



## Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

May 22, 2025

143 Diamond Ave  
Parachute, CO 81635  
970-285-2925

**Project Manager :** Blair Rollins  
**Project Name :** Love Ranch 8 Remediation  
**Project Number :** N/A

Attached are the analytical results for Love Ranch 8 Remediation N/A received by Elevation Diagnostics, Division of Environmental Testing on May 05, 2025. This is associated with Elevation's number AA22143 .

The results were analyzed under the guidelines of various methods. These methods are identified in the report as follows: "SW" is referring to the EPA's SW-846 Compendium; "EPA" is referring to 40 CFR part 136; "HACH" is referring to a method which was validated by HACH®; "SM" is referring to a revision of the Standard Methods For the Examination of Water and Wastewater; and "ASTM" is referring to the standard test method set forth by ASTM International.

The analytical results in this report apply specifically to the samples listed in the attached Chain of Custody. This report may only be duplicated in full.

Any deviations to sample integrity, method specifications, or Elevation Diagnostics's standard operating procedures are documented in the report below.

Please contact us for any questions or comments concerning the content of this report.

Thank you,

Elevation Diagnostics, Division of Environmental Testing





















## Chain of Custody Form

Client: QB Energy  
 Address: 143 Diamond Ave  
 City/State/ZIP: Parachute, CO 81635  
 Phone: (970) 640-6919  
 Project Contact: Blair Rollins

## Elevation Diagnostics

2115 North Scranton Street Suite 3040A Aurora, CO 80045  
 800.440.5184

Project Name/Number: Love Ranch 8 Remediation  
 Project Location: Love Ranch 8 - Groundwater  
 Collector Name: M. Schlageter, A. Caso

Sample ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix			Analysis Requested				Interim report requested			
					HCl	HNO <sub>3</sub>	None	Other	Water	Soil	Other	TABLE915 BTEX	TABLE915 SULFATE					<input type="checkbox"/> Yes <input type="checkbox"/> No	Notes
1	20250501-XTWP-(LR8-MW01)	2025-05-01	0955	5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2	20250501-XTWP-(LR8-MW02)	2025-05-01	1025	5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3	20250501-XTWP-(LR8-MW12)	2025-05-01	1040	5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4	20250501-XTWP-(LR8-PZ03)	2025-05-01	1055	5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
5	20250501-XTWP-(LR8-PZ05)	2025-05-01	1110	5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
6	20250501-XTWP-(LR8-PZ01)	2025-05-01	1355	5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
7	20250501-XTWP-(LR8-MW04)	2025-05-01	1345	5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
8	20250501-XTWP-(LR8-MW11)	2025-05-01	1315	5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
9	20250501-XTWP-(LR8-PZ02)	2025-05-01	1325	5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
10	20250501-XTWP-(LR8-MW10)	2025-05-01	1305	5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		


Relinquished By: MSOA  
 Date/Time: 5/2/2025 1000

Relinquished By:  
 Date/Time:

Relinquished By:  
 Date/Time:

Lab Use Only  
 Observed Temperature Upon Receipt: 20C  
 Corrected Temperature Upon Receipt: 33C  
 Thermometer #: FOX38  
 Correction Factor: 1.3C

Samples Intact: Yes ☒ No ☐  
 pH Checked: Yes ☒ No ☐  
 pH Adjusted: Yes ☒ No ☐  
 PFAS rec'd on ice: Yes ☒ No ☐  
 Name/Lot Number of Adjustment:

Lot/EQM Number: 2025-05-05-015-1  


EFOR-008.005

# Chain of Custody Form

Client: QB Energy

Address: 143 Diamond Ave

City/State/ZIP: Parachute, CO 81635

Phone: (970) 640-6919

Project Contact: Blair Rollins

# Elevation Diagnostics

2115 North Scranton Street Suite 3040A Aurora, CO 80045  
800.440.5184

Project Name/Number: Love Ranch 8 Remediation  
Project Location: Love Ranch 8 - Groundwater  
Collector Name: M.Schlageter, A. Caso

					Preservative				Matrix			Analysis Requested								Interim report requested			
Sample ID	Sample Description	Date Sampled	Time Sampled	# of containers	HCl	HNO <sub>3</sub>	None	Other	Water	Soil	Other	TABLE915 BTEX	TABLE915 SULFATE								<input type="checkbox"/> Yes <input type="checkbox"/> No		
																							Notes
1	20250501-XTWP-(LR8-MW03)	2025-05-01	1245	5	✓				✓			✓	✓										
2	20250501-XTWP-(LR8-MW14)	2025-05-01	1215	5	✓				✓			✓	✓										
3	20250501-XTWP-(LR8-MW17)	2025-05-01	1200	5	✓				✓			✓	✓										
4	20250501-XTWP-(LR8-MW18)	2025-05-01	1145	5	✓				✓			✓	✓										
5	20250501-XTWP-(LR8-MW13)	2025-05-01	1230	5	✓				✓			✓	✓										
6																							
7																							
8																							
9																							
10																							

Relinquished By: MSK

Date/Time: 5/2/2025 1006

Relinquished By:

Date/Time:

Relinquished By:

Date/Time:

Lab Observed Temperature Upon Receipt: 20  
Use Corrected Temperature Upon Receipt: 33  
Only Thermometer #: EDK738  
Correction Factor: 1.3

Samples Intact:	<u>Yes</u>	No
pH Checked:	Yes	<u>No</u>
pH Adjusted:	Yes	<u>No</u>
PFAS rec'd on ice:	Yes	No <i>def</i>

Name/Lot Number of Adjustment:

Lot/EQM Number:

Lot/EQM Number:

44

Deliver Samples



EFOR-008.005





## Chain of Custody Form


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## Elevation Diagnostics

2115 North Scranton Street Suite 3040A Aurora, CO 80045  
 800.440.5184

Project Name/Number: Love Ranch 8 Remediation  
 Project Location: Love Ranch 8 - Groundwater  
 Collector Name: M.Schlageter, A. Caso

Sample ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix			Analysis Requested								Interim report requested	
					HCl	HNO <sub>3</sub>	None	Other	Water	Soil	Other	TABLE915 BTEX	TABLE915 SULFATE								
																			Notes		
1	20250501-XTWP-(LR8-ST-PC-UG02)	2025-05-01	1010	4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	 AA22158-1   AA22159-1	
2	20250501-XTWP-(LR8-ST-PC-DG14)	2025-05-01	1335	4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
3					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
4					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
5					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
6					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
7					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
8					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
9					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
10					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				

Relinquished By: <u>MS</u>	Relinquished By:	Relinquished By:	Scan to Deliver Samples  EFOR-008.005
Date/Time: <u>5/2/2025 1000</u>	Date/Time:	Date/Time:	
Lab Use Only Observed Temperature Upon Receipt: <u>2.00</u> Corrected Temperature Upon Receipt: <u>2.30</u> Thermometer #: <u>FA238</u> Correction Factor: <u>1.30</u>	Samples Intact: <u>Yes</u> <u>No</u> pH Checked: <u>Yes</u> <u>No</u> pH Adjusted: <u>Yes</u> <u>No</u> PFAS rec'd on ice: <u>Yes</u> <u>No</u> Name/Lot Number of Adjustment: _____	Lot/EQM Number: <u>2025-05-015-1</u>	



## Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 5/22/2025

Report Time : 17:50

# FINAL RESULTS REPORT

Project Manager: Blair Rollins

Project Name: Love Ranch 8 Remediation

Project Number: N/A

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
AA22143-1	20250501-XTWP-(LR8-MW01)	Collected : 05/01/2025 09:55					
Anions - Sulfate		05/11/2025 15:29	101.00	331.95	mg/L	0.20	EPA 300.0
AA22143-2	20250501-XTWP-(LR8-MW01)	Collected : 05/01/2025 09:55					
Volatile Organic Compounds - Benzene		05/15/2025 17:26		1.63	µg/L	1.00	EPA 8260d
Volatile Organic Compounds - Ethylbenzene		05/15/2025 17:26		Not Detected	µg/L	1.00	EPA 8260d
Volatile Organic Compounds - m&p-Xylene		05/15/2025 17:26		<1.81	µg/L	1.81	EPA 8260d
Volatile Organic Compounds - o-Xylene		05/15/2025 17:26		Not Detected	µg/L	0.99	EPA 8260d
Volatile Organic Compounds - Toluene		05/15/2025 17:26		5.58	µg/L	1.00	EPA 8260d
Volatile Organic Compounds - Xylenes, total		05/15/2025 17:26		<2.80	µg/L	2.80	EPA 8260d
AA22144-1	20250501-XTWP-(LR8-MW02)	Collected : 05/01/2025 10:25					
Anions - Sulfate		05/11/2025 15:29	101.00	783.51	mg/L	0.20	EPA 300.0
AA22144-2	20250501-XTWP-(LR8-MW02)	Collected : 05/01/2025 10:25					
Volatile Organic Compounds - Benzene		05/15/2025 17:26		<1.00	µg/L	1.00	EPA 8260d
Volatile Organic Compounds - Ethylbenzene		05/15/2025 17:26		Not Detected	µg/L	1.00	EPA 8260d
Volatile Organic Compounds - m&p-Xylene		05/15/2025 17:26		<1.81	µg/L	1.81	EPA 8260d
Volatile Organic Compounds - o-Xylene		05/15/2025 17:26		<0.99	µg/L	0.99	EPA 8260d
Volatile Organic Compounds - Toluene		05/15/2025 17:26		1.10	µg/L	1.00	EPA 8260d
Volatile Organic Compounds - Xylenes, total		05/15/2025 17:26		<2.80	µg/L	2.80	EPA 8260d
AA22145-1	20250501-XTWP-(LR8-MW12)	Collected : 05/01/2025 10:40					
Anions - Sulfate		05/11/2025 15:29	101.00	762.64	mg/L	0.20	EPA 300.0
AA22145-2	20250501-XTWP-(LR8-MW12)	Collected : 05/01/2025 10:40					
Volatile Organic Compounds - Benzene		05/15/2025 17:26		<1.00	µg/L	1.00	EPA 8260d
Volatile Organic Compounds - Ethylbenzene		05/15/2025 17:26		Not Detected	µg/L	1.00	EPA 8260d
Volatile Organic Compounds - m&p-Xylene		05/15/2025 17:26		<1.81	µg/L	1.81	EPA 8260d
Volatile Organic Compounds - o-Xylene		05/15/2025 17:26		Not Detected	µg/L	0.99	EPA 8260d
Volatile Organic Compounds - Toluene		05/15/2025 17:26		<1.00	µg/L	1.00	EPA 8260d
Volatile Organic Compounds - Xylenes, total		05/15/2025 17:26		<2.80	µg/L	2.80	EPA 8260d
AA22146-1	20250501-XTWP-(LR8-PZ03)	Collected : 05/01/2025 10:55					
Anions - Sulfate		05/11/2025 15:29	101.00	770.78	mg/L	0.20	EPA 300.0
AA22146-2	20250501-XTWP-(LR8-PZ03)	Collected : 05/01/2025 10:55					
Volatile Organic Compounds - Benzene		05/15/2025 17:26		Not Detected	µg/L	1.00	EPA 8260d
Volatile Organic Compounds - Ethylbenzene		05/15/2025 17:26		Not Detected	µg/L	1.00	EPA 8260d
Volatile Organic Compounds - m&p-Xylene		05/15/2025 17:26		<1.81	µg/L	1.81	EPA 8260d
Volatile Organic Compounds - o-Xylene		05/15/2025 17:26		<0.99	µg/L	0.99	EPA 8260d
Volatile Organic Compounds - Toluene		05/15/2025 17:26		<1.00	µg/L	1.00	EPA 8260d
Volatile Organic Compounds - Xylenes, total		05/15/2025 17:26		<2.80	µg/L	2.80	EPA 8260d
AA22147-1	20250501-XTWP-(LR8-PZ05)	Collected : 05/01/2025 11:10					
Anions - Sulfate		05/11/2025 15:29	101.00	700.89	mg/L	0.20	EPA 300.0

**Division of Environmental Testing**

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

**FINAL RESULTS REPORT****Report Date :** 5/22/2025**Report Time :** 17:50**Project Manager:** Blair Rollins**Project Name:** Love Ranch 8 Remediation**Project Number:** N/A

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
<b>AA22147-2</b>	20250501-XTWP-(LR8-PZ05)	<b>Collected :</b> 05/01/2025	11:10				
Volatile Organic Compounds - Benzene		05/15/2025	17:26	Not Detected	µg/L	1.00	EPA 8260d
Volatile Organic Compounds - Ethylbenzene		05/15/2025	17:26	Not Detected	µg/L	1.00	EPA 8260d
Volatile Organic Compounds - m&p-Xylene		05/15/2025	17:26	Not Detected	µg/L	1.81	EPA 8260d
Volatile Organic Compounds - o-Xylene		05/15/2025	17:26	Not Detected	µg/L	0.99	EPA 8260d
Volatile Organic Compounds - Toluene		05/15/2025	17:26	<1.00	µg/L	1.00	EPA 8260d
Volatile Organic Compounds - Xylenes, total		05/15/2025	17:26	Not Detected	µg/L	2.80	EPA 8260d
<b>AA22148-1</b>	20250501-XTWP-(LR8-PZ01)	<b>Collected :</b> 05/01/2025	13:55				
Anions - Sulfate		05/11/2025	15:29	679.32	mg/L	0.20	EPA 300.0
<b>AA22148-2</b>	20250501-XTWP-(LR8-PZ01)	<b>Collected :</b> 05/01/2025	13:55				
Volatile Organic Compounds - Benzene		05/15/2025	17:26	<1.00	µg/L	1.00	EPA 8260d
Volatile Organic Compounds - Ethylbenzene		05/15/2025	17:26	Not Detected	µg/L	1.00	EPA 8260d
Volatile Organic Compounds - m&p-Xylene		05/15/2025	17:26	Not Detected	µg/L	1.81	EPA 8260d
Volatile Organic Compounds - o-Xylene		05/15/2025	17:26	Not Detected	µg/L	0.99	EPA 8260d
Volatile Organic Compounds - Toluene		05/15/2025	17:26	<1.00	µg/L	1.00	EPA 8260d
Volatile Organic Compounds - Xylenes, total		05/15/2025	17:26	Not Detected	µg/L	2.80	EPA 8260d
<b>AA22149-1</b>	20250501-XTWP-(LR8-MW04)	<b>Collected :</b> 05/01/2025	13:45				
Anions - Sulfate		05/11/2025	15:29	444.69	mg/L	0.20	EPA 300.0
<b>AA22149-2</b>	20250501-XTWP-(LR8-MW04)	<b>Collected :</b> 05/01/2025	13:45				
Volatile Organic Compounds - Benzene		05/19/2025	12:01	Not Detected	µg/L	1.00	EPA 8260d
Volatile Organic Compounds - Ethylbenzene		05/19/2025	12:01	Not Detected	µg/L	1.00	EPA 8260d
Volatile Organic Compounds - m&p-Xylene		05/19/2025	12:01	Not Detected	µg/L	1.81	EPA 8260d
Volatile Organic Compounds - o-Xylene		05/19/2025	12:01	<0.99	µg/L	0.99	EPA 8260d
Volatile Organic Compounds - Toluene		05/19/2025	12:01	<1.00	µg/L	1.00	EPA 8260d
Volatile Organic Compounds - Xylenes, total		05/19/2025	12:01	<2.80	µg/L	2.80	EPA 8260d
<b>AA22150-1</b>	20250501-XTWP-(LR8-MW11)	<b>Collected :</b> 05/01/2025	13:15				
Anions - Sulfate		05/11/2025	15:29	809.11	mg/L	0.20	EPA 300.0
<b>AA22150-2</b>	20250501-XTWP-(LR8-MW11)	<b>Collected :</b> 05/01/2025	13:15				
Volatile Organic Compounds - Benzene		05/19/2025	12:01	Not Detected	µg/L	1.00	EPA 8260d
Volatile Organic Compounds - Ethylbenzene		05/19/2025	12:01	Not Detected	µg/L	1.00	EPA 8260d
Volatile Organic Compounds - m&p-Xylene		05/19/2025	12:01	Not Detected	µg/L	1.81	EPA 8260d
Volatile Organic Compounds - o-Xylene		05/19/2025	12:01	Not Detected	µg/L	0.99	EPA 8260d
Volatile Organic Compounds - Toluene		05/19/2025	12:01	<1.00	µg/L	1.00	EPA 8260d
Volatile Organic Compounds - Xylenes, total		05/19/2025	12:01	Not Detected	µg/L	2.80	EPA 8260d
<b>AA22151-1</b>	20250501-XTWP-(LR8-PZ02)	<b>Collected :</b> 05/01/2025	13:25				
Anions - Sulfate		05/11/2025	15:29	634.81	mg/L	0.20	EPA 300.0
<b>AA22151-2</b>	20250501-XTWP-(LR8-PZ02)	<b>Collected :</b> 05/01/2025	13:25				
Volatile Organic Compounds - Benzene		05/19/2025	12:01	Not Detected	µg/L	1.00	EPA 8260d

**Division of Environmental Testing**

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

**FINAL RESULTS REPORT****Report Date :** 5/22/2025**Report Time :** 17:50**Project Manager:** Blair Rollins**Project Name:** Love Ranch 8 Remediation**Project Number:** N/A

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
Volatile Organic Compounds - Ethylbenzene		05/19/2025 12:01		Not Detected	µg/L	1.00	EPA 8260d
Volatile Organic Compounds - m&p-Xylene		05/19/2025 12:01		Not Detected	µg/L	1.81	EPA 8260d
Volatile Organic Compounds - o-Xylene		05/19/2025 12:01		Not Detected	µg/L	0.99	EPA 8260d
Volatile Organic Compounds - Toluene		05/19/2025 12:01		<1.00	µg/L	1.00	EPA 8260d
Volatile Organic Compounds - Xylenes, total		05/19/2025 12:01		Not Detected	µg/L	2.80	EPA 8260d

**AA22152-1** 20250501-XTWP-(LR8-MW10)**Collected :** 05/01/2025 13:05

Anions - Sulfate 05/11/2025 15:29 101.00 700.31 mg/L 0.20 EPA 300.0

**AA22152-2** 20250501-XTWP-(LR8-MW10)**Collected :** 05/01/2025 13:05

Volatile Organic Compounds - Benzene	05/19/2025 12:01	9.89	µg/L	1.00	EPA 8260d
Volatile Organic Compounds - Ethylbenzene	05/19/2025 12:01	Not Detected	µg/L	1.00	EPA 8260d
Volatile Organic Compounds - m&p-Xylene	05/19/2025 12:01	<1.81	µg/L	1.81	EPA 8260d
Volatile Organic Compounds - o-Xylene	05/19/2025 12:01	Not Detected	µg/L	0.99	EPA 8260d
Volatile Organic Compounds - Toluene	05/19/2025 12:01	<1.00	µg/L	1.00	EPA 8260d
Volatile Organic Compounds - Xylenes, total	05/19/2025 12:01	<2.80	µg/L	2.80	EPA 8260d

**AA22153-1** 20250501-XTWP-(LR8-MW03)**Collected :** 05/01/2025 12:45

Anions - Sulfate 05/11/2025 15:29 101.00 799.70 mg/L 0.20 EPA 300.0

**AA22153-2** 20250501-XTWP-(LR8-MW03)**Collected :** 05/01/2025 12:45

Volatile Organic Compounds - Benzene	05/19/2025 12:01	Not Detected	µg/L	1.00	EPA 8260d
Volatile Organic Compounds - Ethylbenzene	05/19/2025 12:01	Not Detected	µg/L	1.00	EPA 8260d
Volatile Organic Compounds - m&p-Xylene	05/19/2025 12:01	Not Detected	µg/L	1.81	EPA 8260d
Volatile Organic Compounds - o-Xylene	05/19/2025 12:01	Not Detected	µg/L	0.99	EPA 8260d
Volatile Organic Compounds - Toluene	05/19/2025 12:01	<1.00	µg/L	1.00	EPA 8260d
Volatile Organic Compounds - Xylenes, total	05/19/2025 12:01	Not Detected	µg/L	2.80	EPA 8260d

**AA22154-1** 20250501-XTWP-(LR8-MW14)**Collected :** 05/01/2025 12:15

Anions - Sulfate 05/11/2025 15:29 101.00 687.51 mg/L 0.20 EPA 300.0

**AA22154-2** 20250501-XTWP-(LR8-MW14)**Collected :** 05/01/2025 12:15

Volatile Organic Compounds - Benzene	05/19/2025 12:01	Not Detected	µg/L	1.00	EPA 8260d
Volatile Organic Compounds - Ethylbenzene	05/19/2025 12:01	Not Detected	µg/L	1.00	EPA 8260d
Volatile Organic Compounds - m&p-Xylene	05/19/2025 12:01	Not Detected	µg/L	1.81	EPA 8260d
Volatile Organic Compounds - o-Xylene	05/19/2025 12:01	Not Detected	µg/L	0.99	EPA 8260d
Volatile Organic Compounds - Toluene	05/19/2025 12:01	<1.00	µg/L	1.00	EPA 8260d
Volatile Organic Compounds - Xylenes, total	05/19/2025 12:01	Not Detected	µg/L	2.80	EPA 8260d

**AA22155-1** 20250501-XTWP-(LR8-MW17)**Collected :** 05/01/2025 12:00

Anions - Sulfate 05/11/2025 15:29 101.00 952.21 mg/L 0.20 EPA 300.0

**AA22155-2** 20250501-XTWP-(LR8-MW17)**Collected :** 05/01/2025 12:00

Volatile Organic Compounds - Benzene	05/19/2025 12:01	Not Detected	µg/L	1.00	EPA 8260d
Volatile Organic Compounds - Ethylbenzene	05/19/2025 12:01	Not Detected	µg/L	1.00	EPA 8260d
Volatile Organic Compounds - m&p-Xylene	05/19/2025 12:01	Not Detected	µg/L	1.81	EPA 8260d



**Division of Environmental Testing**

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

**FINAL RESULTS REPORT****Report Date :** 5/22/2025**Report Time :** 17:50**Project Manager:** Blair Rollins**Project Name:** Love Ranch 8 Remediation**Project Number:** N/A

Sample ID	Customer ID	Collected		Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start						Recovery
Volatile Organic Compounds - o-Xylene		05/19/2025	12:01		Not Detected	µg/L	0.99	EPA 8260d
Volatile Organic Compounds - Toluene		05/19/2025	12:01		<1.00	µg/L	1.00	EPA 8260d
Volatile Organic Compounds - Xylenes, total		05/19/2025	12:01		Not Detected	µg/L	2.80	EPA 8260d

**AA22156-1** 20250501-XTWP-(LR8-MW18) **Collected :** 05/01/2025 11:45  
Anions - Sulfate 05/11/2025 15:29 101.00 468.89 mg/L 0.20 EPA 300.0

**AA22156-2** 20250501-XTWP-(LR8-MW18) **Collected :** 05/01/2025 11:45  
Volatile Organic Compounds - Benzene 05/19/2025 12:01 Not Detected µg/L 1.00 EPA 8260d  
Volatile Organic Compounds - Ethylbenzene 05/19/2025 12:01 Not Detected µg/L 1.00 EPA 8260d  
Volatile Organic Compounds - m&p-Xylene 05/19/2025 12:01 Not Detected µg/L 1.81 EPA 8260d  
Volatile Organic Compounds - o-Xylene 05/19/2025 12:01 Not Detected µg/L 0.99 EPA 8260d  
Volatile Organic Compounds - Toluene 05/19/2025 12:01 <1.00 µg/L 1.00 EPA 8260d  
Volatile Organic Compounds - Xylenes, total 05/19/2025 12:01 Not Detected µg/L 2.80 EPA 8260d

**AA22157-1** 20250501-XTWP-(LR8-MW13) **Collected :** 05/01/2025 12:30  
Anions - Sulfate 05/11/2025 15:29 101.00 641.11 mg/L 0.20 EPA 300.0

**AA22157-2** 20250501-XTWP-(LR8-MW13) **Collected :** 05/01/2025 12:30  
Volatile Organic Compounds - Benzene 05/19/2025 12:01 Not Detected µg/L 1.00 EPA 8260d  
Volatile Organic Compounds - Ethylbenzene 05/19/2025 12:01 Not Detected µg/L 1.00 EPA 8260d  
Volatile Organic Compounds - m&p-Xylene 05/19/2025 12:01 Not Detected µg/L 1.81 EPA 8260d  
Volatile Organic Compounds - o-Xylene 05/19/2025 12:01 Not Detected µg/L 0.99 EPA 8260d  
Volatile Organic Compounds - Toluene 05/19/2025 12:01 <1.00 µg/L 1.00 EPA 8260d  
Volatile Organic Compounds - Xylenes, total 05/19/2025 12:01 Not Detected µg/L 2.80 EPA 8260d

**AA22158-2** 20250501-XTWP-(LR8-ST-PC-UG02) **Collected :** 05/01/2025 10:10  
Volatile Organic Compounds - Benzene 05/19/2025 12:01 Not Detected µg/L 1.00 EPA 8260d  
Volatile Organic Compounds - Ethylbenzene 05/19/2025 12:01 Not Detected µg/L 1.00 EPA 8260d  
Volatile Organic Compounds - m&p-Xylene 05/19/2025 12:01 <1.81 µg/L 1.81 EPA 8260d  
Volatile Organic Compounds - o-Xylene 05/19/2025 12:01 Not Detected µg/L 0.99 EPA 8260d  
Volatile Organic Compounds - Toluene 05/19/2025 12:01 Not Detected µg/L 1.00 EPA 8260d  
Volatile Organic Compounds - Xylenes, total 05/19/2025 12:01 <2.80 µg/L 2.80 EPA 8260d

**AA22159-2** 20250501-XTWP-(LR8-ST-PC-DG14) **Collected :** 05/01/2025 13:35  
Volatile Organic Compounds - Benzene 05/19/2025 12:01 Not Detected µg/L 1.00 EPA 8260d  
Volatile Organic Compounds - Ethylbenzene 05/19/2025 12:01 Not Detected µg/L 1.00 EPA 8260d  
Volatile Organic Compounds - m&p-Xylene 05/19/2025 12:01 <1.81 µg/L 1.81 EPA 8260d  
Volatile Organic Compounds - o-Xylene 05/19/2025 12:01 Not Detected µg/L 0.99 EPA 8260d  
Volatile Organic Compounds - Toluene 05/19/2025 12:01 <1.00 µg/L 1.00 EPA 8260d  
Volatile Organic Compounds - Xylenes, total 05/19/2025 12:01 <2.80 µg/L 2.80 EPA 8260d





## Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

# FINAL RESULTS REPORT

Report Date : 5/22/2025

Report Time : 17:50

Project Manager: Blair Rollins

Project Name: Love Ranch 8 Remediation

Project Number: N/A

## QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
<b>ANIONS-8478</b>										
<b>AA22143</b>										
Dup	Sulfate	534.42		ppm		331.95			0.151	- 15
Matrix Spike	Sulfate	535.23		ppm	202	331.95	101	80 - 120		
<b>AA22152</b>										
Dup	Sulfate	932.83		ppm		700.31			0.887	- 15
Matrix Spike	Sulfate	924.59		ppm	202	700.31	111	80 - 120		
<b>AA22233</b>										
Dup	Chloride	4560.91		ppm		3631.89			1.51	- 15
Dup	Sulfate	10161.37		ppm		8908.62			2.19	- 15
Matrix Spike	Chloride	4492.58		ppm	1002	3631.89	85.9	80 - 120		
Matrix Spike	Sulfate	9941.54		ppm	1002	8908.62	103	80 - 120		
<b>AA22285</b>										
MB	Chloride	Not Detected		ppm						
MB	Nitrate	Not Detected		ppm						
MB	Nitrite	Not Detected		ppm						
MB	Sulfate	Not Detected		ppm						
<b>AA22286</b>										
LCS	Chloride	2.00		ppm			100	90 - 110		
LCS	Nitrate	2.00		ppm			100	90 - 110		
LCS	Nitrite	2.02		ppm			101	90 - 110		
LCS	Sulfate	2.00		ppm			100	90 - 110		
<b>AA22287</b>										
LCS	Chloride	1.98		ppm			99.0	90 - 110		
LCS	Nitrate	2.06		ppm			103	90 - 110		
LCS	Nitrite	1.99		ppm			99.5	90 - 110		
LCS	Sulfate	2.16		ppm			108	90 - 110		
<b>VOC_8260_W-8517</b>										
<b>AA22240</b>										
Dup	1,2-Dichloroethane	0.074		mg/L		Not Detected			8.45	- 30
Dup	Benzene	0.039		mg/L		Not Detected			<%MDL%	- 30
Dup	Ethylbenzene	0.039		mg/L		Not Detected			2.53	- 30
Dup	Gasoline Range Organics	0.182		mg/L		<0.26			200	- 30
Dup	m&p-Xylene	0.078		mg/L					<%MDL%	- 30
Dup	Naphthalene	0.047		mg/L		<0.00050			<%MDL%	- 30
Dup	o-Xylene	0.036		mg/L					5.41	- 30
Dup	Toluene	0.068		mg/L		<0.0010			6.06	- 30
Dup	Xylene, total	0.114		mg/L					1.74	- 30
Matrix Spike	1,2-Dichloroethane	0.068		µg/L	0.050	Not Detected	136	70 - 130		
Matrix Spike	Benzene	0.039		mg/L	0.050	Not Detected	78.0	70 - 130		
Matrix Spike	Ethylbenzene	0.040		mg/L	0.050	Not Detected	80.0	70 - 130		
Matrix Spike	Gasoline Range Organics	0.096		mg/L	2540	<0.26	0.117			
Matrix Spike	m&p-Xylene	0.078		µg/L						
Matrix Spike	Naphthalene	0.047		µg/L	0.050	<0.00050	94.0	70 - 130		
Matrix Spike	o-Xylene	0.038		µg/L						
Matrix Spike	Toluene	0.064		µg/L	0.050	<0.0010	128	70 - 130		



## Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

# FINAL RESULTS REPORT

Report Date : 5/22/2025

Report Time : 17:50

Project Manager: Blair Rollins

Project Name: Love Ranch 8 Remediation

Project Number: N/A

## QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Matrix Spike	Xylene, total	0.116		µg/L						

### AA22370

MB	1,1,1-Trichloroethane	Not Detected		µg/L						
MB	1,1,2-Trichloroethane	Not Detected		µg/L						
MB	1,1-Dichloroethene	Not Detected		µg/L						
MB	1,2-Dichloroethane	Not Detected		µg/L						
MB	1,2-Dichloropropane	Not Detected		µg/L						
MB	2-Hexanone	Not Detected		µg/L						
MB	Acetone	Not Detected		µg/L						
MB	Benzene	Not Detected		µg/L						
MB	Chlorobenzene	Not Detected		µg/L						
MB	cis-1,2-Dichloroethene	Not Detected		µg/L						
MB	Ethylbenzene	Not Detected		µg/L						
MB	Gasoline Range Organics	25.80		µg/L						
MB	m&p-Xylene	Not Detected		µg/L						
MB	Naphthalene	Not Detected		µg/L						
MB	o-Xylene	Not Detected		µg/L						
MB	Toluene	Not Detected		µg/L						
MB	trans-1,2-Dichloroethene	Not Detected		µg/L						
MB	Trichloroethene	Not Detected		µg/L						
MB	Vinyl chloride	Not Detected		µg/L						
MB	Xylene, total	Not Detected		µg/L						

### AA22371

LCS	1,1,1-Trichloroethane	46.56		µg/L			93.1	70 - 130		
LCS	1,1,2-Trichloroethane	55.19		µg/L			110	70 - 130		
LCS	1,1-Dichloroethene	60.87		µg/L			122	70 - 130		
LCS	1,2-Dichloroethane	64.36		µg/L			129	70 - 130		
LCS	1,2-Dichloropropane	58.82		µg/L			118	70 - 130		
LCS	2-Hexanone	40.62		µg/L			81.2	70 - 130		
LCS	Acetone	36.22		µg/L			72.4	70 - 130		
LCS	Benzene	39.34		µg/L			78.7	70 - 130		
LCS	Chlorobenzene	39.06		µg/L			78.1	70 - 130		
LCS	cis-1,2-Dichloroethene	45.22		µg/L			90.4	70 - 130		
LCS	Ethylbenzene	40.69		µg/L			81.4	70 - 130		
LCS	Gasoline Range Organics	26.09		µg/L			115			
LCS	m&p-Xylene	82.09		µg/L			82.1	70 - 130		
LCS	Naphthalene	48.92		µg/L			97.8	70 - 130		
LCS	o-Xylene	38.89		µg/L			77.8	70 - 130		
LCS	Toluene	62.03		µg/L			124	70 - 130		
LCS	trans-1,2-Dichloroethene	36.31		µg/L			72.6	70 - 130		
LCS	Trichloroethene	38.85		µg/L			77.7	70 - 130		
LCS	Vinyl chloride	43.39		µg/L			86.8	70 - 130		
LCS	Xylene, total	120.98		µg/L			80.7	70 - 130		

### AA22372

LCS	1,1,1-Trichloroethane	40.53		µg/L			81.1	70 - 130		
LCS	1,1,2-Trichloroethane	53.12		µg/L			106	70 - 130		



## Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

# FINAL RESULTS REPORT

Report Date : 5/22/2025

Report Time : 17:50

Project Manager: Blair Rollins

Project Name: Love Ranch 8 Remediation

Project Number: N/A

## QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
LCS	1,1-Dichloroethene	63.77		µg/L			128	70 - 130		
LCS	1,2-Dichloroethane	58.23		µg/L			116	70 - 130		
LCS	1,2-Dichloropropane	57.55		µg/L			115	70 - 130		
LCS	2-Hexanone	47.08		µg/L			94.2	70 - 130		
LCS	Acetone	41.82		µg/L			83.6	70 - 130		
LCS	Benzene	37.19		µg/L			74.4	70 - 130		
LCS	Chlorobenzene	37.78		µg/L			75.6	70 - 130		
LCS	cis-1,2-Dichloroethene	44.26		µg/L			88.5	70 - 130		
LCS	Ethylbenzene	39.28		µg/L			78.6	70 - 130		
LCS	Gasoline Range Organics	236.68		µg/L			108			
LCS	m&p-Xylene	74.97		µg/L			75.0	70 - 130		
LCS	Naphthalene	46.97		µg/L			93.9	70 - 130		
LCS	o-Xylene	38.20		µg/L			76.4	70 - 130		
LCS	Toluene	61.44		µg/L			123	70 - 130		
LCS	trans-1,2-Dichloroethene	41.84		µg/L			83.7	70 - 130		
LCS	Trichloroethene	39.05		µg/L			78.1	70 - 130		
LCS	Vinyl chloride	48.38		µg/L			96.8	70 - 130		
LCS	Xylene, total	113.17		µg/L			75.4	70 - 130		

## VOC\_8260\_W-8570

### AA21954

Dup	1,1-Dichloroethene	25.13		µg/L					1.08	- 30
Dup	Trichloroethene	45.04		µg/L					0.884	- 30
Matrix Spike	1,1-Dichloroethene	24.86		µg/L						
Matrix Spike	Trichloroethene	45.44		µg/L						

### AA22484

MB	1,1-Dichloroethene	Not Detected		µg/L						
MB	1,2,4-Trimethylbenzene	Not Detected		µg/L						
MB	1,3,5-Trimethylbenzene	Not Detected		µg/L						
MB	Benzene	Not Detected		µg/L						
MB	Ethylbenzene	Not Detected		µg/L						
MB	m&p-Xylene	Not Detected		µg/L						
MB	Naphthalene	<0.50		µg/L						
MB	o-Xylene	Not Detected		µg/L						
MB	Toluene	<1.00		µg/L						
MB	Trichloroethene	Not Detected		µg/L						
MB	Xylene, total	Not Detected		µg/L						

### AA22485

LCS	1,1-Dichloroethene	40.88		µg/L			81.8	70 - 130		
LCS	1,2,4-Trimethylbenzene	63.25		µg/L			126	70 - 130		
LCS	1,3,5-Trimethylbenzene	38.21		µg/L			76.4	70 - 130		
LCS	Benzene	41.12		µg/L			82.2	70 - 130		
LCS	Ethylbenzene	46.90		µg/L			93.8	70 - 130		
LCS	m&p-Xylene	89.59		µg/L			89.6	70 - 130		
LCS	Naphthalene	58.53		µg/L			117	70 - 130		
LCS	o-Xylene	46.40		µg/L			92.8	70 - 130		
LCS	Toluene	42.56		µg/L			85.1	70 - 130		

**Division of Environmental Testing**

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

**FINAL RESULTS REPORT****Report Date :** 5/22/2025**Report Time :** 17:50**Project Manager:** Blair Rollins**Project Name:** Love Ranch 8 Remediation**Project Number:** N/A**QC Report**

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
LCS	Trichloroethene	54.20		µg/L			108	70 - 130		
LCS	Xylene, total	135.99		µg/L			90.7	70 - 130		

**AA22486**

LCS	1,1-Dichloroethene	51.24		µg/L			102	70 - 130		
LCS	1,2,4-Trimethylbenzene	55.45		µg/L			111	70 - 130		
LCS	1,3,5-Trimethylbenzene	62.56		µg/L			125	70 - 130		
LCS	Benzene	43.44		µg/L			86.9	70 - 130		
LCS	Ethylbenzene	56.47		µg/L			113	70 - 130		
LCS	m&p-Xylene	123.05		µg/L			123	70 - 130		
LCS	Naphthalene	49.21		µg/L			98.4	70 - 130		
LCS	o-Xylene	53.77		µg/L			108	70 - 130		
LCS	Toluene	43.60		µg/L			87.2	70 - 130		
LCS	Trichloroethene	55.75		µg/L			112	70 - 130		
LCS	Xylene, total	176.82		µg/L			118	70 - 130		