



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

October 02, 2025

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

Project Manager : Blair Rollins

Project Name : Love Ranch 8

Project Number : N/A

Attached are the analytical results for Love Ranch 8 N/A received by Elevation Diagnostics, Division of Environmental Testing on September 30, 2025. This is associated with Elevation's number AA33054 .

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

Elevation Diagnostics

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

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

Project Name/Number: Love Ranch 8
 Project Location: Love Ranch
 Collector Name: Maddie Schlageter

Sample ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix			Analysis Requested						Interim report requested		
					HCl	HNO ₃	None	Other	Water	Soil	Other	ALK,AL,KCA,AL,KBI 250mlHDPE-NoPres	Br,Cl,F,NO ₂ ,NO ₃ ,SO ₄ 250mlHDPE-NoPres	DRONM,LVI 40mlAmb-HCL-BT/820	GRO 40mlAmb HCl	Metals 250mlHDPE-HNO ₃	NO ₂ NO ₃ PT 250mlHDPE-H ₂ SO ₄	SPCON 250mlHDPE-NoPres	TDS 1L-HDPE NoPres, TSS	<input type="checkbox"/> Yes <input type="checkbox"/> No
1	20250929-Love Ranch Pig Launcher (MOI)	2025-09-29	1230	1	<input checked="" type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No	RUSH!
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				



Relinquished By: <u>MSW</u>	Relinquished By:	Relinquished By:	Scan to Deliver Samples
Date/Time: <u>9-29-25/1600</u>	Date/Time:	Date/Time:	
Lab Use Only	Observed Temperature Upon Receipt: <u>4.7°C</u>	Samples Intact: <input checked="" type="radio"/> Yes <input type="radio"/> No	2025-09-30-003 AS Lot/EQM Number: 204624 Name/Lot Number of Adjustment: <u>1125030</u>
	Corrected Temperature Upon Receipt: <u>4.1°C</u>	pH Checked: <input checked="" type="radio"/> Yes <input type="radio"/> No	
	Thermometer #: <u>EDX EQ 350</u>	pH Adjusted: <input checked="" type="radio"/> Yes <input type="radio"/> No	
	Correction Factor: <u>-0.6°C</u>	PFAS rec'd on ice: <input type="radio"/> Yes <input checked="" type="radio"/> No/N/A	

Added per client request SA 9.30.2025

The results listed pertain only to the samples submitted to Elevation Diagnostics, Division of Environmental Testing as per the Chain of Custody attached. This report may only be duplicated in full.

RE: Love Ranch 8 rush samples

From Blair Rollins <brollins@qb-energy.com>

Date Tue 9/30/2025 9:52 AM

To Stephanie Aldrich <Stephanie@elevationdiagnostics.com>

Cc Dylan Johnson <dylan@elevationdiagnostics.com>; Allie Sholk <allie@elevationdiagnostics.com>

Please update the COC to include phosphorus. Ignore PT. Thanks for catching this and confirming everything on this project. Can we get a prelim report today with everything that has cleared? Just curious what the organics are going to look like. Thanks for your help!

Thank you,

Blair Rollins
Environmental Specialist
QB Energy LLC
143 Diamond Avenue
Parachute, CO 81635
M: 970-640-6919 | E: brollins@qb-energy.com



From: Stephanie Aldrich <Stephanie@elevationdiagnostics.com>

Sent: Tuesday, September 30, 2025 9:40 AM

To: Blair Rollins <brollins@qb-energy.com>

Cc: Dylan Johnson <dylan@elevationdiagnostics.com>; Allie Sholk <allie@elevationdiagnostics.com>

Subject: Love Ranch 8 rush samples

Hi Blair,

Thanks for taking my call. I have attached the COCs for the rush samples. I added TSS and ORO per your request. As you can see on one of the COCs, it has NO2 NO 3, PT and we aren't sure what that is. Nitrate and Nitrite are already on there in another line, all I can think is that PT means Phosphorus Total. Let us know your thoughts. We will start working on this right away

Stephanie Aldrich
Project Manager

Elevation Diagnostics
2115 N Scranton St
Suite 3040A
Aurora, CO 80045
Mobile: (607)267-1766
www.elevationdiagnostics.com



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 10/2/2025

Report Time : 11:30

FINAL RESULTS REPORT

Project Manager: Blair Rollins

Project Name: Love Ranch 8

Project Number: N/A

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
AA33054-1	20250929-Love Ranch Pig Launcher (MOI)	Collected : 09/29/2025	12:30				
Anions - Bromide		09/30/2025	14:58	100.00	<5.00 - RL1	mg/L	5.00 EPA 300.0
Anions - Chloride		09/30/2025	14:58	100.00	101.65	mg/L	0.05 EPA 300.0
Anions - Fluoride		09/30/2025	14:58	100.00	<5.00 - RL1	mg/L	5.00 EPA 300.0
Anions - Nitrate		09/30/2025	14:58	100.00	<5.00 - RL1	mg/L	5.00 EPA 300.0
Anions - Nitrite		09/30/2025	14:58	100.00	<5.00 - RL1	mg/L	5.00 EPA 300.0
Anions - Sulfate		09/30/2025	14:58	100.00	518.69	mg/L	0.05 EPA 300.0
Bicarbonate Alkalinity		09/30/2025	17:56		909.89	mg/L	SM 2320B
Carbonate Alkalinity		09/30/2025	18:10		0.00	mg/L	SM 2320B
Conductivity		09/30/2025	16:22		2240	µS/cm	20 EPA 9050A & 120.1
Nitrate as Nitrogen		09/30/2025	16:34	100.00	<1.13 - RL1		
Nitrate, Anions		09/30/2025	16:34	100.00	<5.00 - RL1		
Nitrite as Nitrogen		09/30/2025	16:34	100.00	<1.52 - RL1		
Nitrite, Anions		09/30/2025	16:34	100.00	<5.00 - RL1		
Total Alkalinity		09/30/2025	17:52		909.89	mg/L	SM 2320B
Total Dissolved Solids		10/01/2025	07:42		1470	mg/L	10.00 SM2540C, EPA160.1
Total Suspended Solids		09/30/2025	13:29		40720 - EST	mg/L	4.00 SM2540D, EPA160.2
AA33054-2	20250929-Love Ranch Pig Launcher (MOI)	Collected : 09/29/2025	12:30				
Total Metals, Aqueous - Barium		10/01/2025	07:06	10.00	3371.34	µg/L	0.283 EPA3010A&3005A
Total Metals, Aqueous - Boron		10/01/2025	07:06	10.00	524.28	µg/L	10.000 EPA3010A&3005A
Total Metals, Aqueous - Calcium		10/01/2025	07:06	1,000.00	694936.02	µg/L	20.000 EPA3010A&3005A
Total Metals, Aqueous - Iron		10/01/2025	07:06	1,000.00	248098.76	µg/L	10.000 EPA3010A&3005A
Total Metals, Aqueous - Magnesium		10/01/2025	07:06	1,000.00	259135.69	µg/L	20.000 EPA3010A&3005A
Total Metals, Aqueous - Manganese		10/01/2025	07:06	100.00	5764.06	µg/L	0.500 EPA3010A&3005A
Total Metals, Aqueous - Phosphorous		10/01/2025	07:06	100.00	8792.73	µg/L	10.000 EPA3010A&3005A
Total Metals, Aqueous - Potassium		10/01/2025	07:06	100.00	33834.89	µg/L	25.000 EPA3010A&3005A
Total Metals, Aqueous - Selenium		10/01/2025	07:06	10.00	24.07	µg/L	0.985 EPA3010A&3005A
Total Metals, Aqueous - Sodium		10/01/2025	07:06	1,000.00	409932.86	µg/L	20.000 EPA3010A&3005A
Total Metals, Aqueous - Strontium		10/01/2025	07:06	100.00	7249.01	µg/L	0.250 EPA3010A&3005A
AA33054-3	20250929-Love Ranch Pig Launcher (MOI)	Collected : 09/29/2025	12:30				
DRO/ORO, Aqueous - DRO		09/30/2025	16:20		Not Detected	mg/L	0.613 A 8015D, TCEQ Method TX1
DRO/ORO, Aqueous - ORO		09/30/2025	16:20		Not Detected	mg/L	12.264 A 8015D, TCEQ Method TX1
Volatile Organic Compounds - Gasoline Range Organics		09/30/2025	20:20		<225.80	µg/L	225.80 EPA 8260d



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Report Time : 11:30

FINAL RESULTS REPORT

Project Manager: Blair Rollins

Project Name: Love Ranch 8

Project Number: N/A

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
ALKALINITY-12035										
DUP	AA32910	61.20		mg CaCO3/L					6.4516	- 20
LCS	AA33058	45.90		mg CaCO3/L	40.00		115	80 - 120		
LCS	AA33059	1015.97		mg CaCO3/L	1000.00		102	80 - 120		
CONDUCTANCE_EPA-12051										
DUP	AA32910	174.1	20	µS/cm					0.91481	-5 - 5
LCS	AA33125	9910	20	µS/cm	10003		99.1	80 - 115		
LCS	AA33126	9900	20	µS/cm	10003		99.0	80 - 115		
TDS-12043										
MB	AA33074	Not Detected	10.00	mg/L						
LCS	AA33075	490	10	mg/L	500		98.0	85 - 115		
DUP	AA33076	490		mg/L					1.65	- 20
LCS	AA33076	482	10	mg/L	500		96.4	85 - 115		
TSS-12034										
MB	AA33055	Not Detected	4	mg/L						
LCS	AA33056	485		mg/L	500		97.0	85 - 115		
DUP	AA33057	485		mg/L					4.6324	- 10
LCS	AA33057	508		mg/L	500		102	85 - 115		



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QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
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ANIONS-12033

AA33051

MB	Bromide	Not Detected		ppm						
MB	Chloride	Not Detected		ppm						
MB	Fluoride	Not Detected		ppm						
MB	Nitrate	Not Detected		ppm						
MB	Nitrite	Not Detected		ppm						
MB	Sulfate	Not Detected		ppm						

AA33052

LCS	Bromide	1.94		ppm			97.0	90 - 110		
LCS	Chloride	1.99		ppm			99.5	90 - 110		
LCS	Fluoride	1.91		ppm			95.5	90 - 110		
LCS	Nitrate	1.90		ppm			95.0	90 - 110		
LCS	Nitrite	1.98		ppm			99.0	90 - 110		
LCS	Sulfate	2.03		ppm			102	90 - 110		

AA33053

LCS	Bromide	1.98		ppm			99.0	90 - 110		
LCS	Chloride	2.03		ppm			102	90 - 110		
LCS	Fluoride	1.92		ppm			96.0	90 - 110		
LCS	Nitrate	1.97		ppm			98.5	90 - 110		
LCS	Nitrite	2.02		ppm			101	90 - 110		
LCS	Sulfate	2.01		ppm			100	90 - 110		

AA33054

Dup	Bromide	210.76		ppm		<5.00			0.554	- 15
Dup	Chloride	317.27		ppm		101.65			0.104	- 15
Dup	Fluoride	208.61		ppm		<5.00			0.368	- 15
Dup	Nitrate	204.40		ppm		<5.00			0.954	- 15
Dup	Nitrite	216.88		ppm		<5.00			0.364	- 15
Dup	Sulfate	731.76		ppm		518.69			0.534	- 15
Matrix Spike	Bromide	211.93		ppm	200	<5.00	106	80 - 120		
Matrix Spike	Chloride	317.60		ppm	200	101.65	108	80 - 120		
Matrix Spike	Fluoride	209.38		ppm	200	<5.00	105	80 - 120		
Matrix Spike	Nitrate	206.36		ppm	200	<5.00	103	80 - 120		
Matrix Spike	Nitrite	217.67		ppm	200	<5.00	109	80 - 120		
Matrix Spike	Sulfate	735.68		ppm	200	518.69	108	80 - 120		

DRO ORO AQUEOUS-12004

AA32799

Matrix Spike	DRO	50.18		mg/L	35	12.88	107			
Matrix Spike	ORO	37.66		mg/L	35	Not Detected	108			
MSD	DRO	53.19		mg/L		12.88				.82373996323
MSD	ORO	40.28		mg/L		Not Detected				.72312034898

AA32946

MB	DRO	Not Detected		mg/L						
MB	ORO	Not Detected		mg/L						

AA32947

LCS	DRO	35.18		mg/L			101	70 - 130		
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Report Date : 10/2/2025

Report Time : 11:30

FINAL RESULTS REPORT

Project Manager: Blair Rollins

Project Name: Love Ranch 8

Project Number: N/A

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
LCS	ORO	36.19		mg/L			103	50 - 150		
AA32948										
LCS	DRO	41.06		mg/L			117	70 - 130		
LCS	ORO	37.77		mg/L			108	50 - 150		

METALS W-12027

AA32815

Dup	Phosphorous	141.94	0.000	µg/L		43.23			5.93	0 - 15
Matrix Spike	Phosphorous	133.77	0.000	µg/L	100	43.23	90.5400	80 - 120		

AA33034

MB	Aluminum	-0.39		µg/L						
MB	Antimony	-0.01		µg/L						
MB	Arsenic	-0.02		µg/L						
MB	Barium	0.05		µg/L						
MB	Beryllium	0.00		µg/L						
MB	Boron	-0.43		µg/L						
MB	Cadmium	-0.01		µg/L						
MB	Calcium	3.08		µg/L						
MB	Chromium	0.00		µg/L						
MB	Copper	0.59		µg/L						
MB	Iron	0.35		µg/L						
MB	Lead	0.00		µg/L						
MB	Magnesium	-0.29		µg/L						
MB	Manganese	-0.03		µg/L						
MB	Mercury	-0.01		µg/L						
MB	Molybdenum	-0.02		µg/L						
MB	Nickel	-.003		µg/L						
MB	Phosphorous	4.99		µg/L						
MB	Potassium	14.33		µg/L						
MB	Selenium	-0.03		µg/L						
MB	Silver	-0.02		µg/L						
MB	Sodium	1.76		µg/L						
MB	Strontium	0.00		µg/L						
MB	Thallium	0.02		µg/L						
MB	Uranium	0.00		µg/L						
MB	Zinc	0.17		µg/L						

AA33036

LCS	Aluminum	88.51	10.000	µg/L			98.3	80 - 120		
LCS	Antimony	95.22	0.050	µg/L			106	80 - 120		
LCS	Arsenic	93.45	0.100	µg/L			104	80 - 120		
LCS	Barium	82.57	0.025	µg/L			91.7	80 - 120		
LCS	Beryllium	93.03	0.100	µg/L			103	80 - 120		
LCS	Boron	90.07	25.000	µg/L			100	80 - 120		
LCS	Cadmium	91.86	0.050	µg/L			102	80 - 120		
LCS	Calcium	930.24	25.000	µg/L			103	80 - 120		
LCS	Chromium	90.90	0.050	µg/L			101	80 - 120		
LCS	Copper	91.62	0.250	µg/L			102	80 - 120		



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Report Date : 10/2/2025

Report Time : 11:30

FINAL RESULTS REPORT

Project Manager: Blair Rollins

Project Name: Love Ranch 8

Project Number: N/A

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
LCS	Iron	90.70	20.000	µg/L			101	80 - 120		
LCS	Lead	92.20	0.100	µg/L			102	80 - 120		
LCS	Magnesium	95.38	25.000	µg/L			106	80 - 120		
LCS	Manganese	91.20	0.050	µg/L			101	80 - 120		
LCS	Mercury	95.85	0.100	µg/L			106	80 - 120		
LCS	Molybdenum	83.92	0.250	µg/L			93.2	80 - 120		
LCS	Nickel	92.02	0.250	µg/L			102	80 - 120		
LCS	Phosphorous	95.09	10.000	µg/L			106	80 - 120		
LCS	Potassium	101.63	25.000	µg/L			113	80 - 120		
LCS	Selenium	81.90	1.000	µg/L			91.0	80 - 120		
LCS	Silver	94.14	0.025	µg/L			105	80 - 120		
LCS	Sodium	89.59	25.000	µg/L			99.5	80 - 120		
LCS	Strontium	91.74	0.025	µg/L			102	80 - 120		
LCS	Thallium	87.94	0.250	µg/L			97.7	80 - 120		
LCS	Uranium	93.71	0.025	µg/L			104	80 - 120		
LCS	Zinc	91.67	10.000	µg/L			102	80 - 120		

AA33037

LCS	Aluminum	82.69	10.000	µg/L			91.9	80 - 120		
LCS	Antimony	94.96	0.050	µg/L			106	80 - 120		
LCS	Arsenic	91.56	0.100	µg/L			102	80 - 120		
LCS	Barium	80.44	0.025	µg/L			89.4	80 - 120		
LCS	Beryllium	91.17	0.100	µg/L			101	80 - 120		
LCS	Boron	86.03	25.000	µg/L			95.6	80 - 120		
LCS	Cadmium	92.71	0.050	µg/L			103	80 - 120		
LCS	Calcium	819.77	25.000	µg/L			91.1	80 - 120		
LCS	Chromium	88.12	0.050	µg/L			97.9	80 - 120		
LCS	Copper	89.02	0.250	µg/L			98.9	80 - 120		
LCS	Iron	87.78	20.000	µg/L			97.5	80 - 120		
LCS	Lead	93.65	0.100	µg/L			104	80 - 120		
LCS	Magnesium	89.46	25.000	µg/L			99.4	80 - 120		
LCS	Manganese	88.17	0.050	µg/L			98.0	80 - 120		
LCS	Mercury	99.19	0.100	µg/L			110	80 - 120		
LCS	Molybdenum	79.59	0.250	µg/L			88.4	80 - 120		
LCS	Nickel	88.69	0.250	µg/L			98.5	80 - 120		
LCS	Phosphorous	89.05	10.000	µg/L			98.9	80 - 120		
LCS	Potassium	91.52	25.000	µg/L			102	80 - 120		
LCS	Selenium	72.69	1.000	µg/L			80.8	80 - 120		
LCS	Silver	90.86	0.025	µg/L			101	80 - 120		
LCS	Sodium	89.51	25.000	µg/L			99.5	80 - 120		
LCS	Strontium	91.01	0.025	µg/L			101	80 - 120		
LCS	Thallium	89.75	0.250	µg/L			99.7	80 - 120		
LCS	Uranium	99.48	0.025	µg/L			111	80 - 120		
LCS	Zinc	89.64	10.000	µg/L			99.6	80 - 120		

VOC 8260 W-12032

AA32786

Dup	Benzene	0.013		mg/L		Not Detected			127	- 30
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800-440-5184

Report Date : 10/2/2025

Report Time : 11:30

FINAL RESULTS REPORT

Project Manager: Blair Rollins

Project Name: Love Ranch 8

Project Number: N/A

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Dup	Ethylbenzene	0.011		mg/L		Not Detected			138	- 30
Dup	Gasoline Range Organics	0.247		mg/L		<0.226			136	
Dup	Methyl t-butyl ether	0.024		mg/L		Not Detected			90.9	- 30
Dup	Naphthalene	0.012		mg/L		<0.00050			194	- 30
Dup	Toluene	0.011		mg/L		Not Detected			131	- 30
Dup	Xylene, total	0.062		mg/L					104	- 30
Matrix Spike	Benzene	0.058		mg/L	0.050	Not Detected	116	70 - 130		
Matrix Spike	Ethylbenzene	0.060		mg/L	0.050	Not Detected	120	70 - 130		
Matrix Spike	Gasoline Range Organics	0.29		mg/L	2.54	<0.226	50.8			
Matrix Spike	Methyl t-butyl ether	0.064		mg/L	0.050	Not Detected	128	70 - 130		
Matrix Spike	Naphthalene	0.79		mg/L	0.050	<0.00050	1580	70 - 130		
Matrix Spike	Toluene	0.053		µg/L	0.050	Not Detected	106	70 - 130		
Matrix Spike	Xylene, total	0.197		mg/L						

AA33046

MB	Benzene	Not Detected		µg/L						
MB	Ethylbenzene	Not Detected		µg/L						
MB	Gasoline Range Organics	Not Detected		µg/L						
MB	m&p-Xylene	Not Detected		µg/L						
MB	Methyl t-butyl ether	Not Detected		µg/L						
MB	Naphthalene	Not Detected		µg/L						
MB	o-Xylene	Not Detected		µg/L						
MB	Toluene	Not Detected		µg/L						
MB	Xylene, total	Not Detected		µg/L						

AA33047

LCS	Benzene	41.74		µg/L			83.5	70 - 130		
LCS	Ethylbenzene	36.54		µg/L			73.1	70 - 130		
LCS	Gasoline Range Organics	0.66.17		µg/L			81.3			
LCS	m&p-Xylene	91.66		µg/L			91.7	70 - 130		
LCS	Methyl t-butyl ether	40.39		µg/L			80.8	70 - 130		
LCS	Naphthalene	53.20		µg/L			106	70 - 130		
LCS	o-Xylene	42.32		µg/L			84.6	70 - 130		
LCS	Toluene	37.06		µg/L			74.1	70 - 130		
LCS	Xylene, total	133.98		µg/L			89.3	70 - 130		

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LCS	Benzene	46.65		µg/L			93.3	70 - 130		
LCS	Ethylbenzene	42.73		µg/L			85.5	70 - 130		
LCS	Gasoline Range Organics	0.95.95		µg/L			75.8			
LCS	m&p-Xylene	86.44		µg/L			86.4	70 - 130		
LCS	Methyl t-butyl ether	38.59		µg/L			77.2	70 - 130		
LCS	Naphthalene	42.02		µg/L			84.0	70 - 130		
LCS	o-Xylene	43.83		µg/L			87.7	70 - 130		
LCS	Toluene	42.28		µg/L			84.6	70 - 130		
LCS	Xylene, total	130.27		µg/L			86.8	70 - 130		



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 10/2/2025

Report Time : 11:30

FINAL RESULTS REPORT

Project Manager: Blair Rollins

Project Name: Love Ranch 8

Project Number: N/A

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name	Analysis Start	Recovery					

Qualifier	Explanation
H1	Sample received outside of regulatory holding time.
H2	Sample analyzed outside of regulatory holding time due to a laboratory error.
P1	Sample received outside temperature requirements, 0-6°C.
P2	Sample received unpreserved.
P3	Broken or leaking sample container.
P4	Sample improperly collected
P5	Sample incorrectly preserved
B1	Blank failed high, indicating possible high bias in sample results.
B2	Blank failed low, indicating possible low bias in sample results.
MS	Matrix Spike / Matrix Spike Duplicate recovery and/or RPD limit exceeded, indicating potential matrix interference.
D1	Duplicate RPD limit exceeded due to low sample concentration.
D2	Duplicate RPD limit exceeded due to matrix interference.
S	Surrogate recovery failed, indicating potential matrix interference.
RL1	Reporting limits raised due to matrix interference.
RL2	Reporting limits raised due to limited sample.
U	Sample result less than method detection limit.
J	Sample result less than reporting limit but higher than method detection limit.
EST	The concentration indicated has been estimated due to high analyte content.
E	Electronic loss or corruption of data.
I	Subcontracted sample