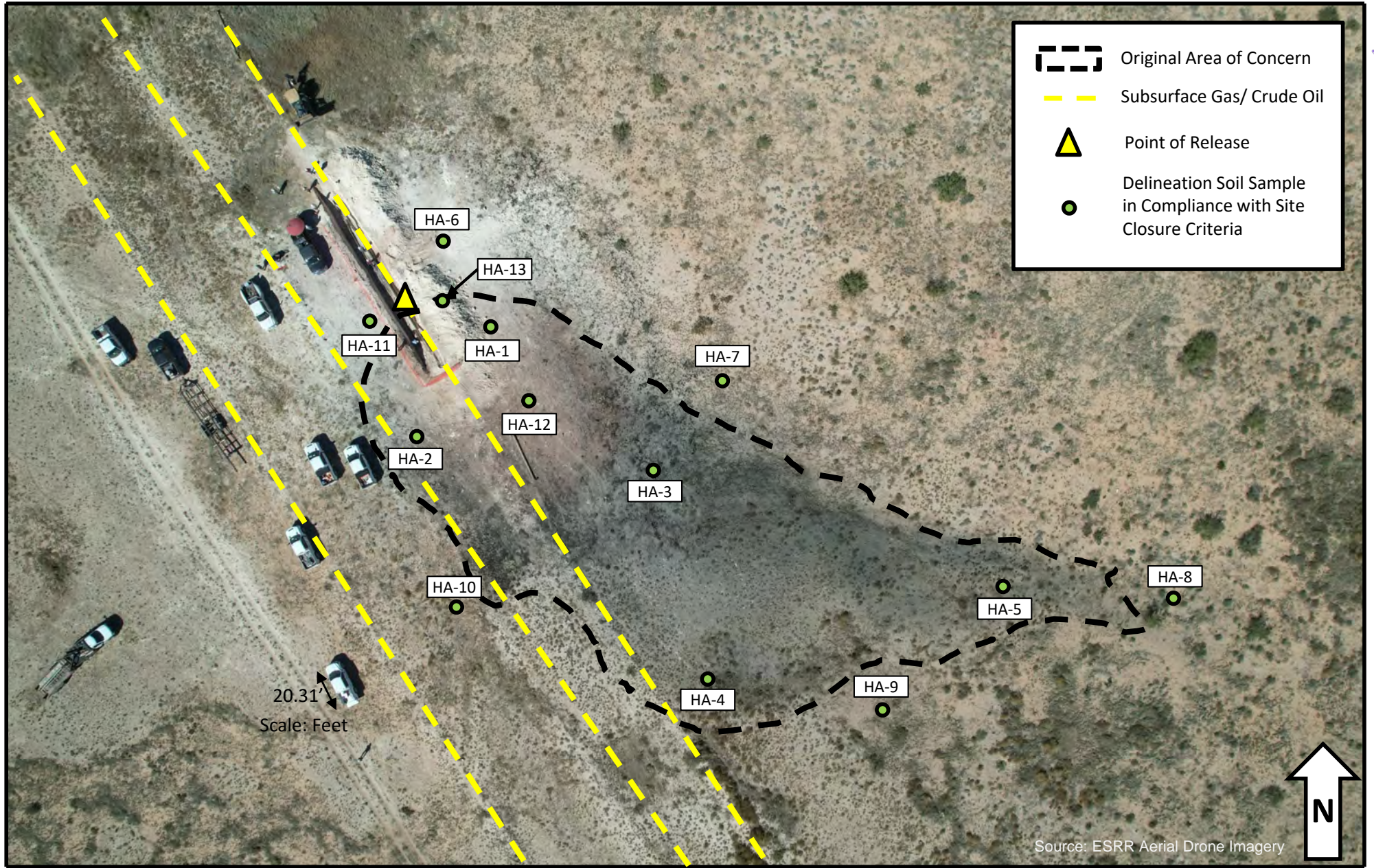


Figure 2 – Delineation Soil Sample Locations

Kinetik Midstream – Buffalo Valley 8"
GPS: 33.035482°, -104.165093°
Chaves County, New Mexico



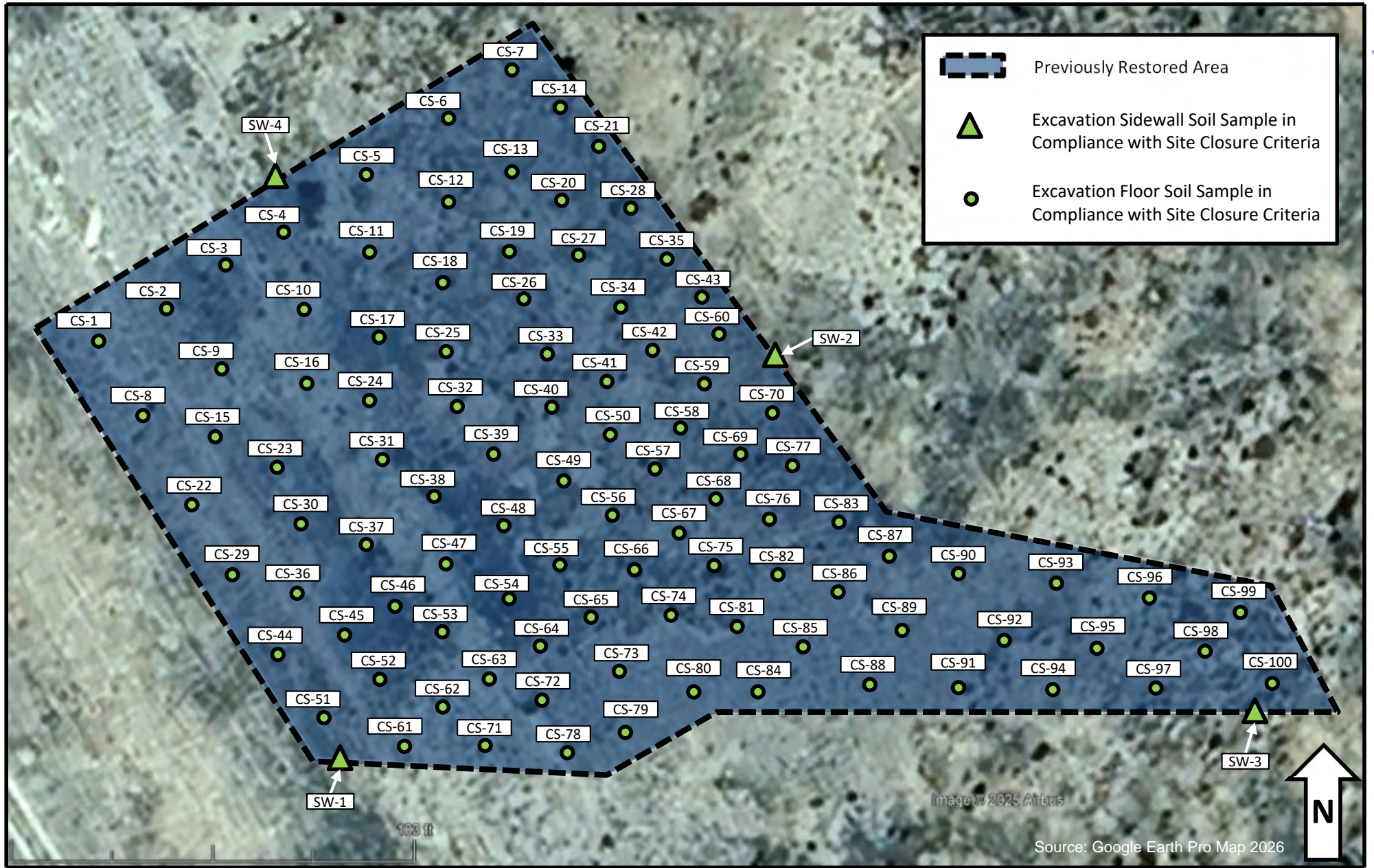


Figure 3 – Confirmation Soil Sample Locations

Kinetik Midstream – Buffalo Valley 8"
GPS: 33.035482°, -104.165093°
Chaves County, New Mexico

STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well HOWARD BIRCHFIELD Owner's Well No. _____
Street or Post Office Address P.O. Box 250
City and State HIGGERMAN, N.M. 88232 - 20250

Well was drilled under Permit No. RA-9059 and is located in the:
a. NE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 18 Township 15 S Range 28 E. N.M. P.M.
b. Tract No. _____ of Map No. _____ of the _____
c. Lot No. _____ of Block No. _____ of the _____
Subdivision, recorded in CHAVES County.
d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in
the _____ Grant.

(B) Drilling Contractor RAYMOND ANDERSON License No. WD-1344
Address 20 E. ANASAGI RD. DEETER, N.M. 88230
Drilling Began 11-13-95 Completed 1-15-96 Type tools CABLE Size of hole 7 1/2" in.
Elevation of land surface or _____ at well is _____ ft. Total depth of well 110" ft.
Completed well is shallow artesian. Depth to water upon completion of well 35' ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
From	To			
<u>60</u>	<u>65</u>	<u>5</u>	<u>SAND GRAVEL</u>	<u>1 GPM</u>

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet		Length (feet)	Type of Shoe	Perforations	
			Top	Bottom			From	To
<u>4 1/2</u>			<u>30'</u>	<u>90'</u>	<u>90'</u>		<u>30'</u>	<u>90'</u>

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet		Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
From	To				
			<u>2 SACKS CONCRETE</u>		<u>MIX POUR</u>

Section 5. PLUGGING RECORD

FEB - 8 1996

Plugging Contractor _____
Address _____
Plugging Method _____
Date Well Plugged _____
Plugging approved by: _____
State Engineer Representative

No.	Depth in Feet		Cubic Feet of Cement
	Top	Bottom	
1			
2			
3			
4			

Date Received **February 8, 1996** FOR USE OF STATE ENGINEER ONLY
Quad _____ FWL _____ FSL _____
File No. RA-9059 Use Dom/Stk Location No. 15S.28E.18.221244

Buffalo Valley 8" - Closure Request Report Addendum
Incident Number: nAPP2529335946
GPS: 33.035482°, -104.165093°



PHOTO 1: Southwestern view during additional delineation activities. 1/16/2026



PHOTO 2: Northeastern view during additional delineation activities. 1/16/2026

Buffalo Valley 8" - Closure Request Report Addendum
Incident Number: nAPP2529335946
GPS: 33.035482°, -104.165093°



PHOTO 3: Northwestern view during additional delineation activities. 1/16/2026

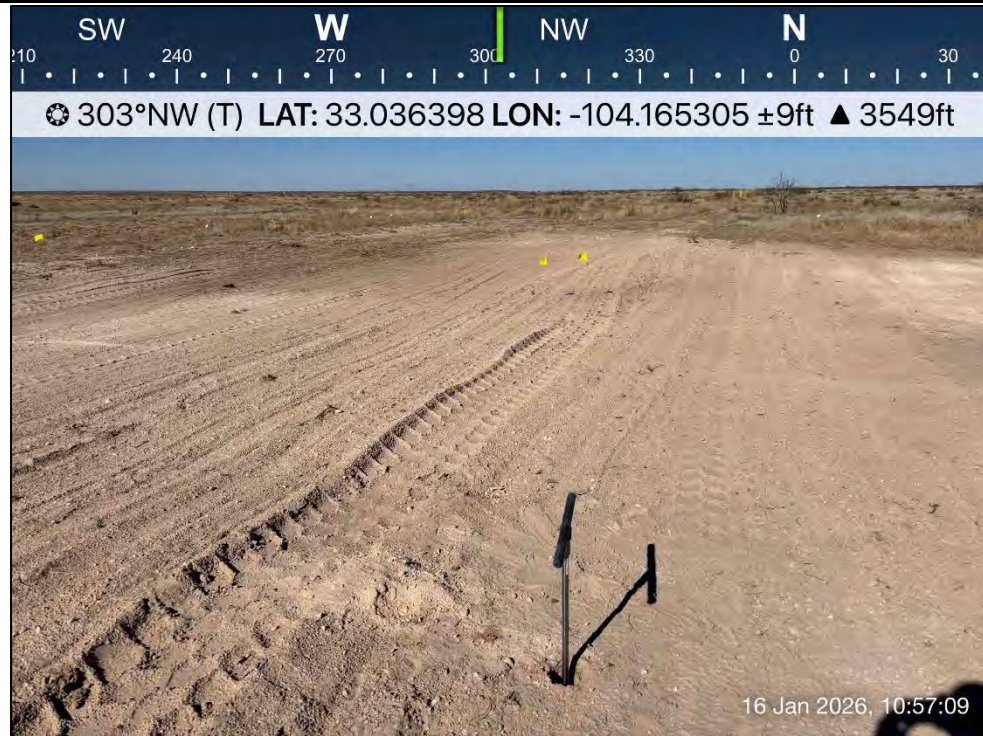


PHOTO 4: Northwestern view during additional delineation activities. 1/16/2026

Buffalo Valley 8" - Closure Request Report Addendum
Incident Number: nAPP2529335946
GPS: 33.035482°, -104.165093°



PHOTO 5: Eastern view during additional delineation activities. 1/16/2026



PHOTO 6: Northwestern view during confirmation sampling activities. 2/19/2026

Buffalo Valley 8" - Closure Request Report Addendum
Incident Number: nAPP2529335946
GPS: 33.035482°, -104.165093°



PHOTO 7: Southeastern view during confirmation sampling activities. 2/19/2026



PHOTO 8: Southeastern view during confirmation sampling activities. 2/19/2026



Table 1
SOIL SAMPLE ANALYTICAL RESULTS
Buffalo Valley 8"
Chaves County, New Mexico



Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table 1 Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)			10	50	NE	NE	NE	100	600
Delineation Soil Samples - nAPP2529335946									
HA-1	10/24/2025	0.5	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<100
HA-1	10/24/2025	1	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<200
HA-1	1/16/2026	2	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<100
HA-1	1/16/2026	4	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<200
HA-2	10/24/2025	0.5	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	81.1
HA-2	10/24/2025	1	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
HA-2	1/16/2026	2	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
HA-2	1/16/2026	4	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
HA-3	10/24/2025	0.5	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	218
HA-3	10/24/2025	1	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<100
HA-4	10/24/2025	0.5	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<100
HA-4	10/24/2025	1	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<200
HA-5	10/24/2025	0.5	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<100
HA-5	10/24/2025	1	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<100
HA-6	10/24/2025	0.5	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<100
HA-6	1/16/2026	2	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<200
HA-6	1/16/2026	4	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	214
HA-7	10/24/2025	0.5	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
HA-8	10/24/2025	0.5	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<40.0
HA-9	10/24/2025	0.5	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
HA-10	10/24/2025	0.5	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<200



Table 1
SOIL SAMPLE ANALYTICAL RESULTS
Buffalo Valley 8"
Chaves County, New Mexico



Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table 1 Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)			10	50	NE	NE	NE	100	600
Delineation Soil Samples - nAPP2529335946									
HA-11	1/16/2026	0.5	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<200
HA-11	1/16/2026	2	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<200
HA-11	1/16/2026	4	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<200
HA-12	1/16/2026	0.5	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<200
HA-12	1/16/2026	2	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<200
HA-12	1/16/2026	4	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<200
HA-13	1/16/2026	0.5	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<200
HA-13	1/16/2026	2	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<200
HA-13	1/16/2026	4	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<200
Confirmation Soil Samples - nAPP2529335946									
SW - 1	2/19/2026	0-0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<100
SW - 2	2/19/2026	0-0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<200
SW - 3	2/19/2026	0-0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
SW - 4	2/19/2026	0-0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<100
CS - 1	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<100
CS - 2	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<200
CS - 3	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<200
CS - 4	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<200
CS - 5	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<40.0
CS - 6	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<40.0
CS - 7	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<100
CS - 8	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<100
CS - 9	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<100
CS - 10	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<100
CS - 11	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<100
CS - 12	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<200



Table 1
SOIL SAMPLE ANALYTICAL RESULTS
Buffalo Valley 8"
Chaves County, New Mexico



Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table 1 Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)			10	50	NE	NE	NE	100	600
Confirmation Soil Samples - nAPP2529335946									
CS - 13	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<200
CS - 14	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<200
CS - 15	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<40.0
CS - 16	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<100
CS - 17	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<40.0
CS - 18	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<40.0
CS - 19	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS - 20	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS - 21	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<100
CS - 22	2/19/2026	0.25	<0.0250	0.0291	<20.0	<25.0	<50.0	<95.0	<100
CS - 23	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<100
CS - 24	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<100
CS - 25	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<100
CS - 26	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<100
CS - 27	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<40.0
CS - 28	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<40.0
CS - 29	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<40.0
CS - 30	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<40.0
CS - 31	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<100
CS - 32	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<100
CS - 33	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<100
CS - 34	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<100
CS - 35	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<100
CS - 36	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<100
CS - 37	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<100
CS - 38	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<100



Table 1
SOIL SAMPLE ANALYTICAL RESULTS
Buffalo Valley 8"
Chaves County, New Mexico



Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table 1 Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)			10	50	NE	NE	NE	100	600
Confirmation Soil Samples - nAPP2529335946									
CS - 39	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	73.6
CS - 40	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	78.7
CS - 41	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<100
CS - 42	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<100
CS - 43	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<100
CS - 44	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<100
CS - 45	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<100
CS - 46	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	55.58	55.58	<100
CS - 47	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	66.3
CS - 48	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	60.8
CS - 49	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS - 50	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS - 51	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<40.0
CS - 52	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<40.0
CS - 53	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<100
CS - 54	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<100
CS - 55	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	57.2	57.2	<100
CS - 56	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	135
CS - 57	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<100
CS - 58	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<100
CS - 59	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	25.3
CS - 60	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	24.9
CS - 61	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<200
CS - 62	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<200
CS - 63	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<200
CS - 64	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<100



Table 1
SOIL SAMPLE ANALYTICAL RESULTS
Buffalo Valley 8"
Chaves County, New Mexico



Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table 1 Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)			10	50	NE	NE	NE	100	600
Confirmation Soil Samples - nAPP2529335946									
CS - 65	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	149
CS - 66	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	149
CS - 67	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<100
CS - 68	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<200
CS - 69	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	25.3
CS - 70	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	23.8
CS - 71	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<100
CS - 72	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<200
CS - 73	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<200
CS - 74	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<200
CS - 75	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS - 76	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS - 77	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS - 78	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<100
CS - 79	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<100
CS - 80	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<100
CS - 81	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<200
CS - 82	2/19/2026	0.25	<0.0250	0.0306	<20.0	<25.0	<50.0	<95.0	<200
CS - 83	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<200
CS - 84	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<200
CS - 85	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<100
CS - 86	2/19/2026	0.25	<0.0250	0.0306	<20.0	<25.0	<50.0	<95.0	<200
CS - 87	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<200
CS - 88	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<200
CS - 89	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<200
CS - 90	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<200



**Table 1
SOIL SAMPLE ANALYTICAL RESULTS
Buffalo Valley 8"
Chaves County, New Mexico**



Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)			10	50	NE	NE	NE	100	600
Confirmation Soil Samples - nAPP2529335946									
CS - 91	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS - 92	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS - 93	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS - 94	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
CS - 95	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<100
CS - 96	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<200
CS - 97	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<100
CS - 98	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<200
CS - 99	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<200
CS - 100	2/19/2026	0.25	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<200

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
 NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code
 Text in "grey" represents excavated soil samples
 Concentrations in **bold and highlighted** exceed the NMOCD Table I Closure Criteria and/or Reclamation Standard[†] for Soils Impacted by a Release
[†]The reclamation 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.

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 542736

QUESTIONS

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 542736
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2529335946
Incident Name	NAPP2529335946 BUFFALO VALLEY 8" @ FAPP2123229442
Incident Type	Natural Gas Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2123229442] Frontier Field Services Gathering System

Location of Release Source	
Site Name	Buffalo Valley 8"
Date Release Discovered	10/17/2025
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	1,200
What is the estimated number of samples that will be gathered	10
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/16/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Gilbert Moreno (832) 541-7719
Please provide any information necessary for navigation to sampling site	33.035482, -104.165093

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 542736

CONDITIONS

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 542736
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
ijimenez	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.	1/13/2026
ijimenez	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.	1/13/2026

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

General Information
Phone: (505) 629-6116

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<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 554557

QUESTIONS

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 554557
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2529335946
Incident Name	NAPP2529335946 BUFFALO VALLEY 8" @ FAPP2123229442
Incident Type	Natural Gas Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2123229442] Frontier Field Services Gathering System

Location of Release Source	
Site Name	Buffalo Valley 8"
Date Release Discovered	10/17/2025
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	20,197
What is the estimated number of samples that will be gathered	105
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/19/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Gilbert Moreno (832) 541-7719
Please provide any information necessary for navigation to sampling site	33.035482, -104.165093

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 554557

CONDITIONS

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 554557
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
ijimenez	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	2/17/2026
ijimenez	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	2/17/2026



FW: **ExternalThe Oil Conservation Division (OCD) has rejected the application, Application ID: 537284**

From Ivan Jimenez <ijimenez@kinetik.com>
Date Thu 2/5/2026 1:31 PM
To Gilbert Moreno <gmoreno@earthsys.net>

Hey Gilbert,

Please see attached



Ivan Jimenez | Environmental Tech II
ijimenez@kinetik.com www.kinetik.com
PO Box 130
132766 Lovington Highway
Loco Hills N.M. 88255
Mobile: 575.973.3497

From: OCDOnline@emnrd.nm.gov <OCDOnline@emnrd.nm.gov>
Sent: Thursday, January 8, 2026 1:09 PM
To: Ivan Jimenez <ijimenez@kinetik.com>
Subject: ****External****The Oil Conservation Division (OCD) has rejected the application, Application ID: 537284

****[CAUTION]**** This email was received from someone outside of the Kinetik organization.

WARNING: EXTERNAL EMAIL: PROCEED WITH CAUTION.

Do not respond, click on any links or open attachments unless you recognize the sender, were expecting this email and/or know the content(s) are safe.

To whom it may concern (c/o Ivan Jimenez for FRONTIER FIELD SERVICES, LLC),

The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2529335946, for the following reasons:

- **The Remediation Closure Report is Denied. The Remediation Closure Report includes an inadequate number of confirmation samples. Please collect confirmation samples, representing no more than 200 ft². Collect 5-point confirmation samples every 200 ft² throughout the entire "Area of Concern." A depth of 1 foot below surface is not adequate for a subsurface pipeline leak investigation. The OCD needs the spill vertically delineated, which would**

require sampling deep enough in the “Area of Concern” to investigate an inadvertent subsurface natural gas leak. Please make sure the area around the “Point of Release” is thoroughly investigated.

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 537284.

Please review and make the required correction(s) prior to resubmitting.

If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141.

Thank you,

Robert Hamlet

575-748-1283

Robert.Hamlet@emnrd.nm.gov

New Mexico Energy, Minerals and Natural Resources Department

1220 South St. Francis Drive

Santa Fe, NM 87505

Disclaimer

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Report to:
Gilbert Moreno



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Earth Systems

Project Name: Buffalo Valley 8" 7626

Work Order: E601159

Job Number: 24064-0001

Received: 1/19/2026

Revision: 4

Report Reviewed By:

Walter Hinchman
Laboratory Director
1/29/26

5796 U.S. Hwy 64
Farmington, NM 87401

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



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
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Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.



Date Reported: 1/29/26

Gilbert Moreno
1910 Resource Ct
Carlsbad, NM 88220

Project Name: Buffalo Valley 8" 7626
Workorder: E601159
Date Received: 1/19/2026 5:45:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/19/2026 5:45:00AM, under the Project Name: Buffalo Valley 8" 7626.

The analytical test results summarized in this report with the Project Name: Buffalo Valley 8" 7626 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

Earth Systems
1910 Resource Ct
Carlsbad NM, 88220

Project Name: Buffalo Valley 8" 7626
Project Number: 24064-0001
Project Manager: Gilbert Moreno

Reported:
01/29/26 12:19

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
HA - 1 2'	E601159-01A	Soil	01/16/26	01/19/26	Glass Jar, 2 oz.
HA - 1 4'	E601159-02A	Soil	01/16/26	01/19/26	Glass Jar, 2 oz.
HA - 2 2'	E601159-03A	Soil	01/16/26	01/19/26	Glass Jar, 2 oz.
HA - 2 4'	E601159-04A	Soil	01/16/26	01/19/26	Glass Jar, 2 oz.
HA - 6 2'	E601159-05A	Soil	01/16/26	01/19/26	Glass Jar, 2 oz.
HA - 6 4'	E601159-06A	Soil	01/16/26	01/19/26	Glass Jar, 2 oz.
HA - 13 0.5'	E601159-07A	Soil	01/16/26	01/19/26	Glass Jar, 2 oz.
HA - 13 2'	E601159-08A	Soil	01/16/26	01/19/26	Glass Jar, 2 oz.
HA - 13 4'	E601159-09A	Soil	01/16/26	01/19/26	Glass Jar, 2 oz.
HA - 11 0.5'	E601159-10A	Soil	01/16/26	01/19/26	Glass Jar, 2 oz.
HA - 11 2'	E601159-11A	Soil	01/16/26	01/19/26	Glass Jar, 2 oz.
HA - 11 4'	E601159-12A	Soil	01/16/26	01/19/26	Glass Jar, 2 oz.
HA - 12 0.5'	E601159-13A	Soil	01/16/26	01/19/26	Glass Jar, 2 oz.
HA - 12 2'	E601159-14A	Soil	01/16/26	01/19/26	Glass Jar, 2 oz.
HA - 12 4'	E601159-15A	Soil	01/16/26	01/19/26	Glass Jar, 2 oz.



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 1/29/2026 12:19:11PM
---	---	--

HA - 1 2'
E601159-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604019
Benzene	ND	0.0250	1	01/19/26	01/21/26	
Ethylbenzene	ND	0.0250	1	01/19/26	01/21/26	
Toluene	ND	0.0250	1	01/19/26	01/21/26	
o-Xylene	ND	0.0250	1	01/19/26	01/21/26	
p,m-Xylene	ND	0.0500	1	01/19/26	01/21/26	
Total Xylenes	ND	0.0250	1	01/19/26	01/21/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		99.7 %	70-130	01/19/26	01/21/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2604019
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/19/26	01/21/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		101 %	70-130	01/19/26	01/21/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2604066
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/26	01/21/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/26	01/21/26	
<i>Surrogate: n-Nonane</i>						
		104 %	61-141	01/20/26	01/21/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2604025
Chloride	ND	100	5	01/19/26	01/19/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 1/29/2026 12:19:11PM
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HA - 1 4'

E601159-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2604019
Benzene	ND	0.0250	1	01/19/26	01/21/26	
Ethylbenzene	ND	0.0250	1	01/19/26	01/21/26	
Toluene	ND	0.0250	1	01/19/26	01/21/26	
o-Xylene	ND	0.0250	1	01/19/26	01/21/26	
p,m-Xylene	ND	0.0500	1	01/19/26	01/21/26	
Total Xylenes	ND	0.0250	1	01/19/26	01/21/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.7 %	70-130	01/19/26	01/21/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2604019
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/19/26	01/21/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		100 %	70-130	01/19/26	01/21/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2604066
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/26	01/21/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/26	01/21/26	
<i>Surrogate: n-Nonane</i>		101 %	61-141	01/20/26	01/21/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2604025
Chloride	ND	200	10	01/19/26	01/19/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 1/29/2026 12:19:11PM
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HA - 2 2'

E601159-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2604019
Benzene	ND	0.0250	1	01/19/26	01/22/26	
Ethylbenzene	ND	0.0250	1	01/19/26	01/22/26	
Toluene	ND	0.0250	1	01/19/26	01/22/26	
o-Xylene	ND	0.0250	1	01/19/26	01/22/26	
p,m-Xylene	ND	0.0500	1	01/19/26	01/22/26	
Total Xylenes	ND	0.0250	1	01/19/26	01/22/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.3 %	70-130	01/19/26	01/22/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2604019
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/19/26	01/22/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		101 %	70-130	01/19/26	01/22/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2604066
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/26	01/21/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/26	01/21/26	
<i>Surrogate: n-Nonane</i>		106 %	61-141	01/20/26	01/21/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2604025
Chloride	ND	20.0	1	01/19/26	01/19/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 1/29/2026 12:19:11PM
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HA - 2 4'

E601159-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2604019
Benzene	ND	0.0250	1	01/19/26	01/22/26	
Ethylbenzene	ND	0.0250	1	01/19/26	01/22/26	
Toluene	ND	0.0250	1	01/19/26	01/22/26	
o-Xylene	ND	0.0250	1	01/19/26	01/22/26	
p,m-Xylene	ND	0.0500	1	01/19/26	01/22/26	
Total Xylenes	ND	0.0250	1	01/19/26	01/22/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.6 %	70-130	01/19/26	01/22/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2604019
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/19/26	01/22/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		104 %	70-130	01/19/26	01/22/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2604066
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/26	01/21/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/26	01/21/26	
<i>Surrogate: n-Nonane</i>		103 %	61-141	01/20/26	01/21/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2604025
Chloride	ND	20.0	1	01/19/26	01/19/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 1/29/2026 12:19:11PM
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HA - 6 2'
E601159-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2604019
Benzene	ND	0.0250	1	01/19/26	01/21/26	
Ethylbenzene	ND	0.0250	1	01/19/26	01/21/26	
Toluene	ND	0.0250	1	01/19/26	01/21/26	
o-Xylene	ND	0.0250	1	01/19/26	01/21/26	
p,m-Xylene	ND	0.0500	1	01/19/26	01/21/26	
Total Xylenes	ND	0.0250	1	01/19/26	01/21/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	01/19/26	01/21/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2604019
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/19/26	01/21/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.2 %	70-130	01/19/26	01/21/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2604066
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/26	01/21/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/26	01/21/26	
<i>Surrogate: n-Nonane</i>		106 %	61-141	01/20/26	01/21/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2604025
Chloride	ND	200	10	01/19/26	01/19/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 1/29/2026 12:19:11PM
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HA - 6 4'

E601159-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2604019
Benzene	ND	0.0250	1	01/19/26	01/22/26	
Ethylbenzene	ND	0.0250	1	01/19/26	01/22/26	
Toluene	ND	0.0250	1	01/19/26	01/22/26	
o-Xylene	ND	0.0250	1	01/19/26	01/22/26	
p,m-Xylene	ND	0.0500	1	01/19/26	01/22/26	
Total Xylenes	ND	0.0250	1	01/19/26	01/22/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.9 %	70-130	01/19/26	01/22/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2604019
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/19/26	01/22/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		100 %	70-130	01/19/26	01/22/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2604066
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/26	01/21/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/26	01/21/26	
<i>Surrogate: n-Nonane</i>		101 %	61-141	01/20/26	01/21/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2604025
Chloride	214	200	10	01/19/26	01/19/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 1/29/2026 12:19:11PM
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HA - 13 0.5'

E601159-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2604019
Benzene	ND	0.0250	1	01/19/26	01/22/26	
Ethylbenzene	ND	0.0250	1	01/19/26	01/22/26	
Toluene	ND	0.0250	1	01/19/26	01/22/26	
o-Xylene	ND	0.0250	1	01/19/26	01/22/26	
p,m-Xylene	ND	0.0500	1	01/19/26	01/22/26	
Total Xylenes	ND	0.0250	1	01/19/26	01/22/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.9 %	70-130	01/19/26	01/22/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2604019
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/19/26	01/22/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		102 %	70-130	01/19/26	01/22/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2604066
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/26	01/22/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/26	01/22/26	
<i>Surrogate: n-Nonane</i>		103 %	61-141	01/20/26	01/22/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2604025
Chloride	ND	200	10	01/19/26	01/19/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 1/29/2026 12:19:11PM
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HA - 13 2'

E601159-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2604019
Benzene	ND	0.0250	1	01/19/26	01/22/26	
Ethylbenzene	ND	0.0250	1	01/19/26	01/22/26	
Toluene	ND	0.0250	1	01/19/26	01/22/26	
o-Xylene	ND	0.0250	1	01/19/26	01/22/26	
p,m-Xylene	ND	0.0500	1	01/19/26	01/22/26	
Total Xylenes	ND	0.0250	1	01/19/26	01/22/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.8 %	70-130	01/19/26	01/22/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2604019
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/19/26	01/22/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		99.7 %	70-130	01/19/26	01/22/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2604066
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/26	01/22/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/26	01/22/26	
<i>Surrogate: n-Nonane</i>		102 %	61-141	01/20/26	01/22/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2604025
Chloride	ND	200	10	01/19/26	01/19/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 1/29/2026 12:19:11PM
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HA - 13 4'

E601159-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2604019
Benzene	ND	0.0250	1	01/19/26	01/22/26	
Ethylbenzene	ND	0.0250	1	01/19/26	01/22/26	
Toluene	ND	0.0250	1	01/19/26	01/22/26	
o-Xylene	ND	0.0250	1	01/19/26	01/22/26	
p,m-Xylene	ND	0.0500	1	01/19/26	01/22/26	
Total Xylenes	ND	0.0250	1	01/19/26	01/22/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.8 %	70-130	01/19/26	01/22/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2604019
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/19/26	01/22/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		101 %	70-130	01/19/26	01/22/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2604066
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/26	01/22/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/26	01/22/26	
<i>Surrogate: n-Nonane</i>		101 %	61-141	01/20/26	01/22/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2604025
Chloride	ND	200	10	01/19/26	01/19/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 1/29/2026 12:19:11PM
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HA - 11 0.5'

E601159-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2604019
Benzene	ND	0.0250	1	01/19/26	01/22/26	
Ethylbenzene	ND	0.0250	1	01/19/26	01/22/26	
Toluene	ND	0.0250	1	01/19/26	01/22/26	
o-Xylene	ND	0.0250	1	01/19/26	01/22/26	
p,m-Xylene	ND	0.0500	1	01/19/26	01/22/26	
Total Xylenes	ND	0.0250	1	01/19/26	01/22/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.6 %	70-130	01/19/26	01/22/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2604019
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/19/26	01/22/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		101 %	70-130	01/19/26	01/22/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2604066
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/26	01/22/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/26	01/22/26	
<i>Surrogate: n-Nonane</i>		118 %	61-141	01/20/26	01/22/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2604025
Chloride	ND	200	10	01/19/26	01/19/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 1/29/2026 12:19:11PM
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HA - 11 2'
E601159-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2604019
Benzene	ND	0.0250	1	01/19/26	01/22/26	
Ethylbenzene	ND	0.0250	1	01/19/26	01/22/26	
Toluene	ND	0.0250	1	01/19/26	01/22/26	
o-Xylene	ND	0.0250	1	01/19/26	01/22/26	
p,m-Xylene	ND	0.0500	1	01/19/26	01/22/26	
Total Xylenes	ND	0.0250	1	01/19/26	01/22/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.5 %	70-130	01/19/26	01/22/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2604019
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/19/26	01/22/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		102 %	70-130	01/19/26	01/22/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2604066
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/26	01/22/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/26	01/22/26	
<i>Surrogate: n-Nonane</i>		109 %	61-141	01/20/26	01/22/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2604025
Chloride	ND	200	10	01/19/26	01/19/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 1/29/2026 12:19:11PM
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HA - 11 4'

E601159-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2604019
Benzene	ND	0.0250	1	01/19/26	01/22/26	
Ethylbenzene	ND	0.0250	1	01/19/26	01/22/26	
Toluene	ND	0.0250	1	01/19/26	01/22/26	
o-Xylene	ND	0.0250	1	01/19/26	01/22/26	
p,m-Xylene	ND	0.0500	1	01/19/26	01/22/26	
Total Xylenes	ND	0.0250	1	01/19/26	01/22/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.1 %	70-130	01/19/26	01/22/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2604019
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/19/26	01/22/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		101 %	70-130	01/19/26	01/22/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2604066
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/26	01/22/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/26	01/22/26	
<i>Surrogate: n-Nonane</i>		97.1 %	61-141	01/20/26	01/22/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2604025
Chloride	ND	200	10	01/19/26	01/19/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 1/29/2026 12:19:11PM
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HA - 12 0.5'

E601159-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2604019
Benzene	ND	0.0250	1	01/19/26	01/22/26	
Ethylbenzene	ND	0.0250	1	01/19/26	01/22/26	
Toluene	ND	0.0250	1	01/19/26	01/22/26	
o-Xylene	ND	0.0250	1	01/19/26	01/22/26	
p,m-Xylene	ND	0.0500	1	01/19/26	01/22/26	
Total Xylenes	ND	0.0250	1	01/19/26	01/22/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.7 %	70-130	01/19/26	01/22/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2604019
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/19/26	01/22/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		102 %	70-130	01/19/26	01/22/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2604066
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/26	01/22/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/26	01/22/26	
<i>Surrogate: n-Nonane</i>		100 %	61-141	01/20/26	01/22/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2604025
Chloride	ND	200	10	01/19/26	01/19/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 1/29/2026 12:19:11PM
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HA - 12 2'

E601159-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2604019
Benzene	ND	0.0250	1	01/19/26	01/22/26	
Ethylbenzene	ND	0.0250	1	01/19/26	01/22/26	
Toluene	ND	0.0250	1	01/19/26	01/22/26	
o-Xylene	ND	0.0250	1	01/19/26	01/22/26	
p,m-Xylene	ND	0.0500	1	01/19/26	01/22/26	
Total Xylenes	ND	0.0250	1	01/19/26	01/22/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.2 %	70-130	01/19/26	01/22/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2604019
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/19/26	01/22/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		102 %	70-130	01/19/26	01/22/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2604066
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/26	01/22/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/26	01/22/26	
<i>Surrogate: n-Nonane</i>		101 %	61-141	01/20/26	01/22/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2604025
Chloride	ND	200	10	01/19/26	01/19/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 1/29/2026 12:19:11PM
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HA - 12 4'

E601159-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2604019
Benzene	ND	0.0250	1	01/19/26	01/22/26	
Ethylbenzene	ND	0.0250	1	01/19/26	01/22/26	
Toluene	ND	0.0250	1	01/19/26	01/22/26	
o-Xylene	ND	0.0250	1	01/19/26	01/22/26	
p,m-Xylene	ND	0.0500	1	01/19/26	01/22/26	
Total Xylenes	ND	0.0250	1	01/19/26	01/22/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.3 %	70-130	01/19/26	01/22/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2604019
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/19/26	01/22/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		106 %	70-130	01/19/26	01/22/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2604066
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/26	01/22/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/26	01/22/26	
<i>Surrogate: n-Nonane</i>		101 %	61-141	01/20/26	01/22/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2604025
Chloride	ND	200	10	01/19/26	01/19/26	



QC Summary Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 1/29/2026 12:19:11PM
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Volatile Organics by EPA 8021B

Analyst: MB

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 (2604019-BLK1)

Prepared: 01/19/26 Analyzed: 01/21/26

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.02		8.00		100	70-130			

LCS (2604019-BS1)

Prepared: 01/19/26 Analyzed: 01/21/26

Benzene	4.74	0.0250	5.00		94.7	70-130			
Ethylbenzene	4.67	0.0250	5.00		93.4	70-130			
Toluene	4.81	0.0250	5.00		96.1	70-130			
o-Xylene	4.75	0.0250	5.00		95.0	70-130			
p,m-Xylene	9.57	0.0500	10.0		95.7	70-130			
Total Xylenes	14.3	0.0250	15.0		95.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.04		8.00		100	70-130			

Matrix Spike (2604019-MS1)

Source: E601159-05

Prepared: 01/19/26 Analyzed: 01/21/26

Benzene	5.16	0.0250	5.00	ND	103	70-130			
Ethylbenzene	5.13	0.0250	5.00	ND	103	70-130			
Toluene	5.26	0.0250	5.00	ND	105	70-130			
o-Xylene	5.21	0.0250	5.00	ND	104	70-130			
p,m-Xylene	10.5	0.0500	10.0	ND	105	70-130			
Total Xylenes	15.7	0.0250	15.0	ND	105	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.03		8.00		100	70-130			

Matrix Spike Dup (2604019-MSD1)

Source: E601159-05

Prepared: 01/19/26 Analyzed: 01/21/26

Benzene	5.47	0.0250	5.00	ND	109	70-130	5.82	27	
Ethylbenzene	5.43	0.0250	5.00	ND	109	70-130	5.77	26	
Toluene	5.58	0.0250	5.00	ND	112	70-130	5.97	20	
o-Xylene	5.52	0.0250	5.00	ND	110	70-130	5.72	25	
p,m-Xylene	11.1	0.0500	10.0	ND	111	70-130	5.64	23	
Total Xylenes	16.6	0.0250	15.0	ND	111	70-130	5.67	26	
Surrogate: 4-Bromochlorobenzene-PID	8.17		8.00		102	70-130			



QC Summary Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 1/29/2026 12:19:11PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: MB

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 (2604019-BLK1)

Prepared: 01/19/26 Analyzed: 01/21/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.86		8.00		98.3	70-130			

LCS (2604019-BS2)

Prepared: 01/19/26 Analyzed: 01/21/26

Gasoline Range Organics (C6-C10)	44.9	20.0	50.0		89.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.89		8.00		98.7	70-130			

Matrix Spike (2604019-MS2)

Source: E601159-05

Prepared: 01/19/26 Analyzed: 01/21/26

Gasoline Range Organics (C6-C10)	45.8	20.0	50.0	ND	91.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.88		8.00		98.5	70-130			

Matrix Spike Dup (2604019-MSD2)

Source: E601159-05

Prepared: 01/19/26 Analyzed: 01/21/26

Gasoline Range Organics (C6-C10)	49.1	20.0	50.0	ND	98.1	70-130	6.97	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.11		8.00		101	70-130			



QC Summary Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 1/29/2026 12:19:11PM
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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 (2604066-BLK1)

Prepared: 01/20/26 Analyzed: 01/21/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.8		50.0		99.5	61-141			

LCS (2604066-BS1)

Prepared: 01/20/26 Analyzed: 01/21/26

Diesel Range Organics (C10-C28)	271	25.0	250		108	66-144			
Surrogate: n-Nonane	50.2		50.0		100	61-141			

Matrix Spike (2604066-MS1)

Source: E601159-09

Prepared: 01/20/26 Analyzed: 01/21/26

Diesel Range Organics (C10-C28)	275	25.0	250	ND	110	56-156			
Surrogate: n-Nonane	50.8		50.0		102	61-141			

Matrix Spike Dup (2604066-MSD1)

Source: E601159-09

Prepared: 01/20/26 Analyzed: 01/21/26

Diesel Range Organics (C10-C28)	309	25.0	250	ND	123	56-156	11.5	20	
Surrogate: n-Nonane	56.6		50.0		113	61-141			



QC Summary Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 1/29/2026 12:19:11PM
---	---	--

Anions by EPA 300.0/9056A

Analyst: TP

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

Blank (2604025-BLK1)

Prepared: 01/19/26 Analyzed: 01/19/26

Chloride ND 20.0

LCS (2604025-BS1)

Prepared: 01/19/26 Analyzed: 01/19/26

Chloride 262 20.0 250 105 90-110

Matrix Spike (2604025-MS1)

Source: E601159-06

Prepared: 01/19/26 Analyzed: 01/19/26

Chloride 465 200 250 214 100 80-120

Matrix Spike Dup (2604025-MSD1)

Source: E601159-06

Prepared: 01/19/26 Analyzed: 01/19/26

Chloride 470 200 250 214 102 80-120 1.14 20

QC Summary Report Comment:

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



Definitions and Notes

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 01/29/26 12:19
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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

Released to Imaging: 5/11/2026 10:47:05 AM

Received by OCD: 4/22/2026 1:44:27 PM

Client Information				Invoice Information				Lab Use Only				TAT				State					
Client: Earth Systems R & R				Company: Earth Systems R & R				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX		
Project Name: Buffalo Valley 8" 7626				Address: 1910 Resource Ct				E601159		24064-0001					X	X					
Project Manager: Gilbert Moreno				City, State, Zip: Carlsbad, NM 88220																	
Address: 1910 Resource Ct				Phone: 832-541-7719																	
City, State, Zip: Carlsbad NM, 88220				Email: gmoreno@earthsys.net																	
Phone: 832-541-7719				Work for: Kinetik Midstream																	
Email: gmoreno@earthsys.net, sgron@earthsys.net																					
Sample Information										Analysis and Method						EPA Program					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	Depth (ft)	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Cation/Anion Pkg	Flush 24 hr TAT	Grab (G) / Composite @	SDWA	CWA	RCRA	
																		Compliance	Y	or	N
																		PWSID #			
																		Remarks			
8:30	1/16/2025	S	1	HA - 1		1		2				X					G	4.0	Incident #:		
8:35	1/16/2025	S	1	HA - 1		2		4				X					G	3.6	nAPP2529335946		
8:40	1/16/2025	S	1	HA - 2		3		2				X					G	4.2			
8:45	1/16/2025	S	1	HA - 2		4		4				X					G	4.1			
8:50	1/16/2025	S	1	HA - 6		5		2				X					G	4.1			
8:55	1/16/2025	S	1	HA - 6		6		4				X					G	3.8			
9:00	1/16/2025	S	1	HA - 10		7		0.5				X					G	3.4			
9:05	1/16/2025	S	1	HA - 10		8		2				X					G	4.0			
9:10	1/16/2025	S	1	HA - 10		9		4				X					G	3.2			
9:15	1/16/2025	S	1	HA - 11		10		0.5				X					G	3.0			
Additional Instructions:																					
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																					
Sampled by: SG																					
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 in ice at an avg temp above 0 but less than 6 °C on subsequent days. Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C _____									
Michelle Gonzales		1/16/26		1:35		Michelle Gonzales		1-16-26		1335											
Michelle Gonzales		1-16-26		1345		Nathan Gonzales		1-16-26		1345											
Nathan Gonzales		1-16-26		1815		Sylvia		1-16-26		1815											
Sylvia		1-16-26		2200		Noe Soto		1-19-26		0545											
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

Received by OCD: 4/22/2026 1:44:27 PM

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Client Information				Invoice Information				Lab Use Only				TAT				State							
Client: Earth Systems R & R				Company: Earth Systems R & R				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX				
Project Name: Buffalo Valley 8" 7626				Address: 1910 Resource Ct				E601159		24064-0001					X	X							
Project Manager: Gilbert Moreno				City, State, Zip: Carlsbad, NM 88220																			
Address: 1910 Resource Ct				Phone: 832-541-7719																			
City, State, Zip: Carlsbad NM, 88220				Email: gmoreno@earthsys.net																			
Phone: 832-541-7719				Work for: Kinetik Midstream																			
Email: gmoreno@earthsys.net, sgron@earthsys.net																							
Sample Information												Analysis and Method								EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	Depth (ft)	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Cation/Anion Pkg	Rush 24 HR TAT	Grab (G) / Composite ©	SDWA	CWA	RCRA			
9:20	1/16/2025	S	1	HA - 11		11		2				X					G						
9:25	1/16/2025	S	1	HA - 11		12		4				X					G						
9:30	1/16/2025	S	1	HA - 12		13		0.5				X					G						
9:35	1/16/2025	S	1	HA - 12		14		2				X					G						
9:40	1/16/2025	S	1	HA - 12		15		4				X					G						
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: SG																							
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 in ice at an avg temp above 0 but less than 6 °C on subsequent days. Received on ice: <input checked="" type="radio"/> Lab Use Only <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C _____											
Michelle Gonzales		1/16/26		1:35		Michelle Gonzales		1-16-26		1335													
Michelle Gonzales		1-16-26		1345		Nathan Gonzalez		1-16-26		1345													
Nathan Gonzalez		1-16-26		1815		[Signature]		1-16-26		1815													
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time													
[Signature]		1-16-26		2200		Nate Soto		1-19-26		0545													
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.																							

Released to Imaging: 5/11/2026 10:47:05 AM

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Envirotech Analytical Laboratory

Printed: 1/23/2026 11:52:47AM

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: Earth Systems	Date Received: 01/19/26 05:45	Work Order ID: E601159
Phone: 832-541-7719	Date Logged In: 01/19/26 08:01	Logged In By: Noe Soto
Email: gmoreno@earthsys.net	Due Date: 01/23/26 17:00 (4 day TAT)	

Chain of Custody (COC)

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

Carrier: Courier

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Comments/Resolution

Sampled dates have incorrect year on COC.
L-NS
R-CM

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

Date



envirotech Inc.

Chain of Custody

Client Information				Invoice Information				Lab Use Only				TAT				State												
Client: Earth Systems R & R				Company: Earth Systems R & R				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX									
Project Name: Buffalo Valley 8" 7626				Address: 1910 Resource Ct				EG01159		24064-0001					X	X												
Project Manager: Gilbert Moreno				City, State, Zip: Carlsbad, NM 88220																								
Address: 1910 Resource Ct				Phone: 832-541-7719																								
City, State, Zip: Carlsbad NM, 88220				Email: gmoreno@earthsys.net																								
Phone: 832-541-7719				Work for: Kinetik Midstream																								
Email: gmoreno@earthsys.net, sgron@earthsys.net																												
Sample Information																EPA Program												
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field	Filter	Lab Number	DRO/CRO by 8015	Depth (ft)	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCC 1005 - TX	RCRA 8 Metals	Cation/Anion Pkg	Perh-24 HR TAT	Grab (G) / Composite (C)	SDWA	CWA	RCRA	Compliance	Y	or	N	PWSID #	Remarks	
8:30	1/16/2025	S	1	HA - 1			1		2				X					G	4.0								Incident #:	
8:35	1/16/2025	S	1	HA - 1			2		4				X					G	3.6								APP2529335946	
8:40	1/16/2025	S	1	HA - 2			3		2				X					G	4.2									
8:45	1/16/2025	S	1	HA - 2			4		4				X					G	4.1									
8:50	1/16/2025	S	1	HA - 6			5		2				X					G	4.1									
8:55	1/16/2025	S	1	HA - 6			6		4				X					G	3.8									
9:00	1/16/2025	S	1	HA - 10			7		0.5				X					G	3.4									
9:05	1/16/2025	S	1	HA - 10			8		2				X					G	4.0									
9:10	1/16/2025	S	1	HA - 10			9		4				X					G	3.2									
9:15	1/16/2025	S	1	HA - 11			10		0.5				X					G	3.0									
Additional Instructions:																Client asked to cancel sample #7 1/23/26 OM												
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: SG																												
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 in ice at an avg temp above 0 but less than 6 °C on subsequent days.																				
Michelle Gonzales		1/16/26	1:35	Michelle Gonzales		1-16-26	1335																					
Michelle Gonzales		1-16-26	1345	Nathan Gonzales		1-16-26	1345																					
Nathan Gonzales		1-16-26	1815	Sylvia		1-16-26	1815																					
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only																				
Sylvia		1-16-26	2200	Noe Soto		1-19-26	0545	Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N																				
								T1 _____ T2 _____ T3 _____																				
								AVG Temp °C _____																				
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: Earth Systems R & R				Company: Earth Systems R & R				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX		
Project Name: Buffalo Valley 8" 7626				Address: 1910 Resource Ct				E601159		24064-0001					X	X					
Project Manager: Gilbert Moreno				City, State, Zip: Carlsbad, NM 88220																	
Address: 1910 Resource Ct				Phone: 832-541-7719																	
City, State, Zip: Carlsbad NM, 88220				Email: gmoreno@earthsys.net																	
Phone: 832-541-7719				Work for: Kinetik Midstream																	
Email: gmoreno@earthsys.net, sgron@earthsys.net																					
Sample Information													Analysis and Method				EPA Program				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	Depth (ft)	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TECA 1005 - TX	RCRA 8 Metals	Cation/Anion Pig	Blank-24 HR TAT	Grab (G) / Composite (C)	SDWA	CWA	RCRA	
																		Compliance	Y	or	N
PWSID #																		Remarks			
9:20	1/16/2025	S	1	HA - 11		11		2				X					G	3.8			Incident #:
9:25	1/16/2025	S	1	HA - 11		12		4				X					G	3.8			APP2529335946
9:30	1/16/2025	S	1	HA - 12		13		0.5				X					G	3.6			
9:35	1/16/2025	S	1	HA - 12		14		2				X					G	3.2			
9:40	1/16/2025	S	1	HA - 12		15		4				X					G	3.4			
Additional Instructions: Client asked to cancel sample #7 1/23/26 cm																					
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Sampled by: SG																					
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 in ice at an avg temp above 0 but less than 6 °C on subsequent days									
<i>[Signature]</i>		1/16/26		1:35		<i>Michelle Gonzales</i>		1-16-26		1335		Received on ice: <input checked="" type="checkbox"/> Lab Use Only									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		T1 _____ T2 _____ T3 _____									
<i>Michelle Gonzales</i>		1-16-26		1345		<i>Nathan Gonzalez</i>		1-16-26		1345		AVG Temp °C _____									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA									
<i>Nathan Gonzalez</i>		1-16-26		1815		<i>[Signature]</i>		1-16-26		1815		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.									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time											
<i>[Signature]</i>		1-16-26		2200		<i>Nee Soto</i>		1-19-26		0545											



Chain of Custody

Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Earth Systems R & R				Company: Earth Systems R & R				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
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8:30	1/16/2025	S	1	HA - 1			1		2				X					G	4.0 Incident #:
8:35	1/16/2025	S	1	HA - 1			2		4				X					G	3.6 nAPP2529335946
8:40	1/16/2025	S	1	HA - 2			3		2				X					G	4.2
8:45	1/16/2025	S	1	HA - 2			4		4				X					G	4.1
8:50	1/16/2025	S	1	HA - 6			5		2				X					G	4.1
8:55	1/16/2025	S	1	HA - 6			6		4				X					G	3.8
9:00	1/16/2025	S	1	HA - 10 NS 13			7		0.5				X					G	3.4
9:05	1/16/2025	S	1	HA - 10 NS 13			8		2				X					G	4.0
9:10	1/16/2025	S	1	HA - 10 NS 13			9		4				X					G	3.2
9:15	1/16/2025	S	1	HA - 11			10		0.5				X					G	3.0
Additional Instructions: <i>changed sample names per client. NS 112A-26 3 Added # 7.</i>																			
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: <u>SG</u>																			
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 in ice at an avg temp above 0 but less than 6 °C on subsequent days.											
<i>[Signature]</i>		1/16/26	1:35	<i>Michelle Gonzales</i>		1-16-26	1335												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
<i>Michelle Gonzales</i>		1-16-26	1345	<i>Nathan Gonzalez</i>		1-16-26	1345												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C _____											
<i>Nathan Gonzalez</i>		1-16-26	1815	<i>[Signature]</i>		1-16-26	1815												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Container type: g - glass, p - poly/plastic, ag - amber glass, v - VOA											
<i>[Signature]</i>		1-16-26	2200	<i>Noe Soto</i>		1-19-26	0545												
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

Released to Imaging: 5/1/2026 10:47:05 AM

Received by OCD: 4/22/2026 1:44:27 PM

Client Information				Invoice Information				Lab Use Only				TAT				State											
Client: Earth Systems R & R				Company: Earth Systems R & R				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX								
Project Name: Buffalo Valley 8 th 7626				Address: 1910 Resource Ct				E601159		24064-0001					X	X											
Project Manager: Gilbert Moreno				City, State, Zip: Carlsbad, NM 88220																							
Address: 1910 Resource Ct				Phone: 832-541-7719																							
City, State, Zip: Carlsbad NM, 88220				Email: gmoreno@earthsys.net																							
Phone: 832-541-7719				Work for: Kinetik Midstream																							
Email: gmoreno@earthsys.net, sgron@earthsys.net																											
Sample Information										Analysis and Method						EPA Program											
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	Depth (ft)	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCOC 1005 - TX	RCRA 8 Metals	Cation/Anion Pkg	8039-24 HR TAT	Grab (G) / Composite (C)	SDWA	CWA	RCRA	Compliance	Y	or	N	PWSID #	Remarks	
9:20	1/16/2025	S	1	HA - 11		11		2				X					G									3.8 Incident #:	
9:25	1/16/2025	S	1	HA - 11		12		4				X					G									3.8 APP2529335946	
9:30	1/16/2025	S	1	HA - 12		13		0.5				X					G									3.6	
9:35	1/16/2025	S	1	HA - 12		14		2				X					G									3.2	
9:40	1/16/2025	S	1	HA - 12		15		4				X					G									3.4	
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: SG																											
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 in ice at an avg. temp above 0 but less than 6 °C on subsequent days.															
<i>[Signature]</i>		1/16/26		1:35		<i>Michelle Gonzales</i>		1-16-26		1335		Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N															
<i>Michelle Gonzales</i>		1-16-26		1345		<i>Nathan Gonzales</i>		1-16-26		1345		T1 _____ T2 _____ T3 _____															
<i>Nathan Gonzales</i>		1-16-26		1815		<i>[Signature]</i>		1-16-26		1815		AVG Temp °C _____															
<i>[Signature]</i>		1-16-26		2200		<i>[Signature]</i>		1-19-26		0545		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.																											



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Report to:
Gilbert Moreno



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Earth Systems

Project Name: Buffalo Valley 8" 7626

Work Order: E602257

Job Number: 24064-0001

Received: 2/23/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/27/26

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 2/27/26



Gilbert Moreno
1910 Resource Ct
Carlsbad, NM 88220

Project Name: Buffalo Valley 8" 7626
Workorder: E602257
Date Received: 2/23/2026 7:30:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/23/2026 7:30:00AM, under the Project Name: Buffalo Valley 8" 7626.

The analytical test results summarized in this report with the Project Name: Buffalo Valley 8" 7626 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

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 02/27/26 16:55
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-1 0.25	E602257-01A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-2 0.25	E602257-02A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-3 0.25	E602257-03A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-4 0.25	E602257-04A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-5 0.25	E602257-05A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-6 0.25	E602257-06A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-7 0.25	E602257-07A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-8 0.25	E602257-08A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-9 0.25	E602257-09A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-10 0.25	E602257-10A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-11 0.25	E602257-11A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-12 0.25	E602257-12A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-13 0.25	E602257-13A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-14 0.25	E602257-14A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-15 0.25	E602257-15A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-16 0.25	E602257-16A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-17 0.25	E602257-17A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-18 0.25	E602257-18A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-19 0.25	E602257-19A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-20 0.25	E602257-20A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-21 0.25	E602257-21A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-22 0.25	E602257-22A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-23 0.25	E602257-23A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-24 0.25	E602257-24A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-25 0.25	E602257-25A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-26 0.25	E602257-26A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-27 0.25	E602257-27A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-28 0.25	E602257-28A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-29 0.25	E602257-29A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-30 0.25	E602257-30A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-31 0.25	E602257-31A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-32 0.25	E602257-32A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-33 0.25	E602257-33A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-34 0.25	E602257-34A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-35 0.25	E602257-35A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-36 0.25	E602257-36A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-37 0.25	E602257-37A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-38 0.25	E602257-38A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-39 0.25	E602257-39A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-40 0.25	E602257-40A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.

Sample Summary

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 02/27/26 16:55
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-41 0.25	E602257-41A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-42 0.25	E602257-42A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-43 0.25	E602257-43A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-44 0.25	E602257-44A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-45 0.25	E602257-45A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-46 0.25	E602257-46A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-47 0.25	E602257-47A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-48 0.25	E602257-48A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-49 0.25	E602257-49A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-50 0.25	E602257-50A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-51 0.25	E602257-51A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-52 0.25	E602257-52A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-53 0.25	E602257-53A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-54 0.25	E602257-54A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-55 0.25	E602257-55A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-56 0.25	E602257-56A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-57 0.25	E602257-57A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-58 0.25	E602257-58A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-59 0.25	E602257-59A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-60 0.25	E602257-60A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-61 0.25	E602257-61A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-62 0.25	E602257-62A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-63 0.25	E602257-63A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-64 0.25	E602257-64A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-65 0.25	E602257-65A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-66 0.25	E602257-66A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-67 0.25	E602257-67A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-68 0.25	E602257-68A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-69 0.25	E602257-69A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-70 0.25	E602257-70A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-71 0.25	E602257-71A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-72 0.25	E602257-72A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-73 0.25	E602257-73A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-74 0.25	E602257-74A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-75 0.25	E602257-75A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-76 0.25	E602257-76A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-77 0.25	E602257-77A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-78 0.25	E602257-78A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-79 0.25	E602257-79A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-80 0.25	E602257-80A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-1 0.25
E602257-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2609024
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		92.6 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2609024
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		120 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2609038
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>						
		96.2 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2609054
Chloride	ND	100	5	02/24/26	02/24/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-2 0.25

E602257-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609024
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.4 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609024
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		123 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2609038
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>		99.1 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2609054
Chloride	ND	200	10	02/24/26	02/24/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-3 0.25

E602257-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609024
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.2 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609024
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		120 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2609038
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>		100 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2609054
Chloride	ND	200	10	02/24/26	02/24/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-4 0.25

E602257-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609024
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.4 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609024
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		117 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2609038
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>		97.4 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2609054
Chloride	ND	200	10	02/24/26	02/24/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-5 0.25

E602257-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609024
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.9 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609024
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		118 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2609038
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>		97.5 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2609054
Chloride	ND	40.0	2	02/24/26	02/24/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-6 0.25

E602257-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609024
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.1 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609024
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		117 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2609038
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>		97.7 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2609054
Chloride	ND	40.0	2	02/24/26	02/24/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-7 0.25

E602257-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609024
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.0 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609024
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		117 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2609038
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>		97.1 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2609054
Chloride	ND	100	5	02/24/26	02/24/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-8 0.25

E602257-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609024
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.0 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609024
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		117 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2609038
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/26/26	
<i>Surrogate: n-Nonane</i>		99.2 %	61-141	02/24/26	02/26/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2609054
Chloride	ND	100	5	02/24/26	02/24/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-9 0.25

E602257-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609024
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.8 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609024
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		118 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2609038
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/26/26	
<i>Surrogate: n-Nonane</i>		99.7 %	61-141	02/24/26	02/26/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2609054
Chloride	ND	100	5	02/24/26	02/24/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-10 0.25

E602257-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609024
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609024
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		117 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2609038
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/26/26	
<i>Surrogate: n-Nonane</i>		100 %	61-141	02/24/26	02/26/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2609054
Chloride	ND	100	5	02/24/26	02/24/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-11 0.25

E602257-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609024
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.0 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609024
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		117 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2609038
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/26/26	
<i>Surrogate: n-Nonane</i>		100 %	61-141	02/24/26	02/26/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2609054
Chloride	ND	100	5	02/24/26	02/24/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-12 0.25

E602257-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609024
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.1 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609024
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		120 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2609038
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/26/26	
<i>Surrogate: n-Nonane</i>		102 %	61-141	02/24/26	02/26/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2609054
Chloride	ND	200	10	02/24/26	02/25/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-13 0.25

E602257-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609024
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.7 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609024
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		118 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2609038
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/26/26	
<i>Surrogate: n-Nonane</i>		102 %	61-141	02/24/26	02/26/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2609054
Chloride	ND	200	10	02/24/26	02/25/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-14 0.25

E602257-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609024
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.1 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609024
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		116 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2609038
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/26/26	
<i>Surrogate: n-Nonane</i>		98.0 %	61-141	02/24/26	02/26/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2609054
Chloride	ND	200	10	02/24/26	02/25/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-15 0.25

E602257-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609024
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.7 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609024
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		116 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2609038
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/26/26	
<i>Surrogate: n-Nonane</i>		102 %	61-141	02/24/26	02/26/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2609054
Chloride	ND	40.0	2	02/24/26	02/25/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-16 0.25

E602257-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2609024
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		96.1 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2609024
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		116 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2609038
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/26/26	
<i>Surrogate: n-Nonane</i>						
		101 %	61-141	02/24/26	02/26/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2609054
Chloride	ND	100	5	02/24/26	02/25/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-17 0.25

E602257-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609024
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.0 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609024
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		118 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2609038
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/26/26	
<i>Surrogate: n-Nonane</i>		107 %	61-141	02/24/26	02/26/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2609054
Chloride	ND	40.0	2	02/24/26	02/25/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-18 0.25

E602257-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609024
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.2 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609024
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		117 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2609038
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/26/26	
<i>Surrogate: n-Nonane</i>		97.4 %	61-141	02/24/26	02/26/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2609054
Chloride	ND	40.0	2	02/24/26	02/25/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-19 0.25

E602257-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609024
Benzene	ND	0.0250	1	02/23/26	02/25/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/25/26	
Toluene	ND	0.0250	1	02/23/26	02/25/26	
o-Xylene	ND	0.0250	1	02/23/26	02/25/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/25/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/25/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.9 %	70-130	02/23/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609024
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/25/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		117 %	70-130	02/23/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2609038
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/26/26	
<i>Surrogate: n-Nonane</i>		101 %	61-141	02/24/26	02/26/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2609054
Chloride	ND	20.0	1	02/24/26	02/25/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-20 0.25

E602257-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609024
Benzene	ND	0.0250	1	02/23/26	02/25/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/25/26	
Toluene	ND	0.0250	1	02/23/26	02/25/26	
o-Xylene	ND	0.0250	1	02/23/26	02/25/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/25/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/25/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.5 %	70-130	02/23/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609024
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/25/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		116 %	70-130	02/23/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2609038
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/26/26	
<i>Surrogate: n-Nonane</i>		100 %	61-141	02/24/26	02/26/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2609054
Chloride	ND	20.0	1	02/24/26	02/25/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-21 0.25

E602257-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609025
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	0.0291	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	0.0291	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.5 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609025
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.7 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2609040
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>		108 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2609055
Chloride	ND	100	5	02/24/26	02/26/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-22 0.25

E602257-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609025
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.0 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609025
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.0 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2609040
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>		112 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2609055
Chloride	ND	100	5	02/24/26	02/26/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-23 0.25

E602257-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609025
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.1 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609025
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.8 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2609040
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>		112 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2609055
Chloride	ND	100	5	02/24/26	02/26/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-24 0.25

E602257-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609025
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.7 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609025
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.7 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2609040
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>		112 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2609055
Chloride	ND	100	5	02/24/26	02/26/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-25 0.25

E602257-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609025
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.1 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609025
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		98.4 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2609040
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>		113 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2609055
Chloride	ND	100	5	02/24/26	02/26/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-26 0.25

E602257-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609025
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.3 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609025
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		98.0 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2609040
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>		111 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2609055
Chloride	ND	100	5	02/24/26	02/26/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-27 0.25

E602257-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609025
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.3 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609025
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.9 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2609040
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>		123 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2609055
Chloride	ND	40.0	2	02/24/26	02/26/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-28 0.25

E602257-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609025
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		89.9 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609025
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.9 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2609040
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/26/26	
<i>Surrogate: n-Nonane</i>		112 %	61-141	02/24/26	02/26/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2609055
Chloride	ND	40.0	2	02/24/26	02/26/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-29 0.25

E602257-29

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609025
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.8 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609025
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		98.0 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2609040
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/26/26	
<i>Surrogate: n-Nonane</i>		110 %	61-141	02/24/26	02/26/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2609055
Chloride	ND	40.0	2	02/24/26	02/26/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-30 0.25

E602257-30

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609025
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		90.9 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609025
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.9 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2609040
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/26/26	
<i>Surrogate: n-Nonane</i>		113 %	61-141	02/24/26	02/26/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2609055
Chloride	ND	40.0	2	02/24/26	02/26/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-31 0.25

E602257-31

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609025
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.6 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609025
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		98.5 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2609040
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/26/26	
<i>Surrogate: n-Nonane</i>		109 %	61-141	02/24/26	02/26/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2609055
Chloride	ND	100	5	02/24/26	02/26/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-32 0.25

E602257-32

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609025
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.9 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609025
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.3 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2609040
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/26/26	
<i>Surrogate: n-Nonane</i>		112 %	61-141	02/24/26	02/26/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2609055
Chloride	ND	100	5	02/24/26	02/26/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-33 0.25

E602257-33

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609025
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		90.8 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609025
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		98.4 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2609040
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/26/26	
<i>Surrogate: n-Nonane</i>		113 %	61-141	02/24/26	02/26/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2609055
Chloride	ND	100	5	02/24/26	02/26/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-34 0.25

E602257-34

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609025
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.2 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609025
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		98.8 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2609040
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/26/26	
<i>Surrogate: n-Nonane</i>		112 %	61-141	02/24/26	02/26/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2609055
Chloride	ND	100	5	02/24/26	02/26/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-35 0.25

E602257-35

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609025
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.7 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609025
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		98.5 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2609040
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/26/26	
<i>Surrogate: n-Nonane</i>		113 %	61-141	02/24/26	02/26/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2609055
Chloride	ND	100	5	02/24/26	02/26/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-36 0.25

E602257-36

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609025
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.5 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609025
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.8 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2609040
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/26/26	
<i>Surrogate: n-Nonane</i>		114 %	61-141	02/24/26	02/26/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2609055
Chloride	ND	100	5	02/24/26	02/26/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-37 0.25

E602257-37

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609025
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.6 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609025
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.0 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2609040
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/26/26	
<i>Surrogate: n-Nonane</i>		111 %	61-141	02/24/26	02/26/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2609055
Chloride	ND	100	5	02/24/26	02/26/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-38 0.25

E602257-38

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609025
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.6 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609025
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		100 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2609040
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/26/26	
<i>Surrogate: n-Nonane</i>		112 %	61-141	02/24/26	02/26/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2609055
Chloride	ND	100	5	02/24/26	02/26/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-39 0.25

E602257-39

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609025
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.6 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609025
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		98.3 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2609040
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/26/26	
<i>Surrogate: n-Nonane</i>		113 %	61-141	02/24/26	02/26/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2609055
Chloride	73.6	20.0	1	02/24/26	02/26/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-40 0.25

E602257-40

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609025
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.3 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609025
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.7 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2609040
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/26/26	
<i>Surrogate: n-Nonane</i>		111 %	61-141	02/24/26	02/26/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2609055
Chloride	78.7	20.0	1	02/24/26	02/26/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-41 0.25

E602257-41

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2609026
Benzene	ND	0.0250	1	02/23/26	02/25/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/25/26	
Toluene	ND	0.0250	1	02/23/26	02/25/26	
o-Xylene	ND	0.0250	1	02/23/26	02/25/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/25/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/25/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		111 %	70-130	02/23/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2609026
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/25/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		101 %	70-130	02/23/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2609046
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>		104 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609056
Chloride	ND	100	5	02/24/26	02/26/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-42 0.25

E602257-42

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2609026
Benzene	ND	0.0250	1	02/23/26	02/25/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/25/26	
Toluene	ND	0.0250	1	02/23/26	02/25/26	
o-Xylene	ND	0.0250	1	02/23/26	02/25/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/25/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/25/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		110 %	70-130	02/23/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2609026
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/25/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		99.4 %	70-130	02/23/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2609046
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>		107 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609056
Chloride	ND	100	5	02/24/26	02/26/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-43 0.25

E602257-43

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2609026
Benzene	ND	0.0250	1	02/23/26	02/25/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/25/26	
Toluene	ND	0.0250	1	02/23/26	02/25/26	
o-Xylene	ND	0.0250	1	02/23/26	02/25/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/25/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/25/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		110 %	70-130	02/23/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2609026
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/25/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		99.7 %	70-130	02/23/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2609046
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>		106 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609056
Chloride	ND	100	5	02/24/26	02/26/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-44 0.25

E602257-44

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2609026
Benzene	ND	0.0250	1	02/23/26	02/25/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/25/26	
Toluene	ND	0.0250	1	02/23/26	02/25/26	
o-Xylene	ND	0.0250	1	02/23/26	02/25/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/25/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/25/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		109 %	70-130	02/23/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2609026
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/25/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		101 %	70-130	02/23/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2609046
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>		106 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609056
Chloride	ND	100	5	02/24/26	02/26/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-45 0.25

E602257-45

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2609026
Benzene	ND	0.0250	1	02/23/26	02/25/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/25/26	
Toluene	ND	0.0250	1	02/23/26	02/25/26	
o-Xylene	ND	0.0250	1	02/23/26	02/25/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/25/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/25/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		110 %	70-130	02/23/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2609026
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/25/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		98.8 %	70-130	02/23/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2609046
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>		105 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609056
Chloride	ND	100	5	02/24/26	02/26/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-46 0.25

E602257-46

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2609026
Benzene	ND	0.0250	1	02/23/26	02/25/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/25/26	
Toluene	ND	0.0250	1	02/23/26	02/25/26	
o-Xylene	ND	0.0250	1	02/23/26	02/25/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/25/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/25/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		109 %	70-130	02/23/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2609026
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/25/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		98.8 %	70-130	02/23/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2609046
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	55.8	50.0	1	02/24/26	02/25/26	T17
<i>Surrogate: n-Nonane</i>		103 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609056
Chloride	ND	100	5	02/24/26	02/26/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-47 0.25

E602257-47

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2609026
Benzene	ND	0.0250	1	02/23/26	02/24/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/24/26	
Toluene	ND	0.0250	1	02/23/26	02/24/26	
o-Xylene	ND	0.0250	1	02/23/26	02/24/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/24/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		109 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2609026
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		98.7 %	70-130	02/23/26	02/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2609046
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>		103 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609056
Chloride	66.3	40.0	2	02/24/26	02/26/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-48 0.25

E602257-48

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2609026
Benzene	ND	0.0250	1	02/23/26	02/25/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/25/26	
Toluene	ND	0.0250	1	02/23/26	02/25/26	
o-Xylene	ND	0.0250	1	02/23/26	02/25/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/25/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/25/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		107 %	70-130	02/23/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2609026
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/25/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		99.8 %	70-130	02/23/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2609046
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>		102 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609056
Chloride	60.8	40.0	2	02/24/26	02/26/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-49 0.25

E602257-49

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2609026
Benzene	ND	0.0250	1	02/23/26	02/25/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/25/26	
Toluene	ND	0.0250	1	02/23/26	02/25/26	
o-Xylene	ND	0.0250	1	02/23/26	02/25/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/25/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/25/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		107 %	70-130	02/23/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2609026
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/25/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		101 %	70-130	02/23/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2609046
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>		104 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609056
Chloride	ND	20.0	1	02/24/26	02/26/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-50 0.25

E602257-50

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2609026
Benzene	ND	0.0250	1	02/23/26	02/25/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/25/26	
Toluene	ND	0.0250	1	02/23/26	02/25/26	
o-Xylene	ND	0.0250	1	02/23/26	02/25/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/25/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/25/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		105 %	70-130	02/23/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2609026
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/25/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		99.3 %	70-130	02/23/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2609046
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>		104 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609056
Chloride	ND	20.0	1	02/24/26	02/26/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-51 0.25

E602257-51

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2609026
Benzene	ND	0.0250	1	02/23/26	02/25/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/25/26	
Toluene	ND	0.0250	1	02/23/26	02/25/26	
o-Xylene	ND	0.0250	1	02/23/26	02/25/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/25/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/25/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %	70-130	02/23/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2609026
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/25/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		99.4 %	70-130	02/23/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2609046
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>		106 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609056
Chloride	ND	40.0	2	02/24/26	02/26/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-52 0.25

E602257-52

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2609026
Benzene	ND	0.0250	1	02/23/26	02/25/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/25/26	
Toluene	ND	0.0250	1	02/23/26	02/25/26	
o-Xylene	ND	0.0250	1	02/23/26	02/25/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/25/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/25/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %	70-130	02/23/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2609026
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/25/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		98.7 %	70-130	02/23/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2609046
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>		107 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609056
Chloride	ND	40.0	2	02/24/26	02/26/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-53 0.25

E602257-53

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2609026
Benzene	ND	0.0250	1	02/23/26	02/25/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/25/26	
Toluene	ND	0.0250	1	02/23/26	02/25/26	
o-Xylene	ND	0.0250	1	02/23/26	02/25/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/25/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/25/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %	70-130	02/23/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2609026
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/25/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		99.6 %	70-130	02/23/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2609046
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>		104 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609056
Chloride	ND	100	5	02/24/26	02/26/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-54 0.25

E602257-54

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2609026
Benzene	ND	0.0250	1	02/23/26	02/25/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/25/26	
Toluene	ND	0.0250	1	02/23/26	02/25/26	
o-Xylene	ND	0.0250	1	02/23/26	02/25/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/25/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/25/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		107 %	70-130	02/23/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2609026
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/25/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		99.8 %	70-130	02/23/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2609046
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>		104 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609056
Chloride	ND	100	5	02/24/26	02/26/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-55 0.25

E602257-55

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2609026
Benzene	ND	0.0250	1	02/23/26	02/25/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/25/26	
Toluene	ND	0.0250	1	02/23/26	02/25/26	
o-Xylene	ND	0.0250	1	02/23/26	02/25/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/25/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/25/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		107 %	70-130	02/23/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2609026
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/25/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		101 %	70-130	02/23/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2609046
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	57.2	50.0	1	02/24/26	02/25/26	T17
<i>Surrogate: n-Nonane</i>		103 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609056
Chloride	ND	100	5	02/24/26	02/26/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-56 0.25

E602257-56

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2609026
Benzene	ND	0.0250	1	02/23/26	02/25/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/25/26	
Toluene	ND	0.0250	1	02/23/26	02/25/26	
o-Xylene	ND	0.0250	1	02/23/26	02/25/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/25/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/25/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		107 %	70-130	02/23/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2609026
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/25/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		100 %	70-130	02/23/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2609046
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>		101 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609056
Chloride	135	20.0	1	02/24/26	02/26/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-57 0.25

E602257-57

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2609026
Benzene	ND	0.0250	1	02/23/26	02/25/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/25/26	
Toluene	ND	0.0250	1	02/23/26	02/25/26	
o-Xylene	ND	0.0250	1	02/23/26	02/25/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/25/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/25/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %	70-130	02/23/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2609026
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/25/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		99.3 %	70-130	02/23/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2609046
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>		108 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609056
Chloride	ND	100	5	02/24/26	02/26/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-58 0.25

E602257-58

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2609026
Benzene	ND	0.0250	1	02/23/26	02/25/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/25/26	
Toluene	ND	0.0250	1	02/23/26	02/25/26	
o-Xylene	ND	0.0250	1	02/23/26	02/25/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/25/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/25/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		105 %	70-130	02/23/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2609026
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/25/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		99.9 %	70-130	02/23/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2609046
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>		116 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609056
Chloride	ND	100	5	02/24/26	02/26/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-59 0.25

E602257-59

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2609026
Benzene	ND	0.0250	1	02/23/26	02/25/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/25/26	
Toluene	ND	0.0250	1	02/23/26	02/25/26	
o-Xylene	ND	0.0250	1	02/23/26	02/25/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/25/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/25/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		108 %	70-130	02/23/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2609026
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/25/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		101 %	70-130	02/23/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2609046
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>						
		106 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2609056
Chloride	25.3	20.0	1	02/24/26	02/26/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-60 0.25

E602257-60

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2609026
Benzene	ND	0.0250	1	02/23/26	02/25/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/25/26	
Toluene	ND	0.0250	1	02/23/26	02/25/26	
o-Xylene	ND	0.0250	1	02/23/26	02/25/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/25/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/25/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		108 %	70-130	02/23/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2609026
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/25/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		99.2 %	70-130	02/23/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2609046
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/26/26	
<i>Surrogate: n-Nonane</i>		104 %	61-141	02/24/26	02/26/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609056
Chloride	24.9	20.0	1	02/24/26	02/26/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-61 0.25

E602257-61

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609034
Benzene	ND	0.0250	1	02/24/26	02/25/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/25/26	
Toluene	ND	0.0250	1	02/24/26	02/25/26	
o-Xylene	ND	0.0250	1	02/24/26	02/25/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/25/26	
Total Xylenes	ND	0.0250	1	02/24/26	02/25/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.9 %	70-130	02/24/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609034
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/25/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		117 %	70-130	02/24/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2609047
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>		114 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609057
Chloride	ND	200	10	02/24/26	02/24/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-62 0.25

E602257-62

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2609034
Benzene	ND	0.0250	1	02/24/26	02/25/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/25/26	
Toluene	ND	0.0250	1	02/24/26	02/25/26	
o-Xylene	ND	0.0250	1	02/24/26	02/25/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/25/26	
Total Xylenes	ND	0.0250	1	02/24/26	02/25/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		94.6 %	70-130	02/24/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2609034
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/25/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		119 %	70-130	02/24/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2609047
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>						
		108 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2609057
Chloride	ND	200	10	02/24/26	02/24/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-63 0.25

E602257-63

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609034
Benzene	ND	0.0250	1	02/24/26	02/25/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/25/26	
Toluene	ND	0.0250	1	02/24/26	02/25/26	
o-Xylene	ND	0.0250	1	02/24/26	02/25/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/25/26	
Total Xylenes	ND	0.0250	1	02/24/26	02/25/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.3 %	70-130	02/24/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609034
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/25/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		119 %	70-130	02/24/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2609047
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>		111 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609057
Chloride	ND	200	10	02/24/26	02/24/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-64 0.25

E602257-64

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609034
Benzene	ND	0.0250	1	02/24/26	02/25/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/25/26	
Toluene	ND	0.0250	1	02/24/26	02/25/26	
o-Xylene	ND	0.0250	1	02/24/26	02/25/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/25/26	
Total Xylenes	ND	0.0250	1	02/24/26	02/25/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.4 %	70-130	02/24/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609034
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/25/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		118 %	70-130	02/24/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2609047
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>		111 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609057
Chloride	ND	100	5	02/24/26	02/24/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-65 0.25

E602257-65

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609034
Benzene	ND	0.0250	1	02/24/26	02/25/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/25/26	
Toluene	ND	0.0250	1	02/24/26	02/25/26	
o-Xylene	ND	0.0250	1	02/24/26	02/25/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/25/26	
Total Xylenes	ND	0.0250	1	02/24/26	02/25/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.7 %	70-130	02/24/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609034
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/25/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		121 %	70-130	02/24/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2609047
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>		109 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609057
Chloride	149	20.0	1	02/24/26	02/24/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-66 0.25

E602257-66

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609034
Benzene	ND	0.0250	1	02/24/26	02/25/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/25/26	
Toluene	ND	0.0250	1	02/24/26	02/25/26	
o-Xylene	ND	0.0250	1	02/24/26	02/25/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/25/26	
Total Xylenes	ND	0.0250	1	02/24/26	02/25/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.8 %	70-130	02/24/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609034
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/25/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		121 %	70-130	02/24/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2609047
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>		110 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609057
Chloride	149	20.0	1	02/24/26	02/24/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-67 0.25

E602257-67

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609034
Benzene	ND	0.0250	1	02/24/26	02/25/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/25/26	
Toluene	ND	0.0250	1	02/24/26	02/25/26	
o-Xylene	ND	0.0250	1	02/24/26	02/25/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/25/26	
Total Xylenes	ND	0.0250	1	02/24/26	02/25/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.3 %	70-130	02/24/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609034
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/25/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		119 %	70-130	02/24/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2609047
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>		111 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609057
Chloride	ND	100	5	02/24/26	02/24/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-68 0.25

E602257-68

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609034
Benzene	ND	0.0250	1	02/24/26	02/25/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/25/26	
Toluene	ND	0.0250	1	02/24/26	02/25/26	
o-Xylene	ND	0.0250	1	02/24/26	02/25/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/25/26	
Total Xylenes	ND	0.0250	1	02/24/26	02/25/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.6 %	70-130	02/24/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609034
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/25/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		120 %	70-130	02/24/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2609047
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>		104 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609057
Chloride	ND	200	10	02/24/26	02/24/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-69 0.25

E602257-69

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609034
Benzene	ND	0.0250	1	02/24/26	02/25/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/25/26	
Toluene	ND	0.0250	1	02/24/26	02/25/26	
o-Xylene	ND	0.0250	1	02/24/26	02/25/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/25/26	
Total Xylenes	ND	0.0250	1	02/24/26	02/25/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.1 %	70-130	02/24/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609034
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/25/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		118 %	70-130	02/24/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2609047
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>		105 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609057
Chloride	25.3	20.0	1	02/24/26	02/24/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-70 0.25

E602257-70

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609034
Benzene	ND	0.0250	1	02/24/26	02/25/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/25/26	
Toluene	ND	0.0250	1	02/24/26	02/25/26	
o-Xylene	ND	0.0250	1	02/24/26	02/25/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/25/26	
Total Xylenes	ND	0.0250	1	02/24/26	02/25/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		90.6 %	70-130	02/24/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609034
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/25/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		118 %	70-130	02/24/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2609047
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>		103 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609057
Chloride	23.8	20.0	1	02/24/26	02/24/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-71 0.25

E602257-71

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609034
Benzene	ND	0.0250	1	02/24/26	02/25/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/25/26	
Toluene	ND	0.0250	1	02/24/26	02/25/26	
o-Xylene	ND	0.0250	1	02/24/26	02/25/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/25/26	
Total Xylenes	ND	0.0250	1	02/24/26	02/25/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.8 %	70-130	02/24/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609034
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/25/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		119 %	70-130	02/24/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2609047
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>		99.9 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609057
Chloride	ND	100	5	02/24/26	02/24/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-72 0.25

E602257-72

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609034
Benzene	ND	0.0250	1	02/24/26	02/25/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/25/26	
Toluene	ND	0.0250	1	02/24/26	02/25/26	
o-Xylene	ND	0.0250	1	02/24/26	02/25/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/25/26	
Total Xylenes	ND	0.0250	1	02/24/26	02/25/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.7 %	70-130	02/24/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609034
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/25/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		118 %	70-130	02/24/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2609047
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>		106 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609057
Chloride	ND	200	10	02/24/26	02/24/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-73 0.25

E602257-73

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609034
Benzene	ND	0.0250	1	02/24/26	02/26/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/26/26	
Toluene	ND	0.0250	1	02/24/26	02/26/26	
o-Xylene	ND	0.0250	1	02/24/26	02/26/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/26/26	
Total Xylenes	ND	0.0250	1	02/24/26	02/26/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	02/24/26	02/26/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609034
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/26/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		108 %	70-130	02/24/26	02/26/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2609047
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>		107 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609057
Chloride	ND	200	10	02/24/26	02/24/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-74 0.25

E602257-74

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609034
Benzene	ND	0.0250	1	02/24/26	02/25/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/25/26	
Toluene	ND	0.0250	1	02/24/26	02/25/26	
o-Xylene	ND	0.0250	1	02/24/26	02/25/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/25/26	
Total Xylenes	ND	0.0250	1	02/24/26	02/25/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.9 %	70-130	02/24/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609034
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/25/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		119 %	70-130	02/24/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2609047
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>		106 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609057
Chloride	ND	200	10	02/24/26	02/24/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-75 0.25

E602257-75

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609034
Benzene	ND	0.0250	1	02/24/26	02/25/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/25/26	
Toluene	ND	0.0250	1	02/24/26	02/25/26	
o-Xylene	ND	0.0250	1	02/24/26	02/25/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/25/26	
Total Xylenes	ND	0.0250	1	02/24/26	02/25/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.4 %	70-130	02/24/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609034
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/25/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		118 %	70-130	02/24/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2609047
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>		104 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609057
Chloride	ND	20.0	1	02/24/26	02/24/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-76 0.25

E602257-76

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609034
Benzene	ND	0.0250	1	02/24/26	02/25/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/25/26	
Toluene	ND	0.0250	1	02/24/26	02/25/26	
o-Xylene	ND	0.0250	1	02/24/26	02/25/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/25/26	
Total Xylenes	ND	0.0250	1	02/24/26	02/25/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	02/24/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609034
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/25/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		115 %	70-130	02/24/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2609047
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>		109 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609057
Chloride	ND	20.0	1	02/24/26	02/25/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-77 0.25

E602257-77

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609034
Benzene	ND	0.0250	1	02/24/26	02/25/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/25/26	
Toluene	ND	0.0250	1	02/24/26	02/25/26	
o-Xylene	ND	0.0250	1	02/24/26	02/25/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/25/26	
Total Xylenes	ND	0.0250	1	02/24/26	02/25/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	02/24/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609034
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/25/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		111 %	70-130	02/24/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2609047
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>		109 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609057
Chloride	ND	20.0	1	02/24/26	02/25/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-78 0.25

E602257-78

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609034
Benzene	ND	0.0250	1	02/24/26	02/25/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/25/26	
Toluene	ND	0.0250	1	02/24/26	02/25/26	
o-Xylene	ND	0.0250	1	02/24/26	02/25/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/25/26	
Total Xylenes	ND	0.0250	1	02/24/26	02/25/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	02/24/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609034
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/25/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		114 %	70-130	02/24/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2609047
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/26/26	
<i>Surrogate: n-Nonane</i>		109 %	61-141	02/24/26	02/26/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609057
Chloride	ND	100	5	02/24/26	02/25/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-79 0.25

E602257-79

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609034
Benzene	ND	0.0250	1	02/24/26	02/25/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/25/26	
Toluene	ND	0.0250	1	02/24/26	02/25/26	
o-Xylene	ND	0.0250	1	02/24/26	02/25/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/25/26	
Total Xylenes	ND	0.0250	1	02/24/26	02/25/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.0 %	70-130	02/24/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609034
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/25/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		111 %	70-130	02/24/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2609047
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/26/26	
<i>Surrogate: n-Nonane</i>		106 %	61-141	02/24/26	02/26/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609057
Chloride	ND	100	5	02/24/26	02/25/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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CS-80 0.25

E602257-80

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609034
Benzene	ND	0.0250	1	02/24/26	02/25/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/25/26	
Toluene	ND	0.0250	1	02/24/26	02/25/26	
o-Xylene	ND	0.0250	1	02/24/26	02/25/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/25/26	
Total Xylenes	ND	0.0250	1	02/24/26	02/25/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	02/24/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609034
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/25/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		110 %	70-130	02/24/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2609047
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/26/26	
<i>Surrogate: n-Nonane</i>		103 %	61-141	02/24/26	02/26/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609057
Chloride	ND	100	5	02/24/26	02/25/26	



QC Summary Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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Volatile Organics by EPA 8021B

Analyst: MB

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 (2609024-BLK1)

Prepared: 02/23/26 Analyzed: 02/24/26

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.40		8.00		92.5	70-130			

LCS (2609024-BS1)

Prepared: 02/23/26 Analyzed: 02/24/26

Benzene	4.24	0.0250	5.00		84.9	70-130			
Ethylbenzene	3.99	0.0250	5.00		79.8	70-130			
Toluene	4.18	0.0250	5.00		83.6	70-130			
o-Xylene	4.05	0.0250	5.00		80.9	70-130			
p,m-Xylene	8.19	0.0500	10.0		81.9	70-130			
Total Xylenes	12.2	0.0250	15.0		81.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.65		8.00		95.6	70-130			

Matrix Spike (2609024-MS1)

Source: E602257-12

Prepared: 02/23/26 Analyzed: 02/24/26

Benzene	3.92	0.0250	5.00	ND	78.4	70-130			
Ethylbenzene	3.70	0.0250	5.00	ND	74.0	70-130			
Toluene	3.86	0.0250	5.00	ND	77.3	70-130			
o-Xylene	3.75	0.0250	5.00	ND	75.0	70-130			
p,m-Xylene	7.60	0.0500	10.0	ND	76.0	70-130			
Total Xylenes	11.3	0.0250	15.0	ND	75.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.56		8.00		94.5	70-130			

Matrix Spike Dup (2609024-MSD1)

Source: E602257-12

Prepared: 02/23/26 Analyzed: 02/24/26

Benzene	4.25	0.0250	5.00	ND	85.0	70-130	8.08	27	
Ethylbenzene	4.01	0.0250	5.00	ND	80.1	70-130	7.95	26	
Toluene	4.19	0.0250	5.00	ND	83.7	70-130	7.99	20	
o-Xylene	4.05	0.0250	5.00	ND	80.9	70-130	7.63	25	
p,m-Xylene	8.22	0.0500	10.0	ND	82.2	70-130	7.79	23	
Total Xylenes	12.3	0.0250	15.0	ND	81.8	70-130	7.74	26	
Surrogate: 4-Bromochlorobenzene-PID	7.39		8.00		92.3	70-130			



QC Summary Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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Volatile Organics by EPA 8021B

Analyst: MB

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 (2609025-BLK1)

Prepared: 02/23/26 Analyzed: 02/24/26

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.55		8.00		94.4	70-130			

LCS (2609025-BS1)

Prepared: 02/23/26 Analyzed: 02/24/26

Benzene	4.30	0.0250	5.00		86.0	70-130			
Ethylbenzene	4.03	0.0250	5.00		80.7	70-130			
Toluene	4.19	0.0250	5.00		83.8	70-130			
o-Xylene	4.16	0.0250	5.00		83.1	70-130			
p,m-Xylene	8.26	0.0500	10.0		82.6	70-130			
Total Xylenes	12.4	0.0250	15.0		82.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.62		8.00		95.2	70-130			

Matrix Spike (2609025-MS1)

Source: E602257-27

Prepared: 02/23/26 Analyzed: 02/25/26

Benzene	4.70	0.0250	5.00	ND	94.0	70-130			
Ethylbenzene	4.38	0.0250	5.00	ND	87.6	70-130			
Toluene	4.56	0.0250	5.00	ND	91.2	70-130			
o-Xylene	4.48	0.0250	5.00	ND	89.5	70-130			
p,m-Xylene	8.94	0.0500	10.0	ND	89.4	70-130			
Total Xylenes	13.4	0.0250	15.0	ND	89.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.53		8.00		94.1	70-130			

Matrix Spike Dup (2609025-MSD1)

Source: E602257-27

Prepared: 02/23/26 Analyzed: 02/25/26

Benzene	4.64	0.0250	5.00	ND	92.7	70-130	1.33	27	
Ethylbenzene	4.32	0.0250	5.00	ND	86.4	70-130	1.42	26	
Toluene	4.50	0.0250	5.00	ND	90.0	70-130	1.34	20	
o-Xylene	4.41	0.0250	5.00	ND	88.2	70-130	1.53	25	
p,m-Xylene	8.82	0.0500	10.0	ND	88.2	70-130	1.40	23	
Total Xylenes	13.2	0.0250	15.0	ND	88.2	70-130	1.44	26	
Surrogate: 4-Bromochlorobenzene-PID	7.45		8.00		93.2	70-130			



QC Summary Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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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 (2609026-BLK1)

Prepared: 02/23/26 Analyzed: 02/24/26

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.60		8.00		107	70-130			

LCS (2609026-BS1)

Prepared: 02/23/26 Analyzed: 02/24/26

Benzene	4.60	0.0250	5.00		92.1	70-130			
Ethylbenzene	4.39	0.0250	5.00		87.8	70-130			
Toluene	4.51	0.0250	5.00		90.2	70-130			
o-Xylene	4.49	0.0250	5.00		89.9	70-130			
p,m-Xylene	8.97	0.0500	10.0		89.7	70-130			
Total Xylenes	13.5	0.0250	15.0		89.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.74		8.00		109	70-130			

Matrix Spike (2609026-MS1)

Source: E602257-47

Prepared: 02/23/26 Analyzed: 02/24/26

Benzene	4.78	0.0250	5.00	ND	95.5	70-130			
Ethylbenzene	4.54	0.0250	5.00	ND	90.9	70-130			
Toluene	4.67	0.0250	5.00	ND	93.4	70-130			
o-Xylene	4.66	0.0250	5.00	ND	93.2	70-130			
p,m-Xylene	9.27	0.0500	10.0	ND	92.7	70-130			
Total Xylenes	13.9	0.0250	15.0	ND	92.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.74		8.00		109	70-130			

Matrix Spike Dup (2609026-MSD1)

Source: E602257-47

Prepared: 02/23/26 Analyzed: 02/24/26

Benzene	5.14	0.0250	5.00	ND	103	70-130	7.36	27	
Ethylbenzene	4.90	0.0250	5.00	ND	98.0	70-130	7.56	26	
Toluene	5.03	0.0250	5.00	ND	101	70-130	7.35	20	
o-Xylene	5.04	0.0250	5.00	ND	101	70-130	7.83	25	
p,m-Xylene	9.99	0.0500	10.0	ND	99.9	70-130	7.49	23	
Total Xylenes	15.0	0.0250	15.0	ND	100	70-130	7.61	26	
Surrogate: 4-Bromochlorobenzene-PID	8.77		8.00		110	70-130			



QC Summary Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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Volatile Organics by EPA 8021B

Analyst: MB

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 (2609034-BLK1)

Prepared: 02/24/26 Analyzed: 02/25/26

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.18		8.00		102	70-130			

LCS (2609034-BS1)

Prepared: 02/24/26 Analyzed: 02/25/26

Benzene	4.54	0.0250	5.00		90.8	70-130			
Ethylbenzene	4.29	0.0250	5.00		85.9	70-130			
Toluene	4.48	0.0250	5.00		89.5	70-130			
o-Xylene	4.37	0.0250	5.00		87.4	70-130			
p,m-Xylene	8.80	0.0500	10.0		88.0	70-130			
Total Xylenes	13.2	0.0250	15.0		87.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.15		8.00		102	70-130			

Matrix Spike (2609034-MS1)

Source: E602257-73

Prepared: 02/24/26 Analyzed: 02/26/26

Benzene	4.83	0.0250	5.00	ND	96.6	70-130			
Ethylbenzene	4.59	0.0250	5.00	ND	91.7	70-130			
Toluene	4.77	0.0250	5.00	ND	95.4	70-130			
o-Xylene	4.66	0.0250	5.00	ND	93.2	70-130			
p,m-Xylene	9.40	0.0500	10.0	ND	94.0	70-130			
Total Xylenes	14.1	0.0250	15.0	ND	93.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.11		8.00		101	70-130			

Matrix Spike Dup (2609034-MSD1)

Source: E602257-73

Prepared: 02/24/26 Analyzed: 02/26/26

Benzene	4.79	0.0250	5.00	ND	95.9	70-130	0.782	27	
Ethylbenzene	4.56	0.0250	5.00	ND	91.2	70-130	0.595	26	
Toluene	4.74	0.0250	5.00	ND	94.9	70-130	0.521	20	
o-Xylene	4.63	0.0250	5.00	ND	92.6	70-130	0.601	25	
p,m-Xylene	9.34	0.0500	10.0	ND	93.4	70-130	0.594	23	
Total Xylenes	14.0	0.0250	15.0	ND	93.1	70-130	0.596	26	
Surrogate: 4-Bromochlorobenzene-PID	8.16		8.00		102	70-130			



QC Summary Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: MB

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 (2609024-BLK1)

Prepared: 02/23/26 Analyzed: 02/24/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.66		8.00		121	70-130			

LCS (2609024-BS2)

Prepared: 02/23/26 Analyzed: 02/24/26

Gasoline Range Organics (C6-C10)	38.5	20.0	50.0		76.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.83		8.00		123	70-130			

Matrix Spike (2609024-MS2)

Source: E602257-12

Prepared: 02/23/26 Analyzed: 02/24/26

Gasoline Range Organics (C6-C10)	41.9	20.0	50.0	ND	83.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.73		8.00		122	70-130			

Matrix Spike Dup (2609024-MSD2)

Source: E602257-12

Prepared: 02/23/26 Analyzed: 02/24/26

Gasoline Range Organics (C6-C10)	41.5	20.0	50.0	ND	83.0	70-130	0.949	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.74		8.00		122	70-130			



QC Summary Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: MB

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 (2609025-BLK1)

Prepared: 02/23/26 Analyzed: 02/24/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.87		8.00		98.3	70-130			

LCS (2609025-BS2)

Prepared: 02/23/26 Analyzed: 02/24/26

Gasoline Range Organics (C6-C10)	47.0	20.0	50.0		94.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.91		8.00		98.9	70-130			

Matrix Spike (2609025-MS2)

Source: E602257-27

Prepared: 02/23/26 Analyzed: 02/25/26

Gasoline Range Organics (C6-C10)	41.3	20.0	50.0	ND	82.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.86		8.00		98.2	70-130			

Matrix Spike Dup (2609025-MSD2)

Source: E602257-27

Prepared: 02/23/26 Analyzed: 02/25/26

Gasoline Range Organics (C6-C10)	44.2	20.0	50.0	ND	88.5	70-130	6.89	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.75		8.00		96.9	70-130			



QC Summary Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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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 (2609026-BLK1)

Prepared: 02/23/26 Analyzed: 02/24/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.87		8.00		98.4	70-130			

LCS (2609026-BS2)

Prepared: 02/23/26 Analyzed: 02/24/26

Gasoline Range Organics (C6-C10)	58.2	20.0	50.0		116	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.14		8.00		102	70-130			

Matrix Spike (2609026-MS2)

Source: E602257-47

Prepared: 02/23/26 Analyzed: 02/27/26

Gasoline Range Organics (C6-C10)	47.3	20.0	50.0	ND	94.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.06		8.00		101	70-130			

Matrix Spike Dup (2609026-MSD2)

Source: E602257-47

Prepared: 02/23/26 Analyzed: 02/24/26

Gasoline Range Organics (C6-C10)	52.3	20.0	50.0	ND	105	70-130	10.2	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.02		8.00		100	70-130			



QC Summary Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: MB

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 (2609034-BLK1)

Prepared: 02/24/26 Analyzed: 02/25/26

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

LCS (2609034-BS2)

Prepared: 02/24/26 Analyzed: 02/26/26

Gasoline Range Organics (C6-C10)	42.5	20.0	50.0		85.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.83		8.00		110	70-130			

Matrix Spike (2609034-MS2)

Source: E602257-73

Prepared: 02/24/26 Analyzed: 02/26/26

Gasoline Range Organics (C6-C10)	49.5	20.0	50.0	ND	99.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.94		8.00		112	70-130			

Matrix Spike Dup (2609034-MSD2)

Source: E602257-73

Prepared: 02/24/26 Analyzed: 02/26/26

Gasoline Range Organics (C6-C10)	48.1	20.0	50.0	ND	96.2	70-130	2.96	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.90		8.00		111	70-130			



QC Summary Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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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 (2609038-BLK1)

Prepared: 02/24/26 Analyzed: 02/25/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.5		50.0		95.0	61-141			

LCS (2609038-BS1)

Prepared: 02/24/26 Analyzed: 02/25/26

Diesel Range Organics (C10-C28)	259	25.0	250		104	66-144			
Surrogate: n-Nonane	47.8		50.0		95.6	61-141			

Matrix Spike (2609038-MS1)

Source: E602257-03

Prepared: 02/24/26 Analyzed: 02/25/26

Diesel Range Organics (C10-C28)	281	25.0	250	ND	113	56-156			
Surrogate: n-Nonane	51.6		50.0		103	61-141			

Matrix Spike Dup (2609038-MSD1)

Source: E602257-03

Prepared: 02/24/26 Analyzed: 02/25/26

Diesel Range Organics (C10-C28)	269	25.0	250	ND	107	56-156	4.58	20	
Surrogate: n-Nonane	48.5		50.0		97.1	61-141			



QC Summary Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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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 (2609040-BLK1)

Prepared: 02/24/26 Analyzed: 02/25/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.5		50.0		103	61-141			

LCS (2609040-BS1)

Prepared: 02/24/26 Analyzed: 02/25/26

Diesel Range Organics (C10-C28)	287	25.0	250		115	66-144			
Surrogate: n-Nonane	53.7		50.0		107	61-141			

Matrix Spike (2609040-MS1)

Source: E602257-28

Prepared: 02/24/26 Analyzed: 02/25/26

Diesel Range Organics (C10-C28)	283	25.0	250	ND	113	56-156			
Surrogate: n-Nonane	54.0		50.0		108	61-141			

Matrix Spike Dup (2609040-MSD1)

Source: E602257-28

Prepared: 02/24/26 Analyzed: 02/25/26

Diesel Range Organics (C10-C28)	288	25.0	250	ND	115	56-156	1.76	20	
Surrogate: n-Nonane	54.4		50.0		109	61-141			



QC Summary Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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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 (2609046-BLK1)

Prepared: 02/24/26 Analyzed: 02/25/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.2		50.0		102	61-141			

LCS (2609046-BS1)

Prepared: 02/24/26 Analyzed: 02/25/26

Diesel Range Organics (C10-C28)	265	25.0	250		106	66-144			
Surrogate: n-Nonane	51.0		50.0		102	61-141			

Matrix Spike (2609046-MS1)

Source: E602257-52

Prepared: 02/24/26 Analyzed: 02/25/26

Diesel Range Organics (C10-C28)	275	25.0	250	ND	110	56-156			
Surrogate: n-Nonane	52.9		50.0		106	61-141			

Matrix Spike Dup (2609046-MSD1)

Source: E602257-52

Prepared: 02/24/26 Analyzed: 02/25/26

Diesel Range Organics (C10-C28)	281	25.0	250	ND	112	56-156	2.19	20	
Surrogate: n-Nonane	53.3		50.0		107	61-141			



QC Summary Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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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 (2609047-BLK1)

Prepared: 02/24/26 Analyzed: 02/25/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.2		50.0		106	61-141			

LCS (2609047-BS1)

Prepared: 02/24/26 Analyzed: 02/25/26

Diesel Range Organics (C10-C28)	270	25.0	250		108	66-144			
Surrogate: n-Nonane	50.8		50.0		102	61-141			

Matrix Spike (2609047-MS1)

Source: E602257-68

Prepared: 02/24/26 Analyzed: 02/25/26

Diesel Range Organics (C10-C28)	314	25.0	250	ND	126	56-156			
Surrogate: n-Nonane	61.1		50.0		122	61-141			

Matrix Spike Dup (2609047-MSD1)

Source: E602257-68

Prepared: 02/24/26 Analyzed: 02/25/26

Diesel Range Organics (C10-C28)	295	25.0	250	ND	118	56-156	6.16	20	
Surrogate: n-Nonane	57.2		50.0		114	61-141			



QC Summary Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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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 (2609054-BLK1)

Prepared: 02/24/26 Analyzed: 02/24/26

Chloride ND 20.0

LCS (2609054-BS1)

Prepared: 02/24/26 Analyzed: 02/24/26

Chloride 265 20.0 250 106 90-110

Matrix Spike (2609054-MS1)

Source: E602257-02

Prepared: 02/24/26 Analyzed: 02/24/26

Chloride 250 200 250 ND 100 80-120

Matrix Spike Dup (2609054-MSD1)

Source: E602257-02

Prepared: 02/24/26 Analyzed: 02/24/26

Chloride 254 200 250 ND 102 80-120 1.62 20



QC Summary Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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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 (2609055-BLK1)

Prepared: 02/24/26 Analyzed: 02/26/26

Chloride ND 20.0

LCS (2609055-BS1)

Prepared: 02/24/26 Analyzed: 02/26/26

Chloride 261 20.0 250 104 90-110

Matrix Spike (2609055-MS1)

Source: E602257-26

Prepared: 02/24/26 Analyzed: 02/26/26

Chloride 344 100 250 ND 138 80-120 M2

Matrix Spike Dup (2609055-MSD1)

Source: E602257-26

Prepared: 02/24/26 Analyzed: 02/26/26

Chloride 340 100 250 ND 136 80-120 1.22 20 M2



QC Summary Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2609056-BLK1)

Prepared: 02/24/26 Analyzed: 02/26/26

Chloride ND 20.0

LCS (2609056-BS1)

Prepared: 02/24/26 Analyzed: 02/26/26

Chloride 255 20.0 250 102 90-110

Matrix Spike (2609056-MS1)

Source: E602257-51

Prepared: 02/24/26 Analyzed: 02/26/26

Chloride 249 40.0 250 ND 99.6 80-120

Matrix Spike Dup (2609056-MSD1)

Source: E602257-51

Prepared: 02/24/26 Analyzed: 02/26/26

Chloride 250 40.0 250 ND 99.8 80-120 0.164 20



QC Summary Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 4:55:41PM
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Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2609057-BLK1)

Prepared: 02/24/26 Analyzed: 02/24/26

Chloride	ND	20.0							
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LCS (2609057-BS1)

Prepared: 02/24/26 Analyzed: 02/24/26

Chloride	257	20.0	250		103	90-110			
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Matrix Spike (2609057-MS1)

Source: E602257-68

Prepared: 02/24/26 Analyzed: 02/24/26

Chloride	331	200	250	ND	132	80-120			M2
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Matrix Spike Dup (2609057-MSD1)

Source: E602257-68

Prepared: 02/24/26 Analyzed: 02/24/26

Chloride	332	200	250	ND	133	80-120	0.184	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

Earth Systems	Project Name:	Buffalo Valley 8" 7626	
1910 Resource Ct	Project Number:	24064-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Gilbert Moreno	02/27/26 16:55

M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.

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: Earth Systems R & R				Company: Earth Systems R & R				Lab WO#		Job Number		1D		2D		3D		Std		NM		CO		UT		TX			
Project Name: Buffalo Valley 8" 7626				Address: 1910 Resource Ct				E402257		24604-0001								X		X									
Project Manager: Gilbert Moreno				City, State, Zip: Carlsbad, NM 88220																									
Address: 1910 Resource Ct				Phone: 832-541-7719																									
City, State, Zip: Carlsbad NM, 88220				Email: gmoreno@earthsys.net																									
Phone: 832-541-7719				Work for: Kinetik Midstream																									
Email: gmoreno@earthsys.net, sglron@earthsys.net																													

Sample Information										Analysis and Method										EPA Program							
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field	Filter	Lab Number	DRO/ORO by 8015	Depth (ft)	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Cation/Anion Pkg	Rush-24 HR TAT	Grab (G) / Composite @	SDWA	CWA	RCRA	Compliance	Y	or	N	PWSID #	Remarks
8:20	2/19/2026	S	1	CS - 1			1		0.25				X					C	4.0								Incident #:
8:25	2/19/2026	S	1	CS - 2			2		0.25				X					C	4.3								APP2529335946
8:30	2/19/2026	S	1	CS - 3			3		0.25				X					C	4.6								
8:35	2/19/2026	S	1	CS - 4			4		0.25				X					C	4.2								
8:40	2/19/2026	S	1	CS - 5			5		0.25				X					C	4.4								
8:45	2/19/2026	S	1	CS - 6			6		0.25				X					C	4.3								
8:50	2/19/2026	S	1	CS - 7			7		0.25				X					C	4.6								
8:55	2/19/2026	S	1	CS - 8			8		0.25				X					C	4.5								
9:00	2/19/2026	S	1	CS - 9			9		0.25				X					C	4.0								
9:05	2/19/2026	S	1	CS - 10			10		0.25				X					C	4.1								

Additional Instructions:

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

Sampled by: SG MB										Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.									
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time					Lab Use Only									
<i>Michelle Gonzalez</i>	2/20/26	10:00	<i>Michelle Gonzalez</i>	2-20-26	1000					Received on Ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N									
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time					T1 _____ T2 _____ T3 _____									
<i>Michelle Gonzalez</i>	2-20-26	1315	<i>Nathan Gonzalez</i>	2-20-26	1315					AVG Temp °C _____									
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time					Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other									
<i>Nathan Gonzalez</i>	2-20-26	2045	<i>Johnny Archuleta</i>	2-20-26	2045					Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA									
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time					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.									
<i>Johnny Archuleta</i>	2-20-26	2200	<i>Cecilia Mar</i>	2-23-26	730														



Chain of Custody

Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Earth Systems R & R				Company: Earth Systems R & R				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Buffalo Valley 8" 7626				Address: 1910 Resource Ct				E102257		24064.0001					X	X			
Project Manager: Gilbert Moreno				City, State, Zip: Carlsbad, NM 88220															
Address: 1910 Resource Ct				Phone: 832-541-7719															
City, State, Zip: Carlsbad NM, 88220				Email: gmoreno@earthsys.net															
Phone: 832-541-7719				Work for: Kinetik Midstream															
Email: gmoreno@earthsys.net, sgron@earthsys.net																			

Sample Information										Analysis and Method										EPA Program		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field	Filter	Lab Number	DRO/ORO by 8015	Depth (ft)	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Cation/Anion Pkg	Rush-24 HR TAT	Grab (G) / Composite	SDWA	CWA	RCRA	
9:10	2/19/2026	S	1	CS - 11			11		0.25				X					C	4.8			Incident #:
9:15	2/19/2026	S	1	CS - 12			12		0.25				X					C	4.3			APP2529335946
9:20	2/19/2026	S	1	CS - 13			13		0.25				X					C	4.5			
9:25	2/19/2026	S	1	CS - 14			14		0.25				X					C	4.2			
9:30	2/19/2026	S	1	CS - 15			15		0.25				X					C	4.0			
9:35	2/19/2026	S	1	CS - 16			16		0.25				X					C	4.0			
9:40	2/19/2026	S	1	CS - 17			17		0.25				X					C	4.6			
9:45	2/19/2026	S	1	CS - 18			18		0.25				X					C	4.4			
9:50	2/19/2026	S	1	CS - 19			19		0.25				X					C	3.9			
9:55	2/19/2026	S	1	CS - 20			20		0.25				X					C	4.2			

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: SG MB

Relinquished by: (Signature) <i>[Signature]</i>	Date 2/20/26	Time 10:00	Received by: (Signature) <i>Michelle Gonzales</i>	Date 2-20-26	Time 1000	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C _____
Relinquished by: (Signature) <i>Michelle Gonzales</i>	Date 2-20-26	Time 1315	Received by: (Signature) <i>Nathan Gonzalez</i>	Date 2-20-26	Time 1315	
Relinquished by: (Signature) <i>Nathan Gonzalez</i>	Date 2-20-26	Time 2045	Received by: (Signature) <i>Johnny Archuleta</i>	Date 2-20-26	Time 2045	
Relinquished by: (Signature) <i>Johnny Archuleta</i>	Date 2-20-26	Time 2700	Received by: (Signature) <i>Caitlin Ma</i>	Date 2-23-26	Time 730	

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

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: Earth Systems R & R				Company: Earth Systems R & R				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX		
Project Name: Buffalo Valley 8" 7626				Address: 1910 Resource Ct				E02257		240640001					X	X					
Project Manager: Gilbert Moreno				City, State, Zip: Carlsbad, NM 88220																	
Address: 1910 Resource Ct				Phone: 832-541-7719																	
City, State, Zip: Carlsbad NM, 88220				Email: gmoreno@earthsys.net																	
Phone: 832-541-7719				Work for: Kinetik Midstream																	
Email: gmoreno@earthsys.net, sgron@earthsys.net																					
Sample Information										Analysis and Method						EPA Program					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	Depth (ft)	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Cation/Anion Pkg	Rush 24 HR TAT	Grab (G) / Composite ©	SDWA	CWA	RCRA	
10:00	2/19/2026	S	1	CS - 21		21		0.25				X					C				
10:05	2/19/2026	S	1	CS - 22		22		0.25				X					C		Y	or	N
10:10	2/19/2026	S	1	CS - 23		23		0.25				X					C				
10:15	2/19/2026	S	1	CS - 24		24		0.25				X					C				
10:20	2/19/2026	S	1	CS - 25		25		0.25				X					C				
10:25	2/19/2026	S	1	CS - 26		26		0.25				X					C				
10:30	2/19/2026	S	1	CS - 27		27		0.25				X					C				
10:35	2/19/2026	S	1	CS - 28		28		0.25				X					C				
10:40	2/19/2026	S	1	CS - 29		29		0.25				X					C				
10:45	2/19/2026	S	1	CS - 30		30		0.25				X					C				
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: SG MB																					
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 in ice at an avg temp above 0 but less than 6 °C on subsequent days. Lab Use Only Received on ice: <input checked="" type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA									
Michelle Gonzales		2-20-26		10:00		Michelle Gonzales		2-20-26		1000											
Michelle Gonzales		2-20-26		1315		Nathan Gonzalez		2-20-26		1315											
Nathan Gonzalez		2-20-26		2045		Johnny Archuleta		2-20-26		2045											
Johnny Archuleta		2-20-26		2200		Cathy Mar		2-23-26		730											
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																					
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: Earth Systems R & R				Company: Earth Systems R & R				Lab WO#		Job Number		1D		2D		3D		Std		NM		CO		UT		TX			
Project Name: Buffalo Valley 8" 7626				Address: 1910 Resource Ct				E1002257		24064 001								X		X									
Project Manager: Gilbert Moreno				City, State, Zip: Carlsbad, NM 88220																									
Address: 1910 Resource Ct				Phone: 832-541-7719																									
City, State, Zip: Carlsbad NM, 88220				Email: gmoreno@earthsys.net																									
Phone: 832-541-7719				Work for: Kinetik Midstream																									
Email: gmoreno@earthsys.net, sgron@earthsys.net																													

Sample Information							Analysis and Method										EPA Program			Remarks	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	Depth (ft)	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 3005 - TX	RCRA 8 Metals	Cation/Anion Pkg	Rush-24 HR TAT	Grab (G) / Composite @	SDWA	CWA		RCRA
10:50	2/19/2026	S	1	CS - 31		31		0.25				X					C	4.2			Incident #:
10:55	2/19/2026	S	1	CS - 32		32		0.25				X					C	4.0			nAPP2529335946
11:00	2/19/2026	S	1	CS - 33		33		0.25				X					C	3.9			
11:05	2/19/2026	S	1	CS - 34		34		0.25				X					C	4.2			
11:10	2/19/2026	S	1	CS - 35		35		0.25				X					C	4.0			
11:15	2/19/2026	S	1	CS - 36		36		0.25				X					C	4.4			
11:20	2/19/2026	S	1	CS - 37		37		0.25				X					C	3.8			
11:25	2/19/2026	S	1	CS - 38		38		0.25				X					C	3.8			
11:30	2/19/2026	S	1	CS - 39		39		0.25				X					C	4.2			
11:35	2/19/2026	S	1	CS - 40		40		0.25				X					C	4.0			

Additional Instructions:

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

Sampled by: SG MB						Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.					
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C _____					
<i>[Signature]</i>	2/20/26	10:00	Michelle Gonzalez	2-20-26	1000						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
<i>Michelle Gonzalez</i>	2-20-26	1315	Nathan Gonzalez	2-20-26	1315						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
<i>Nathan Gonzalez</i>	2-20-26	2045	Johnny Archuleta	2-20-26	2045						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
<i>Johnny Archuleta</i>	2-20-26	2700	Cathy Mar	2-23-26	730						

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: Earth Systems R & R				Company: Earth Systems R & R				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX		
Project Name: Buffalo Valley 8" 7626				Address: 1910 Resource Ct				E602257		24064.001					X	X					
Project Manager: Gilbert Moreno				City, State, Zip: Carlsbad, NM 88220																	
Address: 1910 Resource Ct				Phone: 832-541-7719																	
City, State, Zip: Carlsbad NM, 88220				Email: gmoreno@earthsys.net																	
Phone: 832-541-7719				Work for: Kinetik Midstream																	
Email: gmoreno@earthsys.net, sgiron@earthsys.net																					
Sample Information										Analysis and Method						EPA Program					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8108	Depth (ft)	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Cation/Anion Pig	Rush-24 HR TAT	Grab (G) / Composite ©	SDWA	CWA	RCRA	
11:40	2/19/2026	S	1	CS - 41		41		0.25				X					C				
11:45	2/19/2026	S	1	CS - 42		42		0.25				X					C				
11:50	2/19/2026	S	1	CS - 43		43		0.25				X					C				
11:55	2/19/2026	S	1	CS - 44		44		0.25				X					C				
12:00	2/19/2026	S	1	CS - 45		45		0.25				X					C				
12:05	2/19/2026	S	1	CS - 46		46		0.25				X					C				
12:10	2/19/2026	S	1	CS - 47		47		0.25				X					C				
12:15	2/19/2026	S	1	CS - 48		48		0.25				X					C				
12:20	2/19/2026	S	1	CS - 49		49		0.25				X					C				
12:25	2/19/2026	S	1	CS - 50		50		0.25				X					C				
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: SG MB																					
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 in ice at an avg temp above 0 but less than 6 °C on subsequent days. Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N Lab Use Only T1 _____ T2 _____ T3 _____ AVG Temp °C _____									
Michelle Gonzales		2/20/26		10:00		Michelle Gonzales		2/20/26		1000											
Michelle Gonzales		2/20/26		1315		Nathan Gonzalez		2/20/26		1315											
Nathan Gonzalez		2/20/26		2045		Johnny Archuleta		2/20/26		2045											
Johnny Archuleta		2/20/26		2200		Cecilia Man		2/23/26		730											
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: Earth Systems R & R				Company: Earth Systems R & R				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX			
Project Name: Buffalo Valley 8" 7626				Address: 1910 Resource Ct				E 102257		24064.0001					X	X						
Project Manager: Gilbert Moreno				City, State, Zip: Carlsbad, NM 88220																		
Address: 1910 Resource Ct				Phone: 832-541-7719																		
City, State, Zip: Carlsbad NM, 88220				Email: gmoreno@earthsys.net																		
Phone: 832-541-7719				Work for: Kinetik Midstream																		
Email: gmoreno@earthsys.net, sgron@earthsys.net																						
Sample Information										Analysis and Method						EPA Program						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field	Filter	Lab Number	DRO/ORO by 8015	Depth (ft)	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Cation/Anion Pig	Rush-24 HR TAT	Grab (G) / Composite ©	SDWA	CWA	RCRA	
																			Compliance	Y	or	N
																			PWSID #			
																			Remarks			
12:30	2/19/2026	S	1	CS - 51			51		0.25				X					C	3.7	Incident #:		
12:35	2/19/2026	S	1	CS - 52			52		0.25				X					C	3.8	nAPP2529335946		
12:40	2/19/2026	S	1	CS - 53			53		0.25				X					C	3.6			
12:45	2/19/2026	S	1	CS - 54			54		0.25				X					C	4.0			
12:50	2/19/2026	S	1	CS - 55			55		0.25				X					C	4.4			
12:55	2/19/2026	S	1	CS - 56			56		0.25				X					C	4.4			
13:00	2/19/2026	S	1	CS - 57			57		0.25				X					C	4.2			
13:05	2/19/2026	S	1	CS - 58			58		0.25				X					C	4.0			
13:10	2/19/2026	S	1	CS - 59			59		0.25				X					C	3.7			
13:15	2/19/2026	S	1	CS - 60			60		0.25				X					C	3.9			
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: SG MB																						
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 in ice at an avg temp above 0 but less than 6 °C on subsequent days. Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N Lab Use Only T1 _____ T2 _____ T3 _____ AVG Temp °C _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA										
Michelle Gonzales		2-20-26		10:00		Michelle Gonzales		2-20-26		10:00												
Michelle Gonzales		2-20-26		13:15		Nathan Gonzalez		2-20-26		13:15												
Nathan Gonzalez		2-20-26		2:00		Johnny Archuleta		2-20-26		2:45												
Johnny Archuleta		2-20-26		2:20		Caitie Man		2-23-26		7:30												
Sample Matrix: B - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																						
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: Earth Systems R & R				Company: Earth Systems R & R				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX			
Project Name: Buffalo Valley 8" 7626				Address: 1910 Resource Ct				E602257		24064-001					X	X						
Project Manager: Gilbert Moreno				City, State, Zip: Carlsbad, NM 88220																		
Address: 1910 Resource Ct				Phone: 832-541-7719																		
City, State, Zip: Carlsbad NM, 88220				Email: gmoreno@earthsys.net																		
Phone: 832-541-7719				Work for: Kinetik Midstream																		
Email: gmoreno@earthsys.net, sgron@earthsys.net																						
Sample Information										Analysis and Method						EPA Program						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 808	Depth (ft)	BTEX by 8021	VOC by 8260	Chloride 3000	BGDOC - NM	TCEQ 1005 - TX	PCRA 8 Metals	Cation/Anion Peg	Rush-24 HR TAT	Grab (G) / Composite @	SDWA	CWA	RCRA		
																		Compliance	Y	or	N	
																		PWSID #				Remarks
13:20	2/19/2026	S	1	CS - 61		601		0.25				X					C					4.0 Incident #:
13:25	2/19/2026	S	1	CS - 62		602		0.25				X					C					4.4 APP2529335946
13:30	2/19/2026	S	1	CS - 63		603		0.25				X					C					4.2
13:35	2/19/2026	S	1	CS - 64		604		0.25				X					C					4.5
13:40	2/19/2026	S	1	CS - 65		605		0.25				X					C					3.9
13:45	2/19/2026	S	1	CS - 66		606		0.25				X					C					3.8
13:50	2/19/2026	S	1	CS - 67		607		0.25				X					C					4.2
13:55	2/19/2026	S	1	CS - 68		608		0.25				X					C					4.6
14:00	2/19/2026	S	1	CS - 69		609		0.25				X					C					3.8
14:05	2/19/2026	S	1	CS - 70		70		0.25				X					C					4.0
Additional Instructions:																						
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																						
Sampled by: SG MB																						
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 in ice at an avg temp above 0 but less than 6 °C on subsequent days. Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C _____										
Michelle Gonzales		2/20/26		10:00		Michelle Gonzales		2/20/26		1000												
Michelle Gonzales		2/20/26		1315		Nathan Gonzalez		2/20/26		1315												
Nathan Gonzalez		2/20/26		2045		Johnny Archuleta		2/20/26		2045												
Johnny Archuleta		2/20/26		2000		Melth Mar		2/23/26		730												
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.																						



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Client Information		Invoice Information		Lab Use Only		TAT		State					
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Project Name: Buffalo Valley 8" 7626		Address: 1910 Resource Ct		E602257	24064001				X	X			
Project Manager: Gilbert Moreno		City, State, Zip: Carlsbad, NM 88220		Phone: 832-541-7719									
Address: 1910 Resource Ct		Email: gmoreno@earthsys.net		Work for: Kinetik Midstream									
City, State, Zip: Carlsbad NM, 88220													
Phone: 832-541-7719													
Email: gmoreno@earthsys.net, sgron@earthsys.net													

Sample Information										Analysis and Method								EPA Program				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field	Filter	Lab Number	DRO/ORO by 8015	Depth (ft)	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TEEQ 1005 - TX	RCRA 8 Metals	Cation/Anion Pkg	RUSH-24 HR TAT	Grab (G) / Composite	SDWA	CWA	RCRA	
14:10	2/19/2026	S	1	CS - 71			71		0.25				X					C				4.4 Incident #:
14:15	2/19/2026	S	1	CS - 72			72		0.25				X					C				4.2 APP2529335946
14:20	2/19/2026	S	1	CS - 73			73		0.25				X					C				3.7
14:25	2/19/2026	S	1	CS - 74			74		0.25				X					C				3.9
14:30	2/19/2026	S	1	CS - 75			75		0.25				X					C				4.2
14:35	2/19/2026	S	1	CS - 76			76		0.25				X					C				4.0
14:40	2/19/2026	S	1	CS - 77			77		0.25				X					C				4.4
14:45	2/19/2026	S	1	CS - 78			78		0.25				X					C				4.2
14:50	2/19/2026	S	1	CS - 79			79		0.25				X					C				3.6
14:55	2/19/2026	S	1	CS - 80			80		0.25				X					C				3.9

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: SG MB

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 in ice at an avg 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 T1 _____ T2 _____ T3 _____ AVG Temp °C _____
<i>[Signature]</i>	2/20/26	10:00	<i>Michelle Gonzales</i>	2-20-26	1000	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<i>Michelle Gonzales</i>	2-20-26	1315	<i>Nathan Gonzalez</i>	2-20-26	1315	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<i>Nathan Gonzalez</i>	2-20-26	2045	<i>Johnny Archuleta</i>	2-20-26	2045	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<i>Johnny Archuleta</i>	2-20-26	2200	<i>Carla Mc...</i>	2-23-26	730	

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.

Released to Imaging: 5/1/2026 10:47:05 AM

Page 113 of 114

Received by OCD: 4/22/2026 1:44:27 PM

Page 252 of 367



Envirotech Analytical Laboratory

Printed: 2/23/2026 10:49:57AM

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: Earth Systems Date Received: 02/23/26 07:30 Work Order ID: E602257
Phone: 832-541-7719 Date Logged In: 02/20/26 16:19 Logged In By: Caitlin Mars
Email: gmoreno@earthsys.net Due Date: 02/27/26 17:00 (4 day TAT)

Chain of Custody (COC)

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

Carrier: Courier

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

Empty box for client instruction.

Comments/Resolution

Project Buffalo Valley 8 7626 has been separated into 2 reports due to sample volume. WOs are E602257 & E602258. L-NS R-CM

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

Date



envirotech Inc.

Report to:
Gilbert Moreno



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Earth Systems

Project Name: Buffalo Valley 8" 7626

Work Order: E602258

Job Number: 24064-0001

Received: 2/23/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/27/26

5796 U.S. Hwy 64
Farmington, NM 87401

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



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



Date Reported: 2/27/26

Gilbert Moreno
1910 Resource Ct
Carlsbad, NM 88220

Project Name: Buffalo Valley 8" 7626
Workorder: E602258
Date Received: 2/23/2026 7:30:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/23/2026 7:30:00AM, under the Project Name: Buffalo Valley 8" 7626.

The analytical test results summarized in this report with the Project Name: Buffalo Valley 8" 7626 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

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 02/27/26 09:25
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-81 0.25	E602258-01A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-82 0.25	E602258-02A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-83 0.25	E602258-03A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-84 0.25	E602258-04A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-85 0.25	E602258-05A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-86 0.25	E602258-06A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-87 0.25	E602258-07A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-88 0.25	E602258-08A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-89 0.25	E602258-09A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-90 0.25	E602258-10A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-91 0.25	E602258-11A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-92 0.25	E602258-12A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-93 0.25	E602258-13A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-94 0.25	E602258-14A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-95 0.25	E602258-15A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-96 0.25	E602258-16A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-97 0.25	E602258-17A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-98 0.25	E602258-18A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-99 0.25	E602258-19A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
CS-100 0.25	E602258-20A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 9:25:14AM
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CS-81 0.25

E602258-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2609037
Benzene	ND	0.0250	1	02/24/26	02/25/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/25/26	
Toluene	ND	0.0250	1	02/24/26	02/25/26	
o-Xylene	ND	0.0250	1	02/24/26	02/25/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/25/26	
Total Xylenes	ND	0.0250	1	02/24/26	02/25/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		99.6 %	70-130	02/24/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2609037
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/25/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		96.0 %	70-130	02/24/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2609050
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>						
		106 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2609058
Chloride	ND	200	10	02/24/26	02/25/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 9:25:14AM
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CS-82 0.25

E602258-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609037
Benzene	ND	0.0250	1	02/24/26	02/26/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/26/26	
Toluene	ND	0.0250	1	02/24/26	02/26/26	
o-Xylene	0.0306	0.0250	1	02/24/26	02/26/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/26/26	
Total Xylenes	0.0306	0.0250	1	02/24/26	02/26/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.6 %	70-130	02/24/26	02/26/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609037
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/26/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.1 %	70-130	02/24/26	02/26/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2609050
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>		105 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609058
Chloride	ND	200	10	02/24/26	02/25/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 9:25:14AM
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CS-83 0.25

E602258-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609037
Benzene	ND	0.0250	1	02/24/26	02/26/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/26/26	
Toluene	ND	0.0250	1	02/24/26	02/26/26	
o-Xylene	ND	0.0250	1	02/24/26	02/26/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/26/26	
Total Xylenes	ND	0.0250	1	02/24/26	02/26/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.5 %	70-130	02/24/26	02/26/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609037
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/26/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.8 %	70-130	02/24/26	02/26/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2609050
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>		110 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609058
Chloride	ND	200	10	02/24/26	02/25/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 9:25:14AM
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CS-84 0.25

E602258-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609037
Benzene	ND	0.0250	1	02/24/26	02/26/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/26/26	
Toluene	ND	0.0250	1	02/24/26	02/26/26	
o-Xylene	ND	0.0250	1	02/24/26	02/26/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/26/26	
Total Xylenes	ND	0.0250	1	02/24/26	02/26/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.5 %	70-130	02/24/26	02/26/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609037
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/26/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.7 %	70-130	02/24/26	02/26/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2609050
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>		103 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609058
Chloride	ND	200	10	02/24/26	02/25/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 9:25:14AM
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CS-85 0.25

E602258-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609037
Benzene	ND	0.0250	1	02/24/26	02/26/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/26/26	
Toluene	ND	0.0250	1	02/24/26	02/26/26	
o-Xylene	ND	0.0250	1	02/24/26	02/26/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/26/26	
Total Xylenes	ND	0.0250	1	02/24/26	02/26/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.1 %	70-130	02/24/26	02/26/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609037
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/26/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.1 %	70-130	02/24/26	02/26/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2609050
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>		106 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609058
Chloride	ND	100	5	02/24/26	02/25/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 9:25:14AM
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CS-86 0.25

E602258-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609037
Benzene	ND	0.0250	1	02/24/26	02/25/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/25/26	
Toluene	ND	0.0250	1	02/24/26	02/25/26	
o-Xylene	ND	0.0250	1	02/24/26	02/25/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/25/26	
Total Xylenes	ND	0.0250	1	02/24/26	02/25/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.0 %	70-130	02/24/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609037
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/25/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.0 %	70-130	02/24/26	02/25/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2609050
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>		105 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609058
Chloride	ND	200	10	02/24/26	02/25/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 9:25:14AM
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CS-87 0.25

E602258-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609037
Benzene	ND	0.0250	1	02/24/26	02/26/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/26/26	
Toluene	ND	0.0250	1	02/24/26	02/26/26	
o-Xylene	ND	0.0250	1	02/24/26	02/26/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/26/26	
Total Xylenes	ND	0.0250	1	02/24/26	02/26/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.7 %	70-130	02/24/26	02/26/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609037
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/26/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.6 %	70-130	02/24/26	02/26/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2609050
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/25/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/25/26	
<i>Surrogate: n-Nonane</i>		106 %	61-141	02/24/26	02/25/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609058
Chloride	ND	200	10	02/24/26	02/25/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 9:25:14AM
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CS-88 0.25

E602258-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2609037
Benzene	ND	0.0250	1	02/24/26	02/26/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/26/26	
Toluene	ND	0.0250	1	02/24/26	02/26/26	
o-Xylene	ND	0.0250	1	02/24/26	02/26/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/26/26	
Total Xylenes	ND	0.0250	1	02/24/26	02/26/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		98.0 %	70-130	02/24/26	02/26/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2609037
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/26/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.0 %	70-130	02/24/26	02/26/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2609050
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/26/26	
<i>Surrogate: n-Nonane</i>						
		103 %	61-141	02/24/26	02/26/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2609058
Chloride	ND	200	10	02/24/26	02/25/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 9:25:14AM
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CS-89 0.25

E602258-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2609037
Benzene	ND	0.0250	1	02/24/26	02/26/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/26/26	
Toluene	ND	0.0250	1	02/24/26	02/26/26	
o-Xylene	ND	0.0250	1	02/24/26	02/26/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/26/26	
Total Xylenes	ND	0.0250	1	02/24/26	02/26/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		96.8 %	70-130	02/24/26	02/26/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2609037
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/26/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		97.5 %	70-130	02/24/26	02/26/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2609050
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/26/26	
<i>Surrogate: n-Nonane</i>						
		105 %	61-141	02/24/26	02/26/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2609058
Chloride	ND	200	10	02/24/26	02/25/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 9:25:14AM
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CS-90 0.25

E602258-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609037
Benzene	ND	0.0250	1	02/24/26	02/26/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/26/26	
Toluene	ND	0.0250	1	02/24/26	02/26/26	
o-Xylene	ND	0.0250	1	02/24/26	02/26/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/26/26	
Total Xylenes	ND	0.0250	1	02/24/26	02/26/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.3 %	70-130	02/24/26	02/26/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609037
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/26/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.1 %	70-130	02/24/26	02/26/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2609050
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/26/26	
<i>Surrogate: n-Nonane</i>		113 %	61-141	02/24/26	02/26/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609058
Chloride	ND	200	10	02/24/26	02/25/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 9:25:14AM
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CS-91 0.25

E602258-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609037
Benzene	ND	0.0250	1	02/24/26	02/26/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/26/26	
Toluene	ND	0.0250	1	02/24/26	02/26/26	
o-Xylene	ND	0.0250	1	02/24/26	02/26/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/26/26	
Total Xylenes	ND	0.0250	1	02/24/26	02/26/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.9 %	70-130	02/24/26	02/26/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609037
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/26/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.7 %	70-130	02/24/26	02/26/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2609050
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/26/26	
<i>Surrogate: n-Nonane</i>		110 %	61-141	02/24/26	02/26/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609058
Chloride	ND	20.0	1	02/24/26	02/25/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 9:25:14AM
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CS-92 0.25

E602258-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609037
Benzene	ND	0.0250	1	02/24/26	02/26/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/26/26	
Toluene	ND	0.0250	1	02/24/26	02/26/26	
o-Xylene	ND	0.0250	1	02/24/26	02/26/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/26/26	
Total Xylenes	ND	0.0250	1	02/24/26	02/26/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.7 %	70-130	02/24/26	02/26/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609037
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/26/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.3 %	70-130	02/24/26	02/26/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2609050
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/26/26	
<i>Surrogate: n-Nonane</i>		109 %	61-141	02/24/26	02/26/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609058
Chloride	ND	20.0	1	02/24/26	02/25/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 9:25:14AM
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CS-93 0.25

E602258-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609037
Benzene	ND	0.0250	1	02/24/26	02/26/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/26/26	
Toluene	ND	0.0250	1	02/24/26	02/26/26	
o-Xylene	ND	0.0250	1	02/24/26	02/26/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/26/26	
Total Xylenes	ND	0.0250	1	02/24/26	02/26/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.0 %	70-130	02/24/26	02/26/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609037
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/26/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.2 %	70-130	02/24/26	02/26/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2609050
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/26/26	
<i>Surrogate: n-Nonane</i>		107 %	61-141	02/24/26	02/26/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609058
Chloride	ND	20.0	1	02/24/26	02/26/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 9:25:14AM
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CS-94 0.25

E602258-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609037
Benzene	ND	0.0250	1	02/24/26	02/26/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/26/26	
Toluene	ND	0.0250	1	02/24/26	02/26/26	
o-Xylene	ND	0.0250	1	02/24/26	02/26/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/26/26	
Total Xylenes	ND	0.0250	1	02/24/26	02/26/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.0 %	70-130	02/24/26	02/26/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609037
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/26/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.1 %	70-130	02/24/26	02/26/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2609050
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/26/26	
<i>Surrogate: n-Nonane</i>		107 %	61-141	02/24/26	02/26/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609058
Chloride	ND	20.0	1	02/24/26	02/26/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 9:25:14AM
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CS-95 0.25

E602258-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609037
Benzene	ND	0.0250	1	02/24/26	02/26/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/26/26	
Toluene	ND	0.0250	1	02/24/26	02/26/26	
o-Xylene	ND	0.0250	1	02/24/26	02/26/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/26/26	
Total Xylenes	ND	0.0250	1	02/24/26	02/26/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.9 %	70-130	02/24/26	02/26/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609037
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/26/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.9 %	70-130	02/24/26	02/26/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2609050
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/26/26	
<i>Surrogate: n-Nonane</i>		114 %	61-141	02/24/26	02/26/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609058
Chloride	ND	100	5	02/24/26	02/26/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 9:25:14AM
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CS-96 0.25

E602258-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609037
Benzene	ND	0.0250	1	02/24/26	02/26/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/26/26	
Toluene	ND	0.0250	1	02/24/26	02/26/26	
o-Xylene	ND	0.0250	1	02/24/26	02/26/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/26/26	
Total Xylenes	ND	0.0250	1	02/24/26	02/26/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.5 %	70-130	02/24/26	02/26/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609037
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/26/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		98.9 %	70-130	02/24/26	02/26/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2609050
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/26/26	
<i>Surrogate: n-Nonane</i>		110 %	61-141	02/24/26	02/26/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609058
Chloride	ND	200	10	02/24/26	02/26/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 9:25:14AM
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CS-97 0.25

E602258-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609037
Benzene	ND	0.0250	1	02/24/26	02/26/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/26/26	
Toluene	ND	0.0250	1	02/24/26	02/26/26	
o-Xylene	ND	0.0250	1	02/24/26	02/26/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/26/26	
Total Xylenes	ND	0.0250	1	02/24/26	02/26/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.5 %	70-130	02/24/26	02/26/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609037
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/26/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.2 %	70-130	02/24/26	02/26/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2609050
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/26/26	
<i>Surrogate: n-Nonane</i>		111 %	61-141	02/24/26	02/26/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609058
Chloride	ND	100	5	02/24/26	02/26/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 9:25:14AM
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CS-98 0.25

E602258-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609037
Benzene	ND	0.0250	1	02/24/26	02/26/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/26/26	
Toluene	ND	0.0250	1	02/24/26	02/26/26	
o-Xylene	ND	0.0250	1	02/24/26	02/26/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/26/26	
Total Xylenes	ND	0.0250	1	02/24/26	02/26/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.1 %	70-130	02/24/26	02/26/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609037
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/26/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.9 %	70-130	02/24/26	02/26/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2609050
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/26/26	
<i>Surrogate: n-Nonane</i>		111 %	61-141	02/24/26	02/26/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609058
Chloride	ND	200	10	02/24/26	02/26/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 9:25:14AM
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CS-99 0.25

E602258-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609037
Benzene	ND	0.0250	1	02/24/26	02/26/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/26/26	
Toluene	ND	0.0250	1	02/24/26	02/26/26	
o-Xylene	ND	0.0250	1	02/24/26	02/26/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/26/26	
Total Xylenes	ND	0.0250	1	02/24/26	02/26/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.5 %	70-130	02/24/26	02/26/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609037
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/26/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.6 %	70-130	02/24/26	02/26/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2609050
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/26/26	
<i>Surrogate: n-Nonane</i>		113 %	61-141	02/24/26	02/26/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609058
Chloride	ND	200	10	02/24/26	02/26/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 9:25:14AM
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CS-100 0.25

E602258-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2609037
Benzene	ND	0.0250	1	02/24/26	02/26/26	
Ethylbenzene	ND	0.0250	1	02/24/26	02/26/26	
Toluene	ND	0.0250	1	02/24/26	02/26/26	
o-Xylene	ND	0.0250	1	02/24/26	02/26/26	
p,m-Xylene	ND	0.0500	1	02/24/26	02/26/26	
Total Xylenes	ND	0.0250	1	02/24/26	02/26/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.2 %	70-130	02/24/26	02/26/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2609037
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/26	02/26/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.7 %	70-130	02/24/26	02/26/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2609050
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/26	02/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/26	02/26/26	
<i>Surrogate: n-Nonane</i>		121 %	61-141	02/24/26	02/26/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609058
Chloride	ND	200	10	02/24/26	02/26/26	



QC Summary Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 9:25:14AM
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Volatile Organics by EPA 8021B

Analyst: MB

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 (2609037-BLK1)

Prepared: 02/24/26 Analyzed: 02/25/26

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.40		8.00		92.4	70-130			

LCS (2609037-BS1)

Prepared: 02/24/26 Analyzed: 02/25/26

Benzene	4.26	0.0250	5.00		85.1	70-130			
Ethylbenzene	4.02	0.0250	5.00		80.4	70-130			
Toluene	4.16	0.0250	5.00		83.2	70-130			
o-Xylene	4.11	0.0250	5.00		82.2	70-130			
p,m-Xylene	8.24	0.0500	10.0		82.4	70-130			
Total Xylenes	12.4	0.0250	15.0		82.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.86		8.00		98.3	70-130			

Matrix Spike (2609037-MS1)

Source: E602258-06

Prepared: 02/24/26 Analyzed: 02/25/26

Benzene	4.93	0.0250	5.00	ND	98.7	70-130			
Ethylbenzene	4.64	0.0250	5.00	ND	92.9	70-130			
Toluene	4.82	0.0250	5.00	ND	96.4	70-130			
o-Xylene	4.74	0.0250	5.00	ND	94.9	70-130			
p,m-Xylene	9.50	0.0500	10.0	ND	95.0	70-130			
Total Xylenes	14.2	0.0250	15.0	ND	95.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.92		8.00		99.0	70-130			

Matrix Spike Dup (2609037-MSD1)

Source: E602258-06

Prepared: 02/24/26 Analyzed: 02/25/26

Benzene	5.00	0.0250	5.00	ND	100	70-130	1.30	27	
Ethylbenzene	4.71	0.0250	5.00	ND	94.3	70-130	1.53	26	
Toluene	4.88	0.0250	5.00	ND	97.7	70-130	1.29	20	
o-Xylene	4.80	0.0250	5.00	ND	95.9	70-130	1.12	25	
p,m-Xylene	9.63	0.0500	10.0	ND	96.3	70-130	1.33	23	
Total Xylenes	14.4	0.0250	15.0	ND	96.2	70-130	1.26	26	
Surrogate: 4-Bromochlorobenzene-PID	8.00		8.00		100	70-130			



QC Summary Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 9:25:14AM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: MB

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 (2609037-BLK1)

Prepared: 02/24/26 Analyzed: 02/25/26

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

LCS (2609037-BS2)

Prepared: 02/24/26 Analyzed: 02/25/26

Gasoline Range Organics (C6-C10)	44.6	20.0	50.0		89.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.65		8.00		95.7	70-130			

Matrix Spike (2609037-MS2)

Source: E602258-06

Prepared: 02/24/26 Analyzed: 02/25/26

Gasoline Range Organics (C6-C10)	51.8	20.0	50.0	ND	104	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.69		8.00		96.1	70-130			

Matrix Spike Dup (2609037-MSD2)

Source: E602258-06

Prepared: 02/24/26 Analyzed: 02/25/26

Gasoline Range Organics (C6-C10)	55.0	20.0	50.0	ND	110	70-130	5.91	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.9	70-130			



QC Summary Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 9:25:14AM
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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 (2609050-BLK1)

Prepared: 02/24/26 Analyzed: 02/25/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	56.5		50.0		113	61-141			

LCS (2609050-BS1)

Prepared: 02/24/26 Analyzed: 02/25/26

Diesel Range Organics (C10-C28)	274	25.0	250		109	66-144			
Surrogate: <i>n</i> -Nonane	51.5		50.0		103	61-141			

Matrix Spike (2609050-MS1)

Source: E602258-06

Prepared: 02/24/26 Analyzed: 02/25/26

Diesel Range Organics (C10-C28)	287	25.0	250	ND	115	56-156			
Surrogate: <i>n</i> -Nonane	53.0		50.0		106	61-141			

Matrix Spike Dup (2609050-MSD1)

Source: E602258-06

Prepared: 02/24/26 Analyzed: 02/25/26

Diesel Range Organics (C10-C28)	299	25.0	250	ND	119	56-156	3.93	20	
Surrogate: <i>n</i> -Nonane	54.5		50.0		109	61-141			



QC Summary Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/27/2026 9:25:14AM
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Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2609058-BLK1)

Prepared: 02/24/26 Analyzed: 02/25/26

Chloride	ND	20.0							
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LCS (2609058-BS1)

Prepared: 02/24/26 Analyzed: 02/25/26

Chloride	259	20.0	250		104	90-110			
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Matrix Spike (2609058-MS1)

Source: E602258-05

Prepared: 02/24/26 Analyzed: 02/25/26

Chloride	266	100	250	ND	106	80-120			
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Matrix Spike Dup (2609058-MSD1)

Source: E602258-05

Prepared: 02/24/26 Analyzed: 02/25/26

Chloride	271	100	250	ND	108	80-120	1.88	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

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 02/27/26 09:25
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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: Earth Systems R & R				Company: Earth Systems R & R				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Buffalo Valley 8" 7626				Address: 1910 Resource Ct				EL602258		240104-0001					X	X			
Project Manager: Gilbert Moreno				City, State, Zip: Carlsbad, NM 88220															
Address: 1910 Resource Ct				Phone: 832-541-7719															
City, State, Zip: Carlsbad NM, 88220				Email: gmoreno@earthsys.net															
Phone: 832-541-7719				Work for: Kinetik Midstream															
Email: gmoreno@earthsys.net, sgron@earthsys.net																			

Sample Information										Analysis and Method										EPA Program		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	Depth (ft)	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TEEQ 1005 - TX	RCRA 8 Metals	Cation/Anion Pkg	Rush-24 HR TAT	Grab (G) / Composite @	SDWA	CWA	RCRA		
15:00	2/19/2026	S	1	CS - 81		1		0.25				X					C				4.2 Incident #:	
15:05	2/19/2026	S	1	CS - 82		2		0.25				X					C				3.8 APP2529335946	
15:10	2/19/2026	S	1	CS - 83		3		0.25				X					C				4.0	
15:15	2/19/2026	S	1	CS - 84		4		0.25				X					C				3.8	
15:20	2/19/2026	S	1	CS - 85		5		0.25				X					C				3.9	
15:25	2/19/2026	S	1	CS - 86		6		0.25				X					C				4.2	
15:30	2/19/2026	S	1	CS - 87		7		0.25				X					C				4.0	
15:35	2/19/2026	S	1	CS - 88		8		0.25				X					C				4.4	
15:40	2/19/2026	S	1	CS - 89		9		0.25				X					C				4.4	
15:45	2/19/2026	S	1	CS - 90		10		0.25				X					C				4.0	

Additional Instructions:

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

Sampled by: SG MB

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 in ice at an avg temp above 0 but less than 6 °C on subsequent days.
<i>[Signature]</i>	2/20/26	10:00	Michelle Gonzales	2-20-26	1000	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
Michelle Gonzales	2-20-26	1315	Nathan Gonzalez	2-20-26	1315	
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
Nathan Gonzalez	2-20-26	2045	Johanny Archuleta	2-20-26	2045	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	T1 _____ T2 _____ T3 _____
Johanny Archuleta	2-20-26	2200	Keith Mar	2-23-26	730	AVG Temp °C _____

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: Earth Systems R & R				Company: Earth Systems R & R				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX			
Project Name: Buffalo Valley 8" 7626				Address: 1910 Resource Ct				E6002258		24064-0001					X	X						
Project Manager: Gilbert Moreno				City, State, Zip: Carlsbad, NM 88220																		
Address: 1910 Resource Ct				Phone: 832-541-7719																		
City, State, Zip: Carlsbad NM, 88220				Email: gmoreno@earthsys.net																		
Phone: 832-541-7719				Work for: Kinetik Midstream																		
Email: gmoreno@earthsys.net, sgron@earthsys.net																						
Sample Information										Analysis and Method						EPA Program						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	Depth (ft)	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Cation/Anion Pkg	Rush-24 HR TAT	Grab (G) / Composite @	SDWA	CWA	RCRA		
																		Compliance	Y	or	N	
																		PWSID #				Remarks
15:50	2/19/2026	S	1	CS - 91		11		0.25				X					C	4.0				Incident #:
15:55	2/19/2026	S	1	CS - 92		12		0.25				X					C	4.0				APP2529335946
16:00	2/19/2026	S	1	CS - 93		13		0.25				X					C	3.8				
16:05	2/19/2026	S	1	CS - 94		14		0.25				X					C	3.8				
16:10	2/19/2026	S	1	CS - 95		15		0.25				X					C	4.2				
16:15	2/19/2026	S	1	CS - 96		16		0.25				X					C	4.6				
16:20	2/19/2026	S	1	CS - 97		17		0.25				X					C	4.4				
16:25	2/19/2026	S	1	CS - 98		18		0.25				X					C	4.0				
16:30	2/19/2026	S	1	CS - 99		19		0.25				X					C	4.2				
16:35	2/19/2026	S	1	CS - 100		20		0.25				X					C	4.1				
Additional Instructions:																						
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																						
Sampled by: SG MB																						
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 in ice at an avg temp above 0 but less than 6 °C on subsequent days. Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N Lab Use Only T1 _____ T2 _____ T3 _____ AVG Temp °C _____										
Michelle Gonzales		2-20-26		10:00		Michelle Gonzales		2-20-26		1000												
Michelle Gonzales		2-20-26		1315		Nathan Gonzalez		2-20-26		1315												
Nathan Gonzalez		2-20-26		2045		Johnny Archuleta		2-20-26		2045												
Johnny Archuleta		2-20-26		2300		Cathy Man		2-23-26		730												
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other												Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA										
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																						



Envirotech Analytical Laboratory

Printed: 2/23/2026 10:51:10AM

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: Earth Systems Date Received: 02/23/26 07:30 Work Order ID: E602258
Phone: 832-541-7719 Date Logged In: 02/20/26 16:35 Logged In By: Caitlin Mars
Email: gmoreno@earthsys.net Due Date: 02/27/26 17:00 (4 day TAT)

Chain of Custody (COC)

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

Carrier: Courier

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

Empty box for client instruction.

Comments/Resolution

Project Buffalo Valley 8 7626 has been separated into 2 reports due to sample volume. WOs are E602257 & E602258. L-NS R-CM

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

Date



envirotech Inc.

Report to:
Gilbert Moreno



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Earth Systems

Project Name: Buffalo Valley 8" 7626

Work Order: E602250

Job Number: 24064-0001

Received: 2/23/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/26/26

5796 U.S. Hwy 64
Farmington, NM 87401

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



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



Date Reported: 2/26/26

Gilbert Moreno
1910 Resource Ct
Carlsbad, NM 88220

Project Name: Buffalo Valley 8" 7626
Workorder: E602250
Date Received: 2/23/2026 7:30:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/23/2026 7:30:00AM, under the Project Name: Buffalo Valley 8" 7626.

The analytical test results summarized in this report with the Project Name: Buffalo Valley 8" 7626 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
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 02/26/26 16:28
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW-1 0-0.25	E602250-01A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
SW-2 0-0.25	E602250-02A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
SW-3 0-0.25	E602250-03A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
SW-4 0-0.25	E602250-04A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/26/2026 4:28:27PM
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SW-1 0-0.25

E602250-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2609009
Benzene	ND	0.0250	1	02/23/26	02/23/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/23/26	
Toluene	ND	0.0250	1	02/23/26	02/23/26	
o-Xylene	ND	0.0250	1	02/23/26	02/23/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/23/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/23/26	
<i>Surrogate: Bromofluorobenzene</i>						
		99.6 %	70-130	02/23/26	02/23/26	
<i>Surrogate: 1,2-Dichloroethane-d4</i>						
		98.4 %	70-130	02/23/26	02/23/26	
<i>Surrogate: Toluene-d8</i>						
		101 %	70-130	02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2609009
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/23/26	
<i>Surrogate: Bromofluorobenzene</i>						
		99.6 %	70-130	02/23/26	02/23/26	
<i>Surrogate: 1,2-Dichloroethane-d4</i>						
		98.4 %	70-130	02/23/26	02/23/26	
<i>Surrogate: Toluene-d8</i>						
		101 %	70-130	02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2609010
Diesel Range Organics (C10-C28)	ND	25.0	1	02/23/26	02/23/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/23/26	02/23/26	
<i>Surrogate: n-Nonane</i>						
		92.1 %	61-141	02/23/26	02/23/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2609004
Chloride	ND	100	5	02/23/26	02/23/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/26/2026 4:28:27PM
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SW-2 0-0.25

E602250-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: SL		Batch: 2609009
Benzene	ND	0.0250	1	02/23/26	02/23/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/23/26	
Toluene	ND	0.0250	1	02/23/26	02/23/26	
o-Xylene	ND	0.0250	1	02/23/26	02/23/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/23/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/23/26	
<i>Surrogate: Bromofluorobenzene</i>		99.0 %	70-130	02/23/26	02/23/26	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	02/23/26	02/23/26	
<i>Surrogate: Toluene-d8</i>		100 %	70-130	02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2609009
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/23/26	
<i>Surrogate: Bromofluorobenzene</i>		99.0 %	70-130	02/23/26	02/23/26	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	02/23/26	02/23/26	
<i>Surrogate: Toluene-d8</i>		100 %	70-130	02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2609010
Diesel Range Organics (C10-C28)	ND	25.0	1	02/23/26	02/23/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/23/26	02/23/26	
<i>Surrogate: n-Nonane</i>		91.1 %	61-141	02/23/26	02/23/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609004
Chloride	ND	200	10	02/23/26	02/23/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/26/2026 4:28:27PM
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SW-3 0-0.25

E602250-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2609009
Benzene	ND	0.0250	1	02/23/26	02/23/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/23/26	
Toluene	ND	0.0250	1	02/23/26	02/23/26	
o-Xylene	ND	0.0250	1	02/23/26	02/23/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/23/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/23/26	
<i>Surrogate: Bromofluorobenzene</i>		97.8 %	70-130	02/23/26	02/23/26	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.9 %	70-130	02/23/26	02/23/26	
<i>Surrogate: Toluene-d8</i>		99.6 %	70-130	02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2609009
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/23/26	
<i>Surrogate: Bromofluorobenzene</i>		97.8 %	70-130	02/23/26	02/23/26	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.9 %	70-130	02/23/26	02/23/26	
<i>Surrogate: Toluene-d8</i>		99.6 %	70-130	02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2609010
Diesel Range Organics (C10-C28)	ND	25.0	1	02/23/26	02/23/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/23/26	02/23/26	
<i>Surrogate: n-Nonane</i>		95.9 %	61-141	02/23/26	02/23/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2609004
Chloride	ND	20.0	1	02/23/26	02/23/26	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/26/2026 4:28:27PM
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SW-4 0-0.25

E602250-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2609009
Benzene	ND	0.0250	1	02/23/26	02/23/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/23/26	
Toluene	ND	0.0250	1	02/23/26	02/23/26	
o-Xylene	ND	0.0250	1	02/23/26	02/23/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/23/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/23/26	
<i>Surrogate: Bromofluorobenzene</i>		98.3 %	70-130	02/23/26	02/23/26	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.6 %	70-130	02/23/26	02/23/26	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2609009
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/23/26	
<i>Surrogate: Bromofluorobenzene</i>		98.3 %	70-130	02/23/26	02/23/26	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.6 %	70-130	02/23/26	02/23/26	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2609010
Diesel Range Organics (C10-C28)	ND	25.0	1	02/23/26	02/23/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/23/26	02/23/26	
<i>Surrogate: n-Nonane</i>		90.0 %	61-141	02/23/26	02/23/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2609004
Chloride	ND	100	5	02/23/26	02/23/26	



QC Summary Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/26/2026 4:28:27PM
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Volatile Organic Compounds by EPA 8260B

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 (2609009-BLK1)

Prepared: 02/23/26 Analyzed: 02/23/26

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.501		0.500		100		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.501		0.500		100		70-130		
Surrogate: Toluene-d8	0.495		0.500		99.0		70-130		

LCS (2609009-BS1)

Prepared: 02/23/26 Analyzed: 02/23/26

Benzene	2.21	0.0250	2.50		88.5		70-130		
Ethylbenzene	2.20	0.0250	2.50		88.0		70-130		
Toluene	2.13	0.0250	2.50		85.2		70-130		
o-Xylene	2.23	0.0250	2.50		89.2		70-130		
p,m-Xylene	4.31	0.0500	5.00		86.1		70-130		
Total Xylenes	6.54	0.0250	7.50		87.2		70-130		
Surrogate: Bromofluorobenzene	0.498		0.500		99.5		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.513		0.500		103		70-130		
Surrogate: Toluene-d8	0.496		0.500		99.1		70-130		

Matrix Spike (2609009-MS1)

Source: E602252-02

Prepared: 02/23/26 Analyzed: 02/23/26

Benzene	2.51	0.0250	2.50	ND	100		48-131		
Ethylbenzene	2.52	0.0250	2.50	ND	101		45-135		
Toluene	2.43	0.0250	2.50	ND	97.3		48-130		
o-Xylene	2.49	0.0250	2.50	ND	99.5		43-135		
p,m-Xylene	4.84	0.0500	5.00	ND	96.9		43-135		
Total Xylenes	7.33	0.0250	7.50	ND	97.7		43-135		
Surrogate: Bromofluorobenzene	0.498		0.500		99.6		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.6		70-130		
Surrogate: Toluene-d8	0.497		0.500		99.4		70-130		

Matrix Spike Dup (2609009-MSD1)

Source: E602252-02

Prepared: 02/23/26 Analyzed: 02/23/26

Benzene	2.36	0.0250	2.50	ND	94.3	48-131	6.25	23	
Ethylbenzene	2.37	0.0250	2.50	ND	94.8	45-135	5.99	27	
Toluene	2.31	0.0250	2.50	ND	92.3	48-130	5.29	24	
o-Xylene	2.36	0.0250	2.50	ND	94.2	43-135	5.43	27	
p,m-Xylene	4.57	0.0500	5.00	ND	91.5	43-135	5.76	27	
Total Xylenes	6.93	0.0250	7.50	ND	92.4	43-135	5.65	27	
Surrogate: Bromofluorobenzene	0.500		0.500		99.9		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101		70-130		
Surrogate: Toluene-d8	0.498		0.500		99.6		70-130		



QC Summary Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/26/2026 4:28:27PM
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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 (2609009-BLK1)

Prepared: 02/23/26 Analyzed: 02/23/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.501		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.501		0.500		100	70-130			
Surrogate: Toluene-d8	0.495		0.500		99.0	70-130			

LCS (2609009-BS2)

Prepared: 02/23/26 Analyzed: 02/23/26

Gasoline Range Organics (C6-C10)	51.2	20.0	50.0		102	70-130			
Surrogate: Bromofluorobenzene	0.502		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.499		0.500		99.8	70-130			
Surrogate: Toluene-d8	0.501		0.500		100	70-130			

Matrix Spike (2609009-MS2)

Source: E602252-02

Prepared: 02/23/26 Analyzed: 02/23/26

Gasoline Range Organics (C6-C10)	48.1	20.0	50.0	ND	96.2	70-130			
Surrogate: Bromofluorobenzene	0.501		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.501		0.500		100	70-130			
Surrogate: Toluene-d8	0.493		0.500		98.6	70-130			

Matrix Spike Dup (2609009-MSD2)

Source: E602252-02

Prepared: 02/23/26 Analyzed: 02/23/26

Gasoline Range Organics (C6-C10)	54.1	20.0	50.0	ND	108	70-130	11.7	20	
Surrogate: Bromofluorobenzene	0.501		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.6	70-130			
Surrogate: Toluene-d8	0.507		0.500		101	70-130			



QC Summary Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/26/2026 4:28:27PM
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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 (2609010-BLK1)

Prepared: 02/23/26 Analyzed: 02/23/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.7		50.0		105	61-141			

LCS (2609010-BS1)

Prepared: 02/23/26 Analyzed: 02/23/26

Diesel Range Organics (C10-C28)	245	25.0	250		97.9	66-144			
Surrogate: n-Nonane	43.0		50.0		86.0	61-141			

Matrix Spike (2609010-MS1)

Source: E602250-04

Prepared: 02/23/26 Analyzed: 02/23/26

Diesel Range Organics (C10-C28)	255	25.0	250	ND	102	56-156			
Surrogate: n-Nonane	45.8		50.0		91.6	61-141			

Matrix Spike Dup (2609010-MSD1)

Source: E602250-04

Prepared: 02/23/26 Analyzed: 02/23/26

Diesel Range Organics (C10-C28)	261	25.0	250	ND	104	56-156	2.26	20	
Surrogate: n-Nonane	45.4		50.0		90.8	61-141			



QC Summary Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 2/26/2026 4:28:27PM
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Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2609004-BLK1)

Prepared: 02/23/26 Analyzed: 02/23/26

Chloride	ND	20.0							
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LCS (2609004-BS1)

Prepared: 02/23/26 Analyzed: 02/23/26

Chloride	246	20.0	250		98.4	90-110			
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Matrix Spike (2609004-MS1)

Source: E602251-02

Prepared: 02/23/26 Analyzed: 02/23/26

Chloride	7770	100	250	8470	NR	80-120			M4
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Matrix Spike Dup (2609004-MSD1)

Source: E602251-02

Prepared: 02/23/26 Analyzed: 02/23/26

Chloride	6630	100	250	8470	NR	80-120	15.8	20	M4
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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

Earth Systems	Project Name:	Buffalo Valley 8" 7626	
1910 Resource Ct	Project Number:	24064-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Gilbert Moreno	02/26/26 16:28

M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

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

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



Chain of Custody

Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Earth Systems R & R				Company: Earth Systems R & R				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Buffalo Valley 8" 7626				Address: 1910 Resource Ct				E102250		24664-0001					X	X			
Project Manager: Gilbert Moreno				City, State, Zip: Carlsbad, NM 88220															
Address: 1910 Resource Ct				Phone: 832-541-7719															
City, State, Zip: Carlsbad NM, 88220				Email: gmoreno@earthsys.net															
Phone: 832-541-7719				Work for: Kinetik Midstream															
Email: gmoreno@earthsys.net, sgron@earthsys.net																			

Sample Information							Analysis and Method										EPA Program				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/CRO by 8015	Depth (ft)	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Cation/Anion Pkg	Rush-24 HR TAT	Grab (G) / Composite ©	SDWA	CWA	RCRA	
8:00	2/19/2026	S	1	SW-1		1		0-0.25				X					C	3.0			Incident #:
8:05	2/19/2026	S	1	SW-2		2		0-0.25				X					C	4.2			nAPP2529335946
8:10	2/19/2026	S	1	SW-3		3		0-0.25				X					C	3.8			
8:15	2/19/2026	S	1	SW-4		4		0-0.25				X					C	4.0			

Additional Instructions:

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

Sampled by: SG MB		Date: 2/20/26		Time: 10:00		Received by: (Signature) Michelle Gonzales		Date: 2-20-26		Time: 1000		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C _____
Relinquished by: (Signature) Michelle Gonzales		Date: 2-20-26		Time: 1315		Received by: (Signature) Nathan Gonzalez		Date: 2-20-26		Time: 1315		
Relinquished by: (Signature) Nathan Gonzalez		Date: 2-20-26		Time: 2045		Received by: (Signature) Johnny Archuleta		Date: 2-20-26		Time: 2045		
Relinquished by: (Signature) Johnny Archuleta		Date: 2-20-26		Time: 2200		Received by: (Signature) Cathi Mar		Date: 2-23-26		Time: 730		

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.



Envirotech Analytical Laboratory

Printed: 2/23/2026 10:27:38AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client: Earth Systems	Date Received: 02/23/26 07:30	Work Order ID: E602250
Phone: 832-541-7719	Date Logged In: 02/20/26 15:38	Logged In By: Caitlin Mars
Email: gmoreno@earthsys.net	Due Date: 02/27/26 17:00 (4 day TAT)	

Chain of Custody (COC)

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

Carrier: Courier

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

L-NS
R-CM

Client Instruction

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

Date



envirotech Inc.



December 23, 2025

New Mexico Oil Conservation Division
506 W. Texas Ave
Artesia, NM 88210

RE: **Buffalo Valley 8" - Closure Request Report**
Incident Number: nAPP2529335946
GPS: 33.035482°, -104.165093°
Chaves County, New Mexico
ESRR Project No. 7626

To Whom It May Concern:

Earth Systems Response & Restoration (ESRR), on behalf of Kinetik Midstream (Kinetik), presents the following Closure Request Report (CRR) detailing excavation activities and subsequent soil sampling events associated with an inadvertent venting of natural gas at the Buffalo Valley 8" (Site). Based on laboratory analytical results from recent soil sampling events, completed remedial and restoration actions, Kinetik is requesting No Further Action (NFA) at the Site.

Site Location & Incident Description

The Site is located in Unit A, Section 07, Township 15 South, Range 28 East, in Chaves County, New Mexico (33.035482°, -104.165093°) and is associated with oil and gas exploration and production operations on State Land managed by the New Mexico State Land Office (NMSLO) (**Figure 1**).

On October 17, 2025, a corroded subsurface pipeline leaked, causing the venting of 694 MCF of natural gas within a Kinetik right-of-way. When deemed safe, Kinetik immediately began repairs to the damaged pipeline. Kinetik provided notice to the New Mexico Oil Conservation Division (NMOCD) by Notification of Release (NOR) and a Corrective Action Form C-141 (Form C-141) on October 20, 2025, and was subsequently assigned Incident Number nAPP2529335946. ESRR conducted initial site assessment activities and mapped the observed footprint of the burn scar on October 20, 2025, hereafter referred to as the Area of Concern (AOC) (**Figure 2**).

Site Characterization

ESRR 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). The following proximities were estimated:

- Between ½ and 1 mile of any continuously flowing watercourse or any other significant watercourse;
- Between 1,000 feet and a ½ mile of any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark);
- Greater than 5 miles of an occupied permanent residence, school, hospital, institution or church;
- Between ½ and 1 mile of any spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes;
- Between ½ and 1 mile of any other freshwater well or spring;

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- Greater than 5 miles of any incorporated municipal boundary or a defined municipal fresh water well field covered under a municipal ordinance;
- Between 1,000 feet and a ½ mile of any wetland;
- Greater than 5 miles of any subsurface mine;
- Between 1,000 feet and a ½ mile of any unstable area (non-karst); and
- Between 1 and 5 miles of a 100-year floodplain.

Receptor details used to determine the Site characterization are included in **Figure 1A** and **Figure 1B**. The **Referenced Well Record** is attached.

Based on the results from the desktop review, no depth to water well is within ½ mile with logged data no greater than 25 years old. The following Closure Criteria was applied:

Constituents of Concern (COCs)	Closure Criteria [‡]
Chloride	600 milligram per kilogram (mg/kg)
Total Petroleum Hydrocarbon (TPH)	100 mg/kg
Benzene	10 mg/kg
Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX) ...	50 mg/kg

[‡]The reclamation 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.

TPH= Gasoline Range Organics + Diesel Range Organics + Oil Range Organics
 Laboratory Analytical Methods used: Environmental Protection Agency (EPA) 300.0, EPA 8015 NM, EPA 8021 B

Delineation Activities

On October 24, 2025, ESRR conducted delineation activities to assess the presence or absence of soil impacts associated with the AOC. Ten delineation boreholes (HA-1 through HA-10) were advanced via hand tools within and surrounding the AOC. Delineation activities were driven by field screening soil for chloride utilizing QuanTab® test strips and volatile organic compounds by a calibrated Photo Ionization Detector (PID). A minimum of one soil sample was collected from each delineation borehole, representing the highest observed field screening concentrations and/or the greatest depth. Delineation soil samples were placed directly into lab-provided pre-cleaned jars, packed with minimal void space, labeled, and placed on ice. The delineation soil samples were transported under strict chain-of-custody procedures, to Envirotech in Farmington, New Mexico, for analysis of the COCs. **Photographic Documentation** of all activities are attached.

Laboratory analytical results for soil samples (HA-1 through HA-10) were compliant with the Site Closure Criteria and the reclamation standard. Laboratory results are summarized in **Table 1**, included in the attachments. The locations of all delineation soil samples are shown in **Figure 2**.

Remediation and Reclamation Activities

Based on the delineation laboratory analytical results above, no soil impacts were associated with the AOC. The staining appears to have solely occurred from the burning and residual smoke during the inadvertent venting.

During November of 2025, a Kinetik third-party contractor performed a surficial scrape of the AOC to address the visual burn scar and to restore the Site to “as close to its original state” as possible (**Figure 3**). Upon final repairs to Kinetik’s subsurface pipeline, the Site was contoured to match the pre-existing grade to prevent ponding of water and erosion. Approximately 20 cubic yards (CY) of the smoldered soil was removed from the Site and transported to Lea Land, LLC Landfill near Carlsbad, New Mexico under a

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Kinetik approved manifest. NMSLO seed mix L for Loamy Sites was hand-broadcasted over the entire disturbed area and back dragged. Following seeding activities, nitrogen fertilizer and water were applied to the entire area to promote maximum results of vegetation regrowth.

Closure Request

Based on delineation laboratory analytical results, no soil impacts were associated with the inadvertent venting. Kinetik believes the completed remedial and subsequent restoration actions meet the requirements set forth in NMAC 19.15.29.13 regulations in order to be protective of human health, the environment, and groundwater. As such, NFA appears warranted at this time, and Kinetik respectfully requests Closure of this CRR associated with Incident Number nAPP2529335946.

If you have any questions or comments, please do not hesitate to contact Gilbert Moreno at (832) 541-7719 or gmoreno@earthsys.net. **Documentation and correspondence notifications and Executed chain-of-custody forms and laboratory analytical reports** are attached.

Sincerely,

EARTH SYSTEMS RESPONSE & RESTORATION

A handwritten signature in black ink that reads "Gilbert Moreno".

Gilbert Moreno
Carlsbad Operations Manager/ Project Geologist

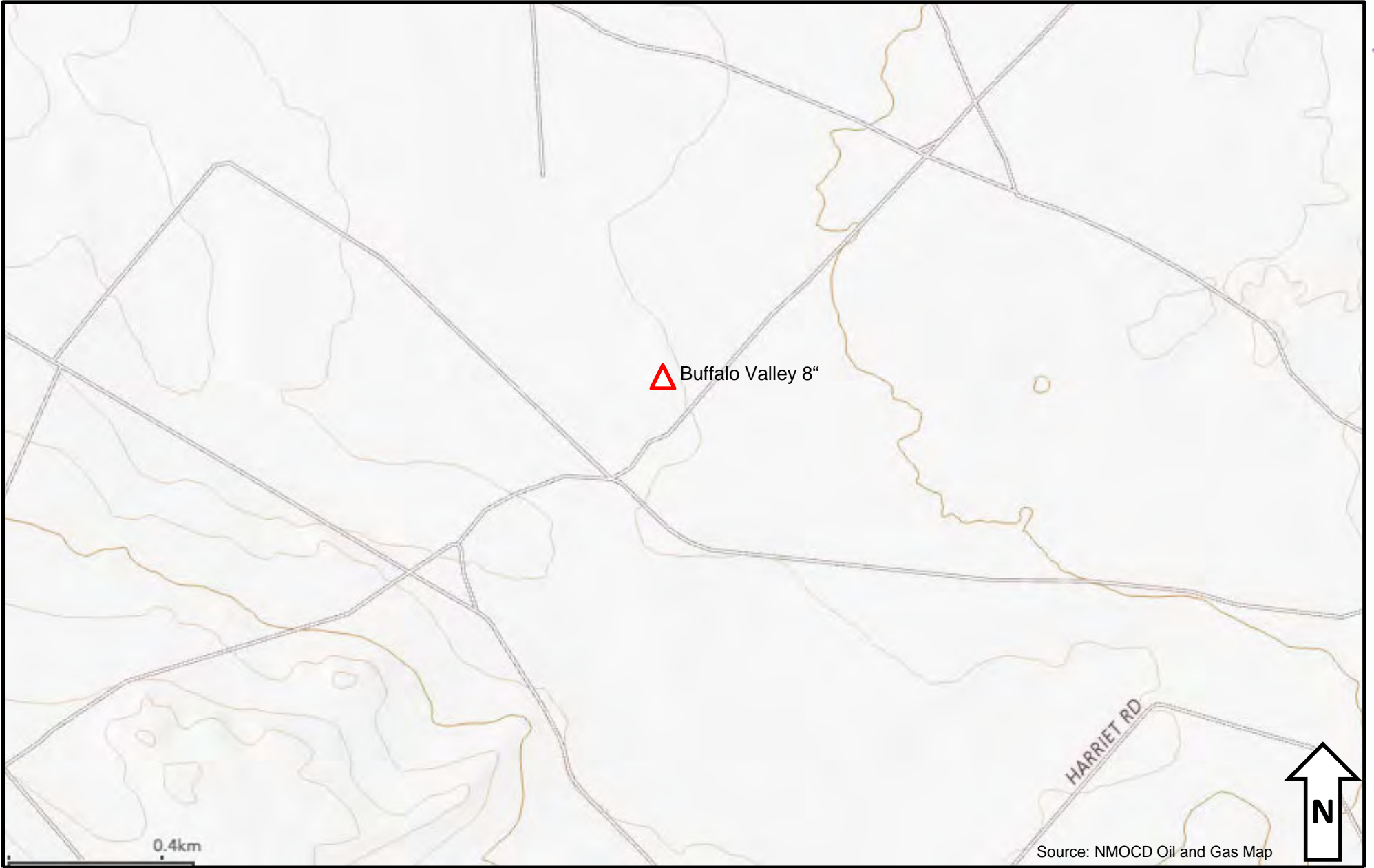
A handwritten signature in black ink that reads "Kris Williams".

Kris Williams, CHMM, REM
Principal

cc: Ivan Jimenez, Kinetik Midstream
Sebastian Orozco, Kinetik Midstream
New Mexico State Land Office

Attachments:

- Figure 1 - Site Map
- Figure 1A - Ground Water
- Figure 1B - Karst Potential
- Figure 2 - Delineation Soil Sample Locations
- Figure 3 - Restoration Area
- Referenced Well Record
- Photographic Documentation
- Table 1 - Soil Sample Analytical Results
- NMOCD Email Documentation & Correspondence
- Executed Chain-of-Custody Forms and Laboratory Analytical Reports



Source: NMOCD Oil and Gas Map

Figure 1 – Site Map

Kinetik Midstream – Buffalo Valley 8"
GPS: 33.035482°, -104.165093°
Chaves County, New Mexico



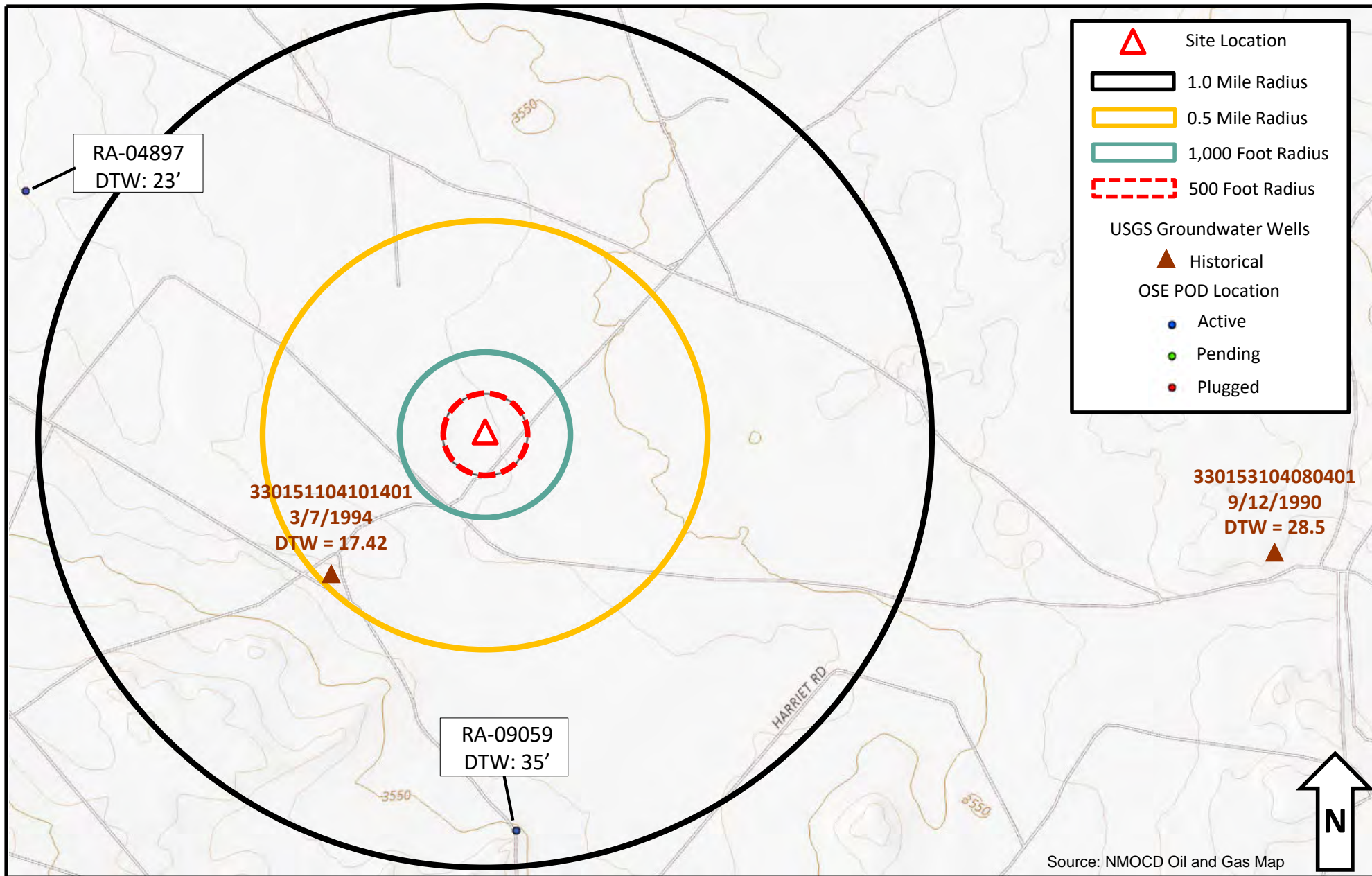


Figure 1A – Ground Water

Kinetik Midstream – Buffalo Valley 8"
GPS: 33.035482°, -104.165093°
Chaves County, New Mexico



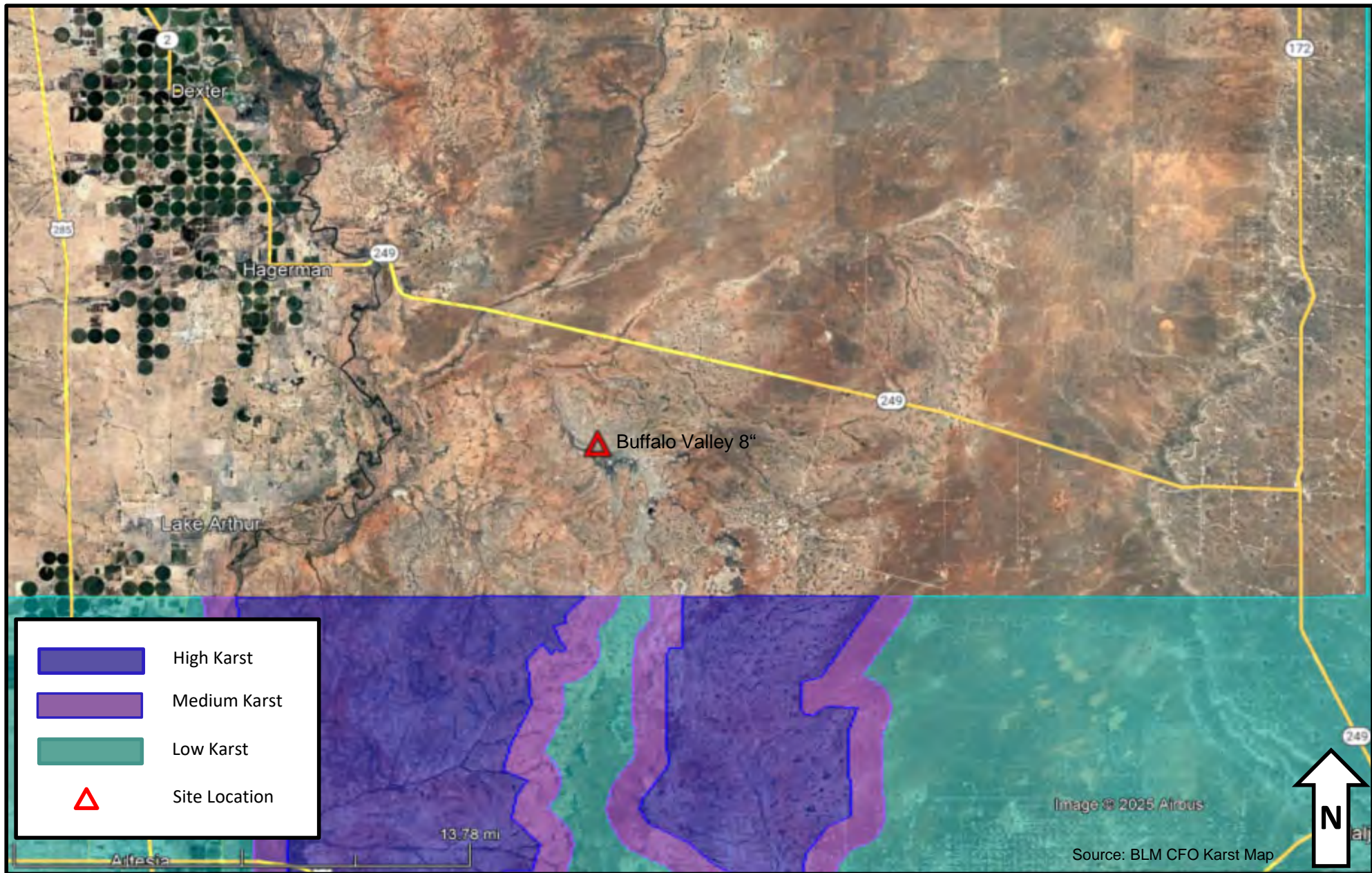


Figure 1B – Karst Potential
 Kinetik Midstream – Buffalo Valley 8"
 GPS: 33.035482°, -104.165093°
 Chaves County, New Mexico



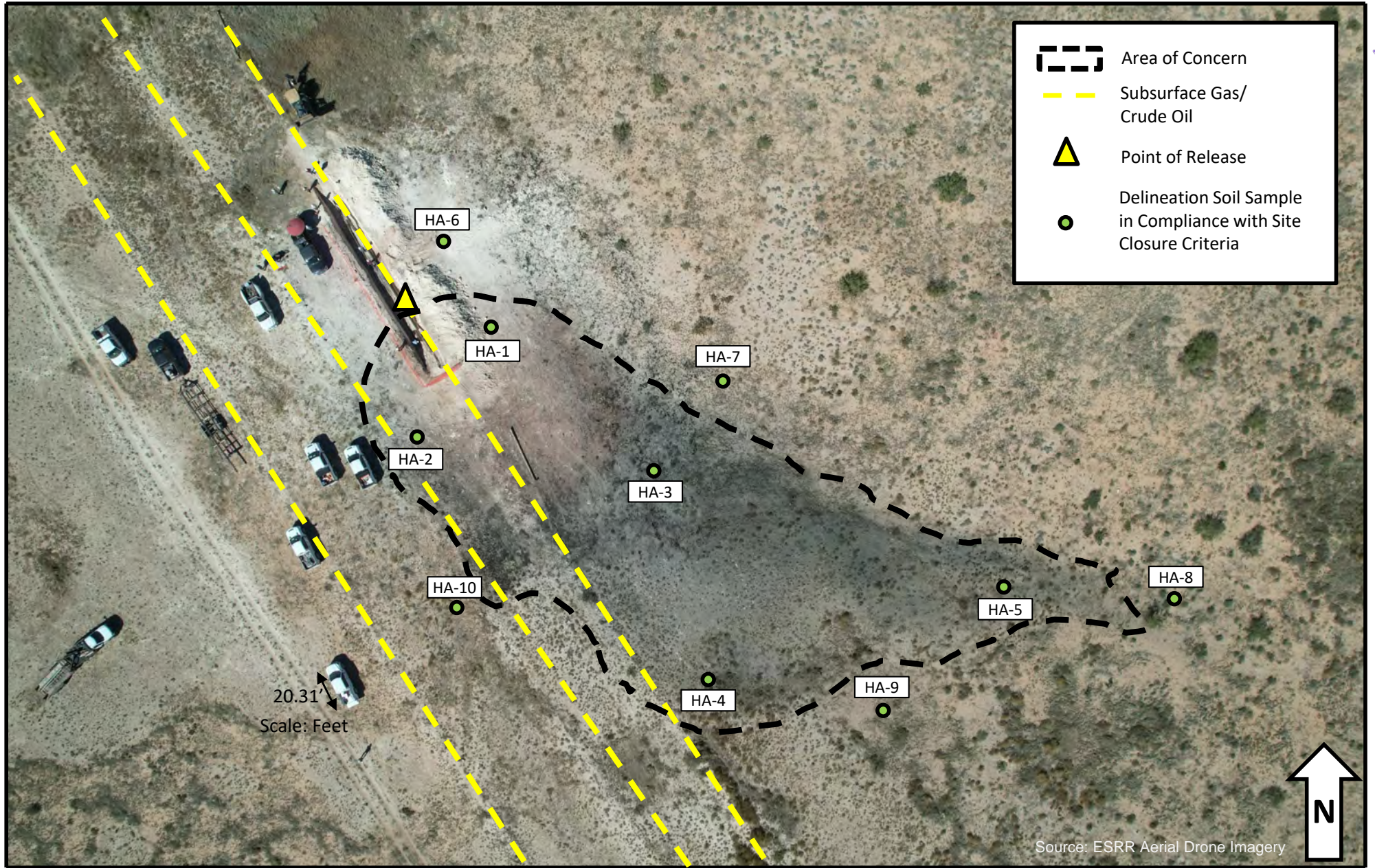


Figure 2 – Delineation Soil Sample Locations

Kinetik Midstream – Buffalo Valley 8"
GPS: 33.035482°, -104.165093°
Chaves County, New Mexico



Figure 3 – Restoration Area
 Kinetik Midstream – Buffalo Valley 8"
 GPS: 33.035482°, -104.165093°
 Chaves County, New Mexico



STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well HOWARD BIRCHFIELD Owner's Well No. _____
Street or Post Office Address P.O. Box 250
City and State HIGGERMAN, N.M. 88232 - 20250

Well was drilled under Permit No. RA-9059 and is located in the:
a. NE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 18 Township 15 S Range 28 E. N.M. P.M.
b. Tract No. _____ of Map No. _____ of the _____
c. Lot No. _____ of Block No. _____ of the _____
Subdivision, recorded in CHAVES County.
d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in
the _____ Grant.

(B) Drilling Contractor RAYMOND ANDERSON License No. WD-1344
Address 20 E. ANASAGI RD. DEETER, N.M. 88230

Drilling Began 11-13-95 Completed 1-15-96 Type tools CABLE Size of hole 7 1/2" in.
Elevation of land surface or _____ at well is _____ ft. Total depth of well 110" ft.
Completed well is shallow artesian. Depth to water upon completion of well 35' ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
From	To			
<u>60</u>	<u>65</u>	<u>5</u>	<u>SAND GRAVEL</u>	<u>1 GPM</u>

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet		Length (feet)	Type of Shoe	Perforations	
			Top	Bottom			From	To
<u>4 1/2</u>	<u>P.V.C.</u>	<u>WELL CASING</u>	<u>90'</u>	<u>90'</u>	<u>90'</u>		<u>30'</u>	<u>90'</u>

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet		Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
From	To				
			<u>2 SACKS CONCRETE</u>		<u>MIX POUR</u>

Section 5. PLUGGING RECORD

FEB - 8 1996

Plugging Contractor _____
Address _____
Plugging Method _____
Date Well Plugged _____
Plugging approved by: _____
State Engineer Representative

No.	Depth in Feet		Cubic Feet of Cement
	Top	Bottom	
<u>1</u>			
<u>2</u>			
<u>3</u>			
<u>4</u>			

Date Received February 8, 1996 FOR USE OF STATE ENGINEER ONLY
Quad _____ FWL _____ FSL _____
File No. RA-9059 Use Dom/Stk Location No. 15S.28E.18.221244

Buffalo Valley 8" - Closure Request Report
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PHOTO 1: Northwestern view during the inadvertent venting. 10/17/2025



PHOTO 2: Southeastern view during initial site assessment activities. 10/20/2025

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PHOTO 3: Southwestern view during initial site assessment activities. 10/24/2025



PHOTO 4: Northern view during delineation activities. 10/24/2025

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PHOTO 5: Northwestern view during delineation activities. 10/24/2025



PHOTO 6: Northern view during delineation activities. 10/24/2025

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PHOTO 7: Northern view during delineation activities. 10/24/2025



PHOTO 8: Northern view during delineation activities. 10/24/2025

Buffalo Valley 8" - Closure Request Report
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PHOTO 9: Northern view during delineation activities. 10/24/2025



PHOTO 10: Northern view during delineation activities. 10/24/2025

Buffalo Valley 8" - Closure Request Report
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PHOTO 11: Northern view during delineation activities. 10/24/2025



PHOTO 12: Northern view during delineation activities. 10/24/2025

Buffalo Valley 8" - Closure Request Report
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PHOTO 13: Northwestern view during restoration activities. 11/20/2025



PHOTO 14: Northwestern view following restoration activities. 11/21/2025

Buffalo Valley 8" - Closure Request Report
Incident Number: nAPP2529335946
GPS: 33.035482°, -104.165093°



PHOTO 15: Southwestern view following restoration activities. 11/21/2025

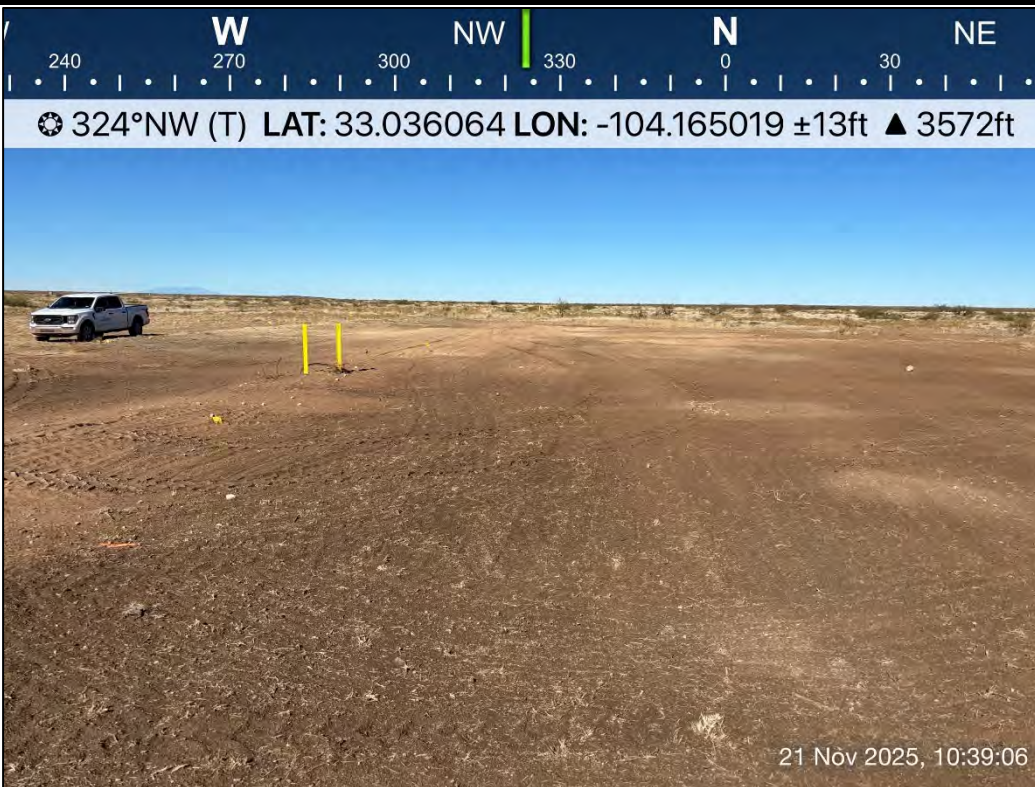


PHOTO 16: Northwestern view following restoration activities. 11/21/2025



Table 1
SOIL SAMPLE ANALYTICAL RESULTS
Buffalo Valley 8"
Chaves County, New Mexico



Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)	
NMOCD Table I Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)			10	50	NE	NE	NE	100	600	
Delineation Soil Samples - nAPP2529335946										
HA-1	10/24/2025	0.5	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<100	
HA-1	10/24/2025	1	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<200	
HA-2	10/24/2025	0.5	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	81.1	
HA-2	10/24/2025	1	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0	
HA-3	10/24/2025	0.5	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	218	
HA-3	10/24/2025	1	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<100	
HA-4	10/24/2025	0.5	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<100	
HA-4	10/24/2025	1	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<200	
HA-5	10/24/2025	0.5	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<100	
HA-5	10/24/2025	1	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<100	
HA-6	10/24/2025	0.5	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<100	
HA-7	10/24/2025	0.5	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0	
HA-8	10/24/2025	0.5	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<40.0	
HA-9	10/24/2025	0.5	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0	
HA-10	10/24/2025	0.5	<0.0250	<0.0250	<20.0	<25.0	<50.0	<95.0	<100	

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
 NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code
 Text in "grey" represents excavated soil samples
 Concentrations in **bold and highlighted** exceed the NMOCD Table I Closure Criteria and/or Reclamation Standard* for Soils Impacted by a Release
 *The reclamation 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.

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

QUESTIONS

Action 518948

QUESTIONS

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 518948
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2529335946
Incident Name	NAPP2529335946 BUFFALO VALLEY 8" @ FAPP2123229442
Incident Type	Natural Gas Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2123229442] Frontier Field Services Gathering System

Location of Release Source	
Site Name	Buffalo Valley 8"
Date Release Discovered	10/17/2025
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	25,000
What is the estimated number of samples that will be gathered	20
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/24/2025
Time sampling will commence	12:00 PM
Please provide any information necessary for observers to contact samplers	Gilbert Moreno (832) 541-7719
Please provide any information necessary for navigation to sampling site	33.035482, -104.165093

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 518948

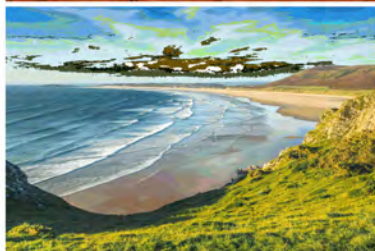
CONDITIONS

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 518948
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
sorozco	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.	10/22/2025
sorozco	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.	10/22/2025

Report to:
Gilbert Moreno



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Earth Systems

Project Name: Buffalo Valley 8" 7626

Work Order: E510322

Job Number: 24064-0001

Received: 10/28/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/31/25

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: 10/31/25



Gilbert Moreno
1910 Resource Ct
Carlsbad, NM 88220

Project Name: Buffalo Valley 8" 7626
Workorder: E510322
Date Received: 10/28/2025 8:00:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/28/2025 8:00:00AM, under the Project Name: Buffalo Valley 8" 7626.

The analytical test results summarized in this report with the Project Name: Buffalo Valley 8" 7626 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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Client Representative
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Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 10/31/25 10:05
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
HA-1 0.5	E510322-01A	Soil	10/24/25	10/28/25	Glass Jar, 2 oz.
HA-1 1	E510322-02A	Soil	10/24/25	10/28/25	Glass Jar, 2 oz.
HA-2 0.5	E510322-03A	Soil	10/24/25	10/28/25	Glass Jar, 2 oz.
HA-2 1	E510322-04A	Soil	10/24/25	10/28/25	Glass Jar, 2 oz.
HA-3 0.5	E510322-05A	Soil	10/24/25	10/28/25	Glass Jar, 2 oz.
HA-3 1	E510322-06A	Soil	10/24/25	10/28/25	Glass Jar, 2 oz.
HA-4 0.5	E510322-07A	Soil	10/24/25	10/28/25	Glass Jar, 2 oz.
HA-4 1	E510322-08A	Soil	10/24/25	10/28/25	Glass Jar, 2 oz.
HA-5 0.5	E510322-09A	Soil	10/24/25	10/28/25	Glass Jar, 2 oz.
HA-5 1	E510322-10A	Soil	10/24/25	10/28/25	Glass Jar, 2 oz.



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 10/31/2025 10:05:11AM
---	---	---

HA-1 0.5
E510322-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2544040	
Benzene	ND	0.0250	1	10/28/25	10/28/25	
Ethylbenzene	ND	0.0250	1	10/28/25	10/28/25	
Toluene	ND	0.0250	1	10/28/25	10/28/25	
o-Xylene	ND	0.0250	1	10/28/25	10/28/25	
p,m-Xylene	ND	0.0500	1	10/28/25	10/28/25	
Total Xylenes	ND	0.0250	1	10/28/25	10/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		98.1 %	70-130	10/28/25	10/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2544040	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/28/25	10/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.0 %	70-130	10/28/25	10/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM		Batch: 2544069	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/28/25	10/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/28/25	10/28/25	
<i>Surrogate: n-Nonane</i>						
		113 %	61-141	10/28/25	10/28/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2544125	
Chloride	ND	100	5	10/30/25	10/30/25	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 10/31/2025 10:05:11AM
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HA-1 1

E510322-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2544040
Benzene	ND	0.0250	1	10/28/25	10/28/25	
Ethylbenzene	ND	0.0250	1	10/28/25	10/28/25	
Toluene	ND	0.0250	1	10/28/25	10/28/25	
o-Xylene	ND	0.0250	1	10/28/25	10/28/25	
p,m-Xylene	ND	0.0500	1	10/28/25	10/28/25	
Total Xylenes	ND	0.0250	1	10/28/25	10/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.8 %	70-130	10/28/25	10/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2544040
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/28/25	10/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.9 %	70-130	10/28/25	10/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2544069
Diesel Range Organics (C10-C28)	ND	25.0	1	10/28/25	10/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/28/25	10/28/25	
<i>Surrogate: n-Nonane</i>		98.4 %	61-141	10/28/25	10/28/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2544125
Chloride	ND	200	10	10/30/25	10/30/25	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 10/31/2025 10:05:11AM
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HA-2 0.5
E510322-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2544040
Benzene	ND	0.0250	1	10/28/25	10/28/25	
Ethylbenzene	ND	0.0250	1	10/28/25	10/28/25	
Toluene	ND	0.0250	1	10/28/25	10/28/25	
o-Xylene	ND	0.0250	1	10/28/25	10/28/25	
p,m-Xylene	ND	0.0500	1	10/28/25	10/28/25	
Total Xylenes	ND	0.0250	1	10/28/25	10/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	10/28/25	10/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2544040
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/28/25	10/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.0 %	70-130	10/28/25	10/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2544069
Diesel Range Organics (C10-C28)	ND	25.0	1	10/28/25	10/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/28/25	10/28/25	
<i>Surrogate: n-Nonane</i>		105 %	61-141	10/28/25	10/28/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2544125
Chloride	81.1	40.0	2	10/30/25	10/30/25	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 10/31/2025 10:05:11AM
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HA-2 1

E510322-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2544040
Benzene	ND	0.0250	1	10/28/25	10/28/25	
Ethylbenzene	ND	0.0250	1	10/28/25	10/28/25	
Toluene	ND	0.0250	1	10/28/25	10/28/25	
o-Xylene	ND	0.0250	1	10/28/25	10/28/25	
p,m-Xylene	ND	0.0500	1	10/28/25	10/28/25	
Total Xylenes	ND	0.0250	1	10/28/25	10/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	10/28/25	10/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2544040
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/28/25	10/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.6 %	70-130	10/28/25	10/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2544069
Diesel Range Organics (C10-C28)	ND	25.0	1	10/28/25	10/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/28/25	10/28/25	
<i>Surrogate: n-Nonane</i>		100 %	61-141	10/28/25	10/28/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2544125
Chloride	ND	20.0	1	10/30/25	10/30/25	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 10/31/2025 10:05:11AM
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HA-3 0.5
E510322-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2544040
Benzene	ND	0.0250	1	10/28/25	10/28/25	
Ethylbenzene	ND	0.0250	1	10/28/25	10/28/25	
Toluene	ND	0.0250	1	10/28/25	10/28/25	
o-Xylene	ND	0.0250	1	10/28/25	10/28/25	
p,m-Xylene	ND	0.0500	1	10/28/25	10/28/25	
Total Xylenes	ND	0.0250	1	10/28/25	10/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.2 %	70-130	10/28/25	10/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2544040
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/28/25	10/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.1 %	70-130	10/28/25	10/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2544069
Diesel Range Organics (C10-C28)	ND	25.0	1	10/28/25	10/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/28/25	10/28/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	10/28/25	10/28/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2544125
Chloride	218	20.0	1	10/30/25	10/30/25	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 10/31/2025 10:05:11AM
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HA-3 1

E510322-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2544040
Benzene	ND	0.0250	1	10/28/25	10/28/25	
Ethylbenzene	ND	0.0250	1	10/28/25	10/28/25	
Toluene	ND	0.0250	1	10/28/25	10/28/25	
o-Xylene	ND	0.0250	1	10/28/25	10/28/25	
p,m-Xylene	ND	0.0500	1	10/28/25	10/28/25	
Total Xylenes	ND	0.0250	1	10/28/25	10/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	10/28/25	10/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2544040
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/28/25	10/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.0 %	70-130	10/28/25	10/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2544069
Diesel Range Organics (C10-C28)	ND	25.0	1	10/28/25	10/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/28/25	10/29/25	
<i>Surrogate: n-Nonane</i>		99.8 %	61-141	10/28/25	10/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2544125
Chloride	ND	100	5	10/30/25	10/30/25	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 10/31/2025 10:05:11AM
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HA-4 0.5

E510322-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2544040
Benzene	ND	0.0250	1	10/28/25	10/28/25	
Ethylbenzene	ND	0.0250	1	10/28/25	10/28/25	
Toluene	ND	0.0250	1	10/28/25	10/28/25	
o-Xylene	ND	0.0250	1	10/28/25	10/28/25	
p,m-Xylene	ND	0.0500	1	10/28/25	10/28/25	
Total Xylenes	ND	0.0250	1	10/28/25	10/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	10/28/25	10/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2544040
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/28/25	10/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.3 %	70-130	10/28/25	10/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2544069
Diesel Range Organics (C10-C28)	ND	25.0	1	10/28/25	10/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/28/25	10/29/25	
<i>Surrogate: n-Nonane</i>		100 %	61-141	10/28/25	10/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2544125
Chloride	ND	100	5	10/30/25	10/30/25	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 10/31/2025 10:05:11AM
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HA-4 1

E510322-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2544040
Benzene	ND	0.0250	1	10/28/25	10/28/25	
Ethylbenzene	ND	0.0250	1	10/28/25	10/28/25	
Toluene	ND	0.0250	1	10/28/25	10/28/25	
o-Xylene	ND	0.0250	1	10/28/25	10/28/25	
p,m-Xylene	ND	0.0500	1	10/28/25	10/28/25	
Total Xylenes	ND	0.0250	1	10/28/25	10/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	10/28/25	10/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2544040
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/28/25	10/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.9 %	70-130	10/28/25	10/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2544069
Diesel Range Organics (C10-C28)	ND	25.0	1	10/28/25	10/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/28/25	10/29/25	
<i>Surrogate: n-Nonane</i>		104 %	61-141	10/28/25	10/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2544125
Chloride	ND	200	10	10/30/25	10/30/25	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 10/31/2025 10:05:11AM
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HA-5 0.5

E510322-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2544040
Benzene	ND	0.0250	1	10/28/25	10/28/25	
Ethylbenzene	ND	0.0250	1	10/28/25	10/28/25	
Toluene	ND	0.0250	1	10/28/25	10/28/25	
o-Xylene	ND	0.0250	1	10/28/25	10/28/25	
p,m-Xylene	ND	0.0500	1	10/28/25	10/28/25	
Total Xylenes	ND	0.0250	1	10/28/25	10/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	10/28/25	10/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2544040
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/28/25	10/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.0 %	70-130	10/28/25	10/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2544069
Diesel Range Organics (C10-C28)	ND	25.0	1	10/28/25	10/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/28/25	10/29/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	10/28/25	10/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2544125
Chloride	ND	100	5	10/30/25	10/30/25	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 10/31/2025 10:05:11AM
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HA-5 1

E510322-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2544040
Benzene	ND	0.0250	1	10/28/25	10/28/25	
Ethylbenzene	ND	0.0250	1	10/28/25	10/28/25	
Toluene	ND	0.0250	1	10/28/25	10/28/25	
o-Xylene	ND	0.0250	1	10/28/25	10/28/25	
p,m-Xylene	ND	0.0500	1	10/28/25	10/28/25	
Total Xylenes	ND	0.0250	1	10/28/25	10/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	10/28/25	10/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2544040
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/28/25	10/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.1 %	70-130	10/28/25	10/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2544069
Diesel Range Organics (C10-C28)	ND	25.0	1	10/28/25	10/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/28/25	10/29/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	10/28/25	10/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2544125
Chloride	ND	100	5	10/30/25	10/30/25	



QC Summary Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 10/31/2025 10:05:11AM
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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 (2544040-BLK1)

Prepared: 10/28/25 Analyzed: 10/28/25

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	7.81		8.00		97.6	70-130			

LCS (2544040-BS1)

Prepared: 10/28/25 Analyzed: 10/28/25

Benzene	5.02	0.0250	5.00		100	70-130			
Ethylbenzene	4.83	0.0250	5.00		96.6	70-130			
Toluene	4.96	0.0250	5.00		99.2	70-130			
o-Xylene	4.92	0.0250	5.00		98.4	70-130			
p,m-Xylene	9.87	0.0500	10.0		98.7	70-130			
Total Xylenes	14.8	0.0250	15.0		98.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.63		8.00		95.3	70-130			

Matrix Spike (2544040-MS1)

Source: E510322-05

Prepared: 10/28/25 Analyzed: 10/28/25

Benzene	5.50	0.0250	5.00	ND	110	70-130			
Ethylbenzene	5.32	0.0250	5.00	ND	106	70-130			
Toluene	5.43	0.0250	5.00	ND	109	70-130			
o-Xylene	5.32	0.0250	5.00	ND	106	70-130			
p,m-Xylene	10.8	0.0500	10.0	ND	108	70-130			
Total Xylenes	16.2	0.0250	15.0	ND	108	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.79		8.00		97.4	70-130			

Matrix Spike Dup (2544040-MSD1)

Source: E510322-05

Prepared: 10/28/25 Analyzed: 10/28/25

Benzene	4.87	0.0250	5.00	ND	97.4	70-130	12.2	27	
Ethylbenzene	4.71	0.0250	5.00	ND	94.2	70-130	12.1	26	
Toluene	4.81	0.0250	5.00	ND	96.1	70-130	12.2	20	
o-Xylene	4.71	0.0250	5.00	ND	94.2	70-130	12.1	25	
p,m-Xylene	9.64	0.0500	10.0	ND	96.4	70-130	11.8	23	
Total Xylenes	14.4	0.0250	15.0	ND	95.7	70-130	11.9	26	
Surrogate: 4-Bromochlorobenzene-PID	7.92		8.00		99.0	70-130			



QC Summary Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 10/31/2025 10:05:11AM
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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 (2544040-BLK1)

Prepared: 10/28/25 Analyzed: 10/28/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.28		8.00		91.0	70-130			

LCS (2544040-BS2)

Prepared: 10/28/25 Analyzed: 10/28/25

Gasoline Range Organics (C6-C10)	60.0	20.0	50.0		120	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.47		8.00		93.3	70-130			

Matrix Spike (2544040-MS2)

Source: E510322-05

Prepared: 10/28/25 Analyzed: 10/28/25

Gasoline Range Organics (C6-C10)	60.3	20.0	50.0	ND	121	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.49		8.00		93.6	70-130			

Matrix Spike Dup (2544040-MSD2)

Source: E510322-05

Prepared: 10/28/25 Analyzed: 10/28/25

Gasoline Range Organics (C6-C10)	56.9	20.0	50.0	ND	114	70-130	5.82	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.43		8.00		92.8	70-130			



QC Summary Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 10/31/2025 10:05:11AM
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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 (2544069-BLK1)

Prepared: 10/28/25 Analyzed: 10/28/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.5		50.0		103	61-141			

LCS (2544069-BS1)

Prepared: 10/28/25 Analyzed: 10/28/25

Diesel Range Organics (C10-C28)	256	25.0	250		103	66-144			
Surrogate: n-Nonane	50.6		50.0		101	61-141			

Matrix Spike (2544069-MS1)

Source: E510322-09

Prepared: 10/28/25 Analyzed: 10/28/25

Diesel Range Organics (C10-C28)	250	25.0	250	ND	100	56-156			
Surrogate: n-Nonane	49.5		50.0		98.9	61-141			

Matrix Spike Dup (2544069-MSD1)

Source: E510322-09

Prepared: 10/28/25 Analyzed: 10/28/25

Diesel Range Organics (C10-C28)	253	25.0	250	ND	101	56-156	1.02	20	
Surrogate: n-Nonane	49.4		50.0		98.9	61-141			



QC Summary Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 10/31/2025 10:05:11AM
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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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2544125-BLK1)

Prepared: 10/30/25 Analyzed: 10/30/25

Chloride ND 20.0

LCS (2544125-BS1)

Prepared: 10/30/25 Analyzed: 10/30/25

Chloride 256 20.0 250 103 90-110

Matrix Spike (2544125-MS1)

Source: E510322-04

Prepared: 10/30/25 Analyzed: 10/30/25

Chloride 259 20.0 250 ND 104 80-120

Matrix Spike Dup (2544125-MSD1)

Source: E510322-04

Prepared: 10/30/25 Analyzed: 10/30/25

Chloride 259 20.0 250 ND 104 80-120 0.106 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

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 10/31/25 10:05
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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 40		State						
Client: Earth Systems R & R				Company: Earth Systems R & R				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX	
Project Name: Buffalo Valley 8" 7626				Address: 1910 Resource Ct				E510322		24004-001					X	X				
Project Manager: Gilbert Moreno				City, State, Zip: Carlsbad, NM 88220																
Address: 1910 Resource Ct				Phone: 832-541-7719																
City, State, Zip: Carlsbad NM, 88220				Email: gmoreno@earthsys.net																
Phone: 832-541-7719				Work for: Kinetik Midstream																
Email: gmoreno@earthsys.net, sgron@earthsys.net																				
Sample Information										Analysis and Method					EPA Program					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	Depth (ft)	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Cation/Anion Pkg	Rush-24 HR TAT	SDWA	CWA	RCRA	
12:00	10/24/2025	S	1	HA - 1		1		0.5				X								
12:05	10/24/2025	S	1	HA - 1		2		1				X								
12:10	10/24/2025	S	1	HA - 2		3		0.5				X								
12:15	10/24/2025	S	1	HA - 2		4		1				X								
12:20	10/24/2025	S	1	HA - 3		5		0.5				X								
12:25	10/24/2025	S	1	HA - 3		6		1				X								
12:30	10/24/2025	S	1	HA - 4		7		0.5				X								
12:35	10/24/2025	S	1	HA - 4		8		1				X								
12:40	10/24/2025	S	1	HA - 5		9		0.5				X								
12:45	10/24/2025	S	1	HA - 5		10		1				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: SG																				
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 in ice at an avg temp above 0 but less than 6 °C on subsequent days.												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time													
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.																				

Released to Imaging: 5/11/2026 10:47:05 AM

Page 20 of 21

Received by OCD: 4/22/2026 1:44:27 PM

Page 342 of 367



Envirotech Analytical Laboratory

Printed: 10/28/2025 9:46:16AM

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: Earth Systems Date Received: 10/28/25 08:00 Work Order ID: E510322
Phone: 832-541-7719 Date Logged In: 10/27/25 16:09 Logged In By: Caitlin Mars
Email: gmoreno@earthsys.net Due Date: 10/30/25 17:00 (2 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

Empty box for client instruction.

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

Date



envirotech Inc.

Report to:
Gilbert Moreno



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Earth Systems

Project Name: Buffalo Valley 8" 7626

Work Order: E510321

Job Number: 24064-0001

Received: 10/28/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/31/25

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: 10/31/25

Gilbert Moreno
1910 Resource Ct
Carlsbad, NM 88220

Project Name: Buffalo Valley 8" 7626
Workorder: E510321
Date Received: 10/28/2025 8:00:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/28/2025 8:00:00AM, under the Project Name: Buffalo Valley 8" 7626.

The analytical test results summarized in this report with the Project Name: Buffalo Valley 8" 7626 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

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 10/31/25 08:40
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
HA-6 0.5	E510321-01A	Soil	10/24/25	10/28/25	Glass Jar, 2 oz.
HA-7 0.5	E510321-02A	Soil	10/24/25	10/28/25	Glass Jar, 2 oz.
HA-8 0.5	E510321-03A	Soil	10/24/25	10/28/25	Glass Jar, 2 oz.
HA-9 0.5	E510321-04A	Soil	10/24/25	10/28/25	Glass Jar, 2 oz.
HA-10 0.5	E510321-05A	Soil	10/24/25	10/28/25	Glass Jar, 2 oz.



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 10/31/2025 8:40:23AM
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HA-6 0.5
E510321-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: SL		Batch: 2544044	
Benzene	ND	0.0250	1	10/28/25	10/29/25	
Ethylbenzene	ND	0.0250	1	10/28/25	10/29/25	
Toluene	ND	0.0250	1	10/28/25	10/29/25	
o-Xylene	ND	0.0250	1	10/28/25	10/29/25	
p,m-Xylene	ND	0.0500	1	10/28/25	10/29/25	
Total Xylenes	ND	0.0250	1	10/28/25	10/29/25	

<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	10/28/25	10/29/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92.6 %	70-130	10/28/25	10/29/25	
<i>Surrogate: Toluene-d8</i>		98.5 %	70-130	10/28/25	10/29/25	

Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2544044	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/28/25	10/29/25	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	10/28/25	10/29/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92.6 %	70-130	10/28/25	10/29/25	
<i>Surrogate: Toluene-d8</i>		98.5 %	70-130	10/28/25	10/29/25	

Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM		Batch: 2544069	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/28/25	10/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/28/25	10/28/25	
<i>Surrogate: n-Nonane</i>		115 %	61-141	10/28/25	10/28/25	

Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2544051	
Chloride	ND	100	5	10/28/25	10/29/25	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 10/31/2025 8:40:23AM
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HA-7 0.5

E510321-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: SL		Batch: 2544044
Benzene	ND	0.0250	1	10/28/25	10/29/25	
Ethylbenzene	ND	0.0250	1	10/28/25	10/29/25	
Toluene	ND	0.0250	1	10/28/25	10/29/25	
o-Xylene	ND	0.0250	1	10/28/25	10/29/25	
p,m-Xylene	ND	0.0500	1	10/28/25	10/29/25	
Total Xylenes	ND	0.0250	1	10/28/25	10/29/25	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	10/28/25	10/29/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.5 %	70-130	10/28/25	10/29/25	
<i>Surrogate: Toluene-d8</i>		96.2 %	70-130	10/28/25	10/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2544044
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/28/25	10/29/25	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	10/28/25	10/29/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.5 %	70-130	10/28/25	10/29/25	
<i>Surrogate: Toluene-d8</i>		96.2 %	70-130	10/28/25	10/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2544069
Diesel Range Organics (C10-C28)	ND	25.0	1	10/28/25	10/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/28/25	10/28/25	
<i>Surrogate: n-Nonane</i>		97.1 %	61-141	10/28/25	10/28/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2544051
Chloride	ND	20.0	1	10/28/25	10/29/25	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 10/31/2025 8:40:23AM
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HA-8 0.5
E510321-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: SL		Batch: 2544044
Benzene	ND	0.0250	1	10/28/25	10/29/25	
Ethylbenzene	ND	0.0250	1	10/28/25	10/29/25	
Toluene	ND	0.0250	1	10/28/25	10/29/25	
o-Xylene	ND	0.0250	1	10/28/25	10/29/25	
p,m-Xylene	ND	0.0500	1	10/28/25	10/29/25	
Total Xylenes	ND	0.0250	1	10/28/25	10/29/25	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	10/28/25	10/29/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.3 %	70-130	10/28/25	10/29/25	
<i>Surrogate: Toluene-d8</i>		98.1 %	70-130	10/28/25	10/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2544044
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/28/25	10/29/25	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	10/28/25	10/29/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.3 %	70-130	10/28/25	10/29/25	
<i>Surrogate: Toluene-d8</i>		98.1 %	70-130	10/28/25	10/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2544069
Diesel Range Organics (C10-C28)	ND	25.0	1	10/28/25	10/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/28/25	10/28/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	10/28/25	10/28/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2544051
Chloride	ND	40.0	2	10/28/25	10/29/25	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 10/31/2025 8:40:23AM
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HA-9 0.5

E510321-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: SL		Batch: 2544044
Benzene	ND	0.0250	1	10/28/25	10/29/25	
Ethylbenzene	ND	0.0250	1	10/28/25	10/29/25	
Toluene	ND	0.0250	1	10/28/25	10/29/25	
o-Xylene	ND	0.0250	1	10/28/25	10/29/25	
p,m-Xylene	ND	0.0500	1	10/28/25	10/29/25	
Total Xylenes	ND	0.0250	1	10/28/25	10/29/25	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	10/28/25	10/29/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.3 %	70-130	10/28/25	10/29/25	
<i>Surrogate: Toluene-d8</i>		97.0 %	70-130	10/28/25	10/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2544044
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/28/25	10/29/25	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	10/28/25	10/29/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.3 %	70-130	10/28/25	10/29/25	
<i>Surrogate: Toluene-d8</i>		97.0 %	70-130	10/28/25	10/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2544069
Diesel Range Organics (C10-C28)	ND	25.0	1	10/28/25	10/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/28/25	10/28/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	10/28/25	10/28/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2544051
Chloride	ND	20.0	1	10/28/25	10/29/25	



Sample Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 10/31/2025 8:40:23AM
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HA-10 0.5

E510321-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: SL		Batch: 2544044
Benzene	ND	0.0250	1	10/28/25	10/29/25	
Ethylbenzene	ND	0.0250	1	10/28/25	10/29/25	
Toluene	ND	0.0250	1	10/28/25	10/29/25	
o-Xylene	ND	0.0250	1	10/28/25	10/29/25	
p,m-Xylene	ND	0.0500	1	10/28/25	10/29/25	
Total Xylenes	ND	0.0250	1	10/28/25	10/29/25	
<i>Surrogate: Bromofluorobenzene</i>		106 %	70-130	10/28/25	10/29/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92.9 %	70-130	10/28/25	10/29/25	
<i>Surrogate: Toluene-d8</i>		98.0 %	70-130	10/28/25	10/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2544044
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/28/25	10/29/25	
<i>Surrogate: Bromofluorobenzene</i>		106 %	70-130	10/28/25	10/29/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92.9 %	70-130	10/28/25	10/29/25	
<i>Surrogate: Toluene-d8</i>		98.0 %	70-130	10/28/25	10/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2544069
Diesel Range Organics (C10-C28)	ND	25.0	1	10/28/25	10/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/28/25	10/28/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	10/28/25	10/28/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2544051
Chloride	ND	100	5	10/28/25	10/29/25	



QC Summary Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 10/31/2025 8:40:23AM
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Volatile Organic Compounds by EPA 8260B

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 (2544044-BLK1)

Prepared: 10/28/25 Analyzed: 10/29/25

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	0.515		0.500		103		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.430		0.500		86.0		70-130		
Surrogate: Toluene-d8	0.486		0.500		97.1		70-130		

LCS (2544044-BS1)

Prepared: 10/28/25 Analyzed: 10/29/25

Benzene	2.36	0.0250	2.50		94.4		70-130		
Ethylbenzene	2.35	0.0250	2.50		94.2		70-130		
Toluene	2.31	0.0250	2.50		92.4		70-130		
o-Xylene	2.32	0.0250	2.50		92.6		70-130		
p,m-Xylene	4.75	0.0500	5.00		95.0		70-130		
Total Xylenes	7.06	0.0250	7.50		94.2		70-130		
Surrogate: Bromofluorobenzene	0.513		0.500		103		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.463		0.500		92.6		70-130		
Surrogate: Toluene-d8	0.485		0.500		97.0		70-130		

Matrix Spike (2544044-MS1)

Source: E510321-03

Prepared: 10/28/25 Analyzed: 10/29/25

Benzene	2.57	0.0250	2.50	ND	103		48-131		
Ethylbenzene	2.56	0.0250	2.50	ND	102		45-135		
Toluene	2.49	0.0250	2.50	ND	99.8		48-130		
o-Xylene	2.50	0.0250	2.50	ND	100		43-135		
p,m-Xylene	5.13	0.0500	5.00	ND	103		43-135		
Total Xylenes	7.63	0.0250	7.50	ND	102		43-135		
Surrogate: Bromofluorobenzene	0.518		0.500		104		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.478		0.500		95.6		70-130		
Surrogate: Toluene-d8	0.480		0.500		96.0		70-130		

Matrix Spike Dup (2544044-MSD1)

Source: E510321-03

Prepared: 10/28/25 Analyzed: 10/29/25

Benzene	2.53	0.0250	2.50	ND	101		48-131	1.57	23
Ethylbenzene	2.48	0.0250	2.50	ND	99.0		45-135	3.28	27
Toluene	2.42	0.0250	2.50	ND	96.7		48-130	3.16	24
o-Xylene	2.53	0.0250	2.50	ND	101		43-135	1.23	27
p,m-Xylene	5.16	0.0500	5.00	ND	103		43-135	0.573	27
Total Xylenes	7.69	0.0250	7.50	ND	103		43-135	0.789	27
Surrogate: Bromofluorobenzene	0.517		0.500		103		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.467		0.500		93.3		70-130		
Surrogate: Toluene-d8	0.476		0.500		95.1		70-130		



QC Summary Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 10/31/2025 8:40:23AM
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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 (2544044-BLK1)

Prepared: 10/28/25 Analyzed: 10/29/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.515		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.430		0.500		86.0	70-130			
Surrogate: Toluene-d8	0.486		0.500		97.1	70-130			

LCS (2544044-BS2)

Prepared: 10/28/25 Analyzed: 10/29/25

Gasoline Range Organics (C6-C10)	51.6	20.0	50.0		103	70-130			
Surrogate: Bromofluorobenzene	0.525		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.467		0.500		93.3	70-130			
Surrogate: Toluene-d8	0.498		0.500		99.5	70-130			

Matrix Spike (2544044-MS2)

Source: E510321-03

Prepared: 10/28/25 Analyzed: 10/29/25

Gasoline Range Organics (C6-C10)	52.3	20.0	50.0	ND	105	70-130			
Surrogate: Bromofluorobenzene	0.531		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.446		0.500		89.1	70-130			
Surrogate: Toluene-d8	0.485		0.500		96.9	70-130			

Matrix Spike Dup (2544044-MSD2)

Source: E510321-03

Prepared: 10/28/25 Analyzed: 10/29/25

Gasoline Range Organics (C6-C10)	53.5	20.0	50.0	ND	107	70-130	2.21	20	
Surrogate: Bromofluorobenzene	0.529		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.452		0.500		90.4	70-130			
Surrogate: Toluene-d8	0.491		0.500		98.1	70-130			



QC Summary Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 10/31/2025 8:40:23AM
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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 (2544069-BLK1)

Prepared: 10/28/25 Analyzed: 10/28/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.5		50.0		103	61-141			

LCS (2544069-BS1)

Prepared: 10/28/25 Analyzed: 10/28/25

Diesel Range Organics (C10-C28)	256	25.0	250		103	66-144			
Surrogate: n-Nonane	50.6		50.0		101	61-141			

Matrix Spike (2544069-MS1)

Source: E510322-09

Prepared: 10/28/25 Analyzed: 10/28/25

Diesel Range Organics (C10-C28)	250	25.0	250	ND	100	56-156			
Surrogate: n-Nonane	49.5		50.0		98.9	61-141			

Matrix Spike Dup (2544069-MSD1)

Source: E510322-09

Prepared: 10/28/25 Analyzed: 10/28/25

Diesel Range Organics (C10-C28)	253	25.0	250	ND	101	56-156	1.02	20	
Surrogate: n-Nonane	49.4		50.0		98.9	61-141			



QC Summary Data

Earth Systems 1910 Resource Ct Carlsbad NM, 88220	Project Name: Buffalo Valley 8" 7626 Project Number: 24064-0001 Project Manager: Gilbert Moreno	Reported: 10/31/2025 8:40:23AM
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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 (2544051-BLK1)

Prepared: 10/28/25 Analyzed: 10/28/25

Chloride	ND	20.0							
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LCS (2544051-BS1)

Prepared: 10/28/25 Analyzed: 10/28/25

Chloride	249	20.0	250		99.4	90-110			
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Matrix Spike (2544051-MS1)

Source: E510299-45

Prepared: 10/28/25 Analyzed: 10/28/25

Chloride	1030	20.0	250	803	89.1	80-120			
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Matrix Spike Dup (2544051-MSD1)

Source: E510299-45

Prepared: 10/28/25 Analyzed: 10/28/25

Chloride	1050	20.0	250	803	97.2	80-120	1.95	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

Earth Systems	Project Name:	Buffalo Valley 8" 7626	
1910 Resource Ct	Project Number:	24064-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Gilbert Moreno	10/31/25 08:40

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 40		State							
Client: Earth Systems R & R		Company: Earth Systems R & R		Lab WO# E510321		Job Number 2404-001		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Buffalo Valley 8" 7626		Address: 1910 Resource Ct		City, State, Zip: Carlsbad, NM 88220							X	X			
Project Manager: Gilbert Moreno		Phone: 832-541-7719		Email: gmoreno@earthsys.net											
Address: 1910 Resource Ct		Work for: Kinetik Midstream													
City, State, Zip: Carlsbad NM, 88220															
Email: gmoreno@earthsys.net, sgron@earthsys.net															

Sample Information										Analysis and Method								EPA Program			Remarks	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field	Filter	Lab Number	DRO/ORO by 8015	Depth (ft)	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TEEQ 1005 - TX	RCRA 8 Metals	Cation/Anion Pkg	Ruth-24 HR TAT	SDWA	CWA	RCRA		
12:50	10/24/2025	S	1	HA - 6			1		0.5				X									Incident #:
12:55	10/24/2025	S	1	HA - 7			2		0.5				X									nAPP2529335946
13:00	10/24/2025	S	1	HA - 8			3		0.5				X									
13:05	10/24/2025	S	1	HA - 9			4		0.5				X									
13:10	10/24/2025	S	1	HA - 10			5		0.5				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: SG

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 in ice at an avg temp above 0 but less than 6 °C on subsequent days.
<i>[Signature]</i>	10-24-25	1430	Marissa Gonzalez	10-24-25	1430	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
Marissa Gonzalez	10-27-25	1900	Camden Briggs	10-27-25	1900	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Received on ice: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N
Camden Briggs	10-27-25	2300	Caitie Mann	10-28-25	800	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	T1 _____ T2 _____ T3 _____
						AVG Temp °C _____

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: 10/28/2025 9:40:48AM

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: Earth Systems Date Received: 10/28/25 08:00 Work Order ID: E510321
Phone: 832-541-7719 Date Logged In: 10/27/25 15:57 Logged In By: Caitlin Mars
Email: gmoreno@earthsys.net Due Date: 10/30/25 17:00 (2 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.

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 578251

QUESTIONS

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 578251
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2529335946
Incident Name	NAPP2529335946 BUFFALO VALLEY 8" @ FAPP2123229442
Incident Type	Natural Gas Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2123229442] Frontier Field Services Gathering System

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	Buffalo Valley 8"
Date Release Discovered	10/17/2025
Surface Owner	State

Incident Details	
<i>Please answer all the questions in this group.</i>	
Incident Type	Natural Gas Release
Did this release result in a fire or is the result of a fire	Yes
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Cause: Corrosion Pipeline (Any) Natural Gas Vented Released: 694 MCF Recovered: 0 MCF Lost: 694 MCF.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Due to internal and external corrosion, a hole developed in one of our high-pressure lines resulting in a release of natural gas, which resulted in a fire.

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QUESTIONS, Page 2

Action 578251

QUESTIONS (continued)

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 578251
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	Yes, according to supplied volumes this appears 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: (2) an unauthorized release of a volume that: (a) results in a fire or is the result of a fire; (3) an unauthorized release of gases exceeding 500 MCF.
<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	<i>Not answered.</i>

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: Ivan Jimenez Title: Environmental Tech Email: ijimenez@kinetik.com Date: 04/22/2026
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Santa Fe, NM 87505

QUESTIONS, Page 3

Action 578251

QUESTIONS (continued)

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 578251
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 26 and 50 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between ½ and 1 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1000 (ft.) and ½ (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 ½ and 1 (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1000 (ft.) and ½ (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1000 (ft.) and ½ (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
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)	133
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	504
GRO+DRO (EPA SW-846 Method 8015M)	176
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	04/08/2026
On what date will (or did) the final sampling or liner inspection occur	04/08/2026
On what date will (or was) the remediation complete(d)	04/09/2026
What is the estimated surface area (in square feet) that will be reclaimed	200
What is the estimated volume (in cubic yards) that will be reclaimed	10
What is the estimated surface area (in square feet) that will be remediated	200
What is the estimated volume (in cubic yards) that will be remediated	10

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.

Sante Fe Main Office
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QUESTIONS, Page 4

Action 578251

QUESTIONS (continued)

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 578251
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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	FEEM0112342028 LEA LAND 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: Ivan Jimenez Title: Environmental Tech Email: ijimenez@kinetik.com Date: 04/22/2026
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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.

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 5

Action 578251

QUESTIONS (continued)

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 578251
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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 578251

QUESTIONS (continued)

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 578251
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	571812
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/08/2026
What was the (estimated) number of samples that were to be gathered	3
What was the sampling surface area in square feet	200

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	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	200
What was the total volume (cubic yards) remediated	10
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	200
What was the total volume (in cubic yards) reclaimed	10
Summarize any additional remediation activities not included by answers (above)	The Site was restored to as close to its original state according to the Site Closure Criteria and Reclamation Standard. Total area reclaimed to date is estimated to be 20,200 square feet (see previously submitted Closure and Closure Addendum)

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement	Name: Ivan Jimenez Title: Environmental Tech Email: ijimenez@kinetik.com Date: 04/22/2026
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QUESTIONS, Page 7

Action 578251

QUESTIONS (continued)

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 578251
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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CONDITIONS

Action 578251

CONDITIONS

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 578251
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #nAPP2529335946 Buffalo Valley 8", thank you. This Remediation Closure Report is approved.	5/1/2026