

**Division of Environmental Testing**

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

January 23, 2025

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

Project Manager : Andrew Verbonitz
Project Name : P27 595 1A-34 Flowline Release
Project Number : N/A

Attached are the analytical results for P27 595 1A-34 Flowline Release N/A received by Elevation Diagnostics, Division of Environmental Testing on January 17, 2025. This is associated with Elevation's number AA16630 .

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 Operating, LLC
 Address: 143 Diamond Avenue
 City/State/ZIP: Parachute/ Colorado/ 81635
 Phone: (970) 902-3598
 Project Contact: Andrew Verbonitz

Elevation Diagnostics

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

Project Name/Number: P27 595 1A-34 Flowline Release
 Project Location: P27 595
 Collector Name: Alex Slorby

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	Table 915-1 VOC's	TPH (ORO, GRO, DRO)	Table 915-1 Metal's	Table 915-1 PAHs	pH, EC, SAR	Boron (Hot Water Soluble Soil)	CR6IC	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Notes	
1	20250116-P27 595-(STOCK)	1/16/2025	1240	4						<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 checked="" type="checkbox"/>			
2																					
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					



Relinquished By: <u>Alex Slorby</u> Date/Time: <u>1/16/2025 1736</u>	Relinquished By: _____ Date/Time: _____	Relinquished By: _____ Date/Time: _____	Scan to Deliver Samples EFOR-008.005
Lab Use Only Observed Temperature Upon Receipt: <u>1.9°C</u> Corrected Temperature Upon Receipt: <u>3.2°C</u> Thermometer #: <u>EDXEQ238</u> Correction Factor: <u>+1.3°C</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> <u>N/A</u> Name/Lot Number of Adjustment: _____	Lot/EQM Number: <u>2025-01-17-005</u>	

**Division of Environmental Testing**

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Aurora, CO 80045

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Report Date : 1/23/2025**Report Time :** 13:45**FINAL RESULTS REPORT****Project Manager:** Andrew Verbonitz**Project Name:** P27 595 1A-34 Flowline Release**Project Number:** N/A

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
AA16630-1	20250116-P27 595-(STOCK)	Collected : 01/16/2025	12:40				
SAR - Calcium		01/23/2025	11:02	10.00	6.84	mEq/L	0.50 EPA 6020B
SAR - Magnesium		01/23/2025	11:02	10.00	3.75	mEq/L	0.82 EPA 6020B
SAR - Sodium		01/23/2025	11:02	10.00	3.07	mEq/L	0.43 EPA 6020B
SAR - Sodium Adsorption Ratio		01/23/2025	11:02	10.00	1.34	No Unit	EPA 6020B
Soil Conductivity		01/21/2025	16:33		1.33	mmhos/cm	0.0005 USDA 60
AA16630-2	20250116-P27 595-(STOCK)	Collected : 01/16/2025	12:40				
Hot Water Soluble Boron		01/22/2025	13:13		0.69	mg/kg	0.050 Boron Hot Water Extraction
pH, Soils Temperature		01/22/2025	09:57		19.3	°C	
pH, Soils		01/22/2025	09:57		8.62	SU	0.01 EPA 9045D
AA16630-3	20250116-P27 595-(STOCK)	Collected : 01/16/2025	12:40				
Chromium VI, Soil		01/22/2025	09:53		<0.08	mg/kg	0.080 EPA 7199
Total Metals, Soils - Arsenic		01/22/2025	10:28	10.00	23.24	mg/kg	0.025 EPA 6020B
Total Metals, Soils - Barium		01/22/2025	10:28	100.00	2327.86	mg/kg	0.025 EPA 6020B
Total Metals, Soils - Cadmium		01/22/2025	10:28	10.00	0.43	mg/kg	0.001 EPA 6020B
Total Metals, Soils - Copper		01/22/2025	10:28	10.00	5.83	mg/kg	0.025 EPA 6020B
Total Metals, Soils - Lead		01/22/2025	10:28	10.00	13.30	mg/kg	0.025 EPA 6020B
Total Metals, Soils - Nickel		01/22/2025	10:28	10.00	15.95	mg/kg	0.025 EPA 6020B
Total Metals, Soils - Selenium		01/22/2025	10:28	10.00	3.49	mg/kg	0.025 EPA 6020B
Total Metals, Soils - Silver		01/22/2025	10:28	10.00	<0.25 - RL1	mg/kg	0.25 EPA 6020B
Total Metals, Soils - Zinc		01/22/2025	10:28	10.00	45.78	mg/kg	0.025 EPA 6020B
AA16630-4	20250116-P27 595-(STOCK)	Collected : 01/16/2025	12:40				
DRO & ORO, Soil - DRO		01/21/2025	07:14		<100.00	mg/kg	100.00 EPA 8015D
DRO & ORO, Soil - ORO		01/21/2025	07:14		Not Detected	mg/kg	100.00 EPA 8015D
Gasoline Range Organics, Soil		01/20/2025	11:48		6.07	mg/kg	0.26827 EPA 8260
SVOC, Soils - 1-methylnaphthalene		01/21/2025	09:48	10.00	<0.0313 - RL1	mg/kg	0.0313 EPA 8270
SVOC, Soils - 2-methylnaphthalene		01/21/2025	09:48	10.00	<0.10 - RL1	mg/kg	0.10 EPA 8270
SVOC, Soils - Acenaphthene		01/21/2025	09:48	10.00	Not Detected - RL1	mg/kg	0.10 EPA 8270
SVOC, Soils - Anthracene		01/21/2025	09:48	10.00	Not Detected - RL1	mg/kg	0.10 EPA 8270
SVOC, Soils - Benz(a)anthracene		01/21/2025	09:48	10.00	Not Detected - RL1	mg/kg	0.10 EPA 8270
SVOC, Soils - Benzo(a)pyrene		01/21/2025	09:48	10.00	Not Detected - RL1	mg/kg	0.10 EPA 8270
SVOC, Soils - Benzo(b)fluoranthene		01/21/2025	09:48	10.00	Not Detected - RL1	mg/kg	0.10 EPA 8270
SVOC, Soils - Benzo(k)fluoranthene		01/21/2025	09:48	10.00	Not Detected - RL1	mg/kg	0.10 EPA 8270
SVOC, Soils - Chrysene		01/21/2025	09:48	10.00	Not Detected - RL1	mg/kg	0.10 EPA 8270
SVOC, Soils - Dibenzo(a,h)anthracene		01/21/2025	09:48	10.00	Not Detected - RL1	mg/kg	0.10 EPA 8270
SVOC, Soils - Fluoranthene		01/21/2025	09:48	10.00	Not Detected - RL1	mg/kg	0.10 EPA 8270
SVOC, Soils - Fluorene		01/21/2025	09:48	10.00	Not Detected - RL1	mg/kg	0.10 EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		01/21/2025	09:48	10.00	Not Detected - RL1	mg/kg	0.10 EPA 8270
SVOC, Soils - Naphthalene		01/21/2025	09:48	10.00	0.073 - J	mg/kg	0.00306 EPA 8270
SVOC, Soils - Pyrene		01/21/2025	09:48	10.00	Not Detected - RL1	mg/kg	0.10 EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		01/20/2025	14:33	10.00	0.308	mg/kg	0.00245 EPA 8260
VOC, Soils - 1,3,5-trimethylbenzene		01/20/2025	14:33		0.074	mg/kg	0.005 EPA 8260
VOC, Soils - Benzene		01/20/2025	14:33		0.0086	mg/kg	0.00242 EPA 8260
VOC, Soils - Ethylbenzene		01/20/2025	14:33		0.013	mg/kg	0.005 EPA 8260

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Sample ID	Customer ID	Collected		Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start						Recovery
VOC, Soils - m&p- xylene		01/20/2025	14:33	10.00	0.218	mg/kg	0.00427	EPA 8260
VOC, Soils - o-xylene		01/20/2025	14:33	10.00	0.147	mg/kg	0.00227	EPA 8260
VOC, Soils - Toluene		01/20/2025	14:33		0.065	mg/kg	0.00263	EPA 8260
VOC, Soils - Xylenes, total		01/20/2025	14:33	10.00	0.365	mg/kg	0.00654	EPA 8260



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FINAL RESULTS REPORT

Report Date : 1/23/2025

Report Time : 13:45

Project Manager: Andrew Verbonitz

Project Name: P27 595 1A-34 Flowline Release

Project Number: N/A

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
BORON-6723										
DUP	AA16625	0.70	0.050	mg/kg					4.3796	-15 - 15
MB	AA16686	0.01		mg/kg						
LCS	AA16687	1.04		mg/kg	1.00		104	80 - 120		
LCS	AA16688	9.14		mg/kg	9.00		102	80 - 120		
CHROM_VI_SOIL-6702										
DUP	AA16625	<0.08	0.080	mg/kg						
MB	AA16649	0.02		mg/kg						
LCS	AA16651	0.033		mg/kg	0.04		82.5			
LCS	AA16652	0.033		mg/kg	0.04		82.5			
ECISOIL_MMHOS-6726										
DUP	AA16625	2.10		mmhos/cm					0.94787	
LCS	AA16694	9.47		mmhos/cm	10.00		94.7			
LCS	AA16695	9.55		mmhos/cm	10.00		95.5			
GRO_SOIL-6715										
DUP	AA16625	3.84	0.26827	mg/kg					2.3715	
Matrix Spike	AA16625	3.75		mg/kg	3.40		71.2			
MB	AA16670	<0.27		mg/kg						
LCS	AA16671	3.40		mg/kg	3.40		100			
LCS	AA16672	3.44		mg/kg	3.40		101			
PH_S-6727										
DUP	AA16628	8.70	0.01	S.U.					0.1150086256	-5 - 5
LCS	AA16697	6.88	0.01	S.U.	6.86		100	95 - 105		
LCS	AA16698	6.90	0.01	S.U.	6.86		101	95 - 105		

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QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
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DRO_ORO_SOIL-6710**AA16625**

Dup	DRO	325.46				Not Detected			20.4	
Dup	ORO	408.99				Not Detected			24.4	
Matrix Spike	DRO	265.16		mg/kg	350	Not Detected	75.8			
Matrix Spike	ORO	319.91		mg/kg	350	Not Detected	91.4			

AA16664

MB	DRO	Not Detected		mg/kg						
MB	ORO	Not Detected		mg/kg						

AA16665

LCS	DRO	278.09		mg/kg			79.5			
LCS	ORO	326.47		mg/kg			93.3			

AA16666

LCS	DRO	347.34		mg/kg			99.2			
LCS	ORO	417.87		mg/kg			119			

METALS S-6725**AA16625**

Dup	Arsenic	19.45	0.025	mg/kg		20.07			3.14	0 - 15
Dup	Barium	1524.90	0.025	mg/kg		1391.57			9.14	0 - 15
Dup	Cadmium	0.63	0.001	mg/kg		0.69			9.09	0 - 15
Dup	Copper	5.77	0.025	mg/kg		5.23			9.82	0 - 15
Dup	Lead	13.56	0.025	mg/kg		14.62			7.52	0 - 15
Dup	Nickel	15.56	0.025	mg/kg		15.79			1.47	0 - 15
Dup	Selenium	3.88	0.025	mg/kg		3.66			5.84	0 - 15
Dup	Silver	<0.25	0.25	mg/kg		<0.25				
Dup	Zinc	54.65	0.025	mg/kg		51.24			6.44	0 - 15
Matrix Spike	Arsenic	39.56		mg/kg	20	20.07	97.4			
Matrix Spike	Barium	1672.89		mg/kg	200	1391.57	141			
Matrix Spike	Cadmium	21.27		mg/kg	20	0.69	103			
Matrix Spike	Copper	23.96		mg/kg	20	5.23	93.6			
Matrix Spike	Lead	33.20		mg/kg	20	14.62	92.9			
Matrix Spike	Nickel	34.02		mg/kg	20	15.79	91.2			
Matrix Spike	Selenium	26.52		mg/kg	20	3.66	114			
Matrix Spike	Silver	17.56		mg/kg	20	<0.25	87.8			
Matrix Spike	Zinc	74.86		mg/kg	20	51.24	118			

AA16689

MB	Arsenic	0.00		mg/kg						
MB	Barium	0.00		mg/kg						
MB	Cadmium	0.00		mg/kg						
MB	Copper	-0.02		mg/kg						
MB	Lead	0.00		mg/kg						
MB	Nickel	0.00		mg/kg						
MB	Selenium	0.00		mg/kg						
MB	Silver	0.00		mg/kg						
MB	Zinc	-0.02		mg/kg						

AA16691



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Project Manager: Andrew Verbonitz

Project Name: P27 595 1A-34 Flowline Release

Project Number: N/A

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
LCS	Arsenic	0.10		mg/kg			100	80 - 120		
LCS	Barium	0.10		mg/kg			100	80 - 120		
LCS	Cadmium	0.11		mg/kg			110	80 - 120		
LCS	Copper	0.09		mg/kg			90.0	80 - 120		
LCS	Lead	0.11		mg/kg			110	80 - 120		
LCS	Nickel	0.11		mg/kg			110	80 - 120		
LCS	Selenium	0.11		mg/kg			110	80 - 120		
LCS	Silver	0.10		mg/kg			111	80 - 120		
LCS	Zinc	0.10		mg/kg			100	80 - 120		

AA16692

LCS	Arsenic	0.11		mg/kg			110	80 - 120		
LCS	Barium	0.10		mg/kg			100	80 - 120		
LCS	Cadmium	0.11		mg/kg			110	80 - 120		
LCS	Copper	0.10		mg/kg			100	80 - 120		
LCS	Lead	0.10		mg/kg			100	80 - 120		
LCS	Nickel	0.10		mg/kg			100	80 - 120		
LCS	Selenium	0.10		mg/kg			100	80 - 120		
LCS	Silver	0.10		mg/kg			111	80 - 120		
LCS	Zinc	0.11		mg/kg			110	80 - 120		

SAR-6732

AA16625

Dup	Calcium	15.94		mEq/L	15.94	13.82			14.2	
Dup	Magnesium	6.93		mEq/L	6.93	5.99			14.6	
Dup	Sodium	4.57		mEq/L	4.57	4.30			6.09	
Dup	Sodium Adsorption Ratio	1.35		mEq/L	1.35	1.37			1.47	

AA16708

MB	Calcium	0.00		mEq/L						
MB	Magnesium	0.00		mEq/L						
MB	Sodium	0.00		mEq/L						
MB	Sodium Adsorption Ratio	0.00								

AA16709

LCS	Calcium	9.60		ppm			96.0			
LCS	Magnesium	9.25		ppm			92.5			
LCS	Sodium	9.03		ppm			90.3			
LCS	Sodium Adsorption Ratio	0.50		ppm			92.6			

AA16710

LCS	Calcium	454.79		ppm			91.0			
LCS	Magnesium	493.44		ppm			98.7			
LCS	Sodium	498.66		ppm			99.7			
LCS	Sodium Adsorption Ratio	3.86		ppm			102			

SVOC SOIL-6720

AA16625

Dup	1-methylnaphthalene	0.292	0.00313	mg/kg		0.007			0.343	
Dup	2-methylnaphthalene	0.275	0.010	mg/kg		0.012			12.4	
Dup	Acenaphthene	0.269	0.010	mg/kg		Not Detected			10.9	
Dup	Anthracene	0.347	0.010	mg/kg		Not Detected			2.00	



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Project Manager: Andrew Verbonitz

Project Name: P27 595 1A-34 Flowline Release

Project Number: N/A

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Dup	Benz(a)anthracene	0.295	0.010	mg/kg		Not Detected			2.35	
Dup	Benzo(a)pyrene	0.239	0.010	mg/kg		Not Detected			3.70	
Dup	Benzo(b)fluoranthene	0.283	0.010	mg/kg		Not Detected			1.40	
Dup	Benzo(k)fluoranthene	0.274	0.010	mg/kg		Not Detected			2.17	
Dup	Chrysene	0.280	0.010	mg/kg		Not Detected			4.88	
Dup	Dibenz(a,h)anthracene	0.258	0.010	mg/kg		Not Detected			8.53	
Dup	Fluoranthene	0.361	0.010	mg/kg		Not Detected			1.92	
Dup	Fluorene	0.349	0.010	mg/kg		Not Detected			0.863	
Dup	Indeno(1,2,3-cd)pyrene	0.250	0.010	mg/kg		<0.010			2.76	
Dup	Naphthalene	0.247	0.00306	mg/kg		0.016			1.21	
Dup	Pyrene	0.343	0.010	mg/kg		Not Detected			8.11	
Matrix Spike	1-methylnaphthalene	0.291	0.00313	mg/kg	0.300	0.007	94.7			
Matrix Spike	2-methylnaphthalene	0.243	0.010	mg/kg	0.300	0.012	77.0			
Matrix Spike	Acenaphthene	0.300	0.010	mg/kg	0.300	Not Detected	100			
Matrix Spike	Anthracene	0.354	0.010	mg/kg	0.300	Not Detected	118			
Matrix Spike	Benz(a)anthracene	0.302	0.010	mg/kg	0.300	Not Detected	101			
Matrix Spike	Benzo(a)pyrene	0.248	0.010	mg/kg	0.300	Not Detected	82.7			
Matrix Spike	Benzo(b)fluoranthene	0.287	0.010	mg/kg	0.300	Not Detected	95.7			
Matrix Spike	Benzo(k)fluoranthene	0.280	0.010	mg/kg	0.300	Not Detected	93.3			
Matrix Spike	Chrysene	0.294	0.010	mg/kg	0.300	Not Detected	98.0			
Matrix Spike	Dibenz(a,h)anthracene	0.281	0.010	mg/kg	0.300	Not Detected	93.7			
Matrix Spike	Fluoranthene	0.368	0.010	mg/kg	0.300	Not Detected	123			
Matrix Spike	Fluorene	0.346	0.010	mg/kg	0.300	Not Detected	115			
Matrix Spike	Indeno(1,2,3-cd)pyrene	0.257	0.010	mg/kg	0.300	<0.010	85.7			
Matrix Spike	Naphthalene	0.250	0.00306	mg/kg	0.300	0.016	78.0			
Matrix Spike	Pyrene	0.372	0.010	mg/kg	0.300	Not Detected	124			

AA16680

MB	1-methylnaphthalene	Not Detected	0.00313	mg/kg						
MB	2-methylnaphthalene	Not Detected	0.010	mg/kg						
MB	Acenaphthene	Not Detected	0.010	mg/kg						
MB	Anthracene	Not Detected	0.010	mg/kg						
MB	Benz(a)anthracene	<0.010	0.010	mg/kg						
MB	Benzo(a)pyrene	Not Detected	0.010	mg/kg						
MB	Benzo(b)fluoranthene	Not Detected	0.010	mg/kg						
MB	Benzo(k)fluoranthene	Not Detected	0.010	mg/kg						
MB	Chrysene	Not Detected	0.010	mg/kg						
MB	Dibenz(a,h)anthracene	Not Detected	0.010	mg/kg						
MB	Fluoranthene	Not Detected	0.010	mg/kg						
MB	Fluorene	Not Detected	0.010	mg/kg						
MB	Indeno(1,2,3-cd)pyrene	Not Detected	0.010	mg/kg						
MB	Naphthalene	Not Detected	0.00306	mg/kg						
MB	Pyrene	Not Detected	0.010	mg/kg						

AA16681

LCS	1-methylnaphthalene	0.271	0.00313	mg/kg			90.3			
LCS	2-methylnaphthalene	0.219	0.010	mg/kg			73.0			
LCS	Acenaphthene	0.231	0.010	mg/kg			77.0			
LCS	Anthracene	0.271	0.010	mg/kg			90.3			

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FINAL RESULTS REPORT**Report Date :** 1/23/2025**Report Time :** 13:45**Project Manager:** Andrew Verbonitz**Project Name:** P27 595 1A-34 Flowline Release**Project Number:** N/A**QC Report**

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
LCS	Benz(a)anthracene	0.313	0.010	mg/kg			104			
LCS	Benzo(a)pyrene	0.224	0.010	mg/kg			74.7			
LCS	Benzo(b)fluoranthene	0.285	0.010	mg/kg			95.0			
LCS	Benzo(k)fluoranthene	0.276	0.010	mg/kg			92.0			
LCS	Chrysene	0.304	0.010	mg/kg			101			
LCS	Dibenz(a,h)anthracene	0.252	0.010	mg/kg			84.0			
LCS	Fluoranthene	0.357	0.010	mg/kg			119			
LCS	Fluorene	0.249	0.010	mg/kg			83.0			
LCS	Indeno(1,2,3-cd)pyrene	0.250	0.010	mg/kg			83.3			
LCS	Naphthalene	0.236	0.00306	mg/kg			78.7			
LCS	Pyrene	0.364	0.010	mg/kg			121			

AA16682

LCS	1-methylnaphthalene	0.257	0.00313	mg/kg			85.7			
LCS	2-methylnaphthalene	0.214	0.010	mg/kg			71.3			
LCS	Acenaphthene	0.213	0.010	mg/kg			71.0			
LCS	Anthracene	0.269	0.010	mg/kg			89.7			
LCS	Benz(a)anthracene	0.314	0.010	mg/kg			105			
LCS	Benzo(a)pyrene	0.231	0.010	mg/kg			77.0			
LCS	Benzo(b)fluoranthene	0.294	0.010	mg/kg			98.0			
LCS	Benzo(k)fluoranthene	0.293	0.010	mg/kg			97.7			
LCS	Chrysene	0.314	0.010	mg/kg			105			
LCS	Dibenz(a,h)anthracene	0.249	0.010	mg/kg			83.0			
LCS	Fluoranthene	0.367	0.010	mg/kg			122			
LCS	Fluorene	0.238	0.010	mg/kg			79.3			
LCS	Indeno(1,2,3-cd)pyrene	0.264	0.010	mg/kg			88.0			
LCS	Naphthalene	0.216	0.00306	mg/kg			72.0			
LCS	Pyrene	0.373	0.010	mg/kg			124			

VOC_S-6711**AA16625**

Dup	1,2,4-trimethylbenzene	0.076		mg/kg		0.032			17.1	
Dup	1,3,5-trimethylbenzene	0.036		mg/kg		0.0086			25.0	
Dup	Benzene	0.061		mg/kg		<0.0024			12.2	
Dup	Ethylbenzene	0.044		mg/kg		<0.0050			22.8	
Dup	m&p- xylene	0.115		mg/kg		0.023			18.0	
Dup	o-xylene	0.048		mg/kg		0.009			23.3	
Dup	Toluene	0.066		mg/kg		0.007			11.2	
Dup	Xylenes, total	0.163		mg/kg		0.032			19.5	
Matrix Spike	1,2,4-trimethylbenzene	0.064		mg/kg	0.050	0.032	64.0			
Matrix Spike	1,3,5-trimethylbenzene	0.028		mg/kg	0.050	0.0086	38.8			
Matrix Spike	Benzene	0.054		mg/kg	0.050	<0.0024	108			
Matrix Spike	Ethylbenzene	0.035		mg/kg	0.050	<0.0050	70.0			
Matrix Spike	m&p- xylene	0.096		mg/kg	0.100	0.023	73.0			
Matrix Spike	Naphthalene				0.050	0.016				
Matrix Spike	o-xylene	0.038		mg/kg	0.050	0.009	58.0			
Matrix Spike	Toluene	0.059		mg/kg	0.050	0.007	104			
Matrix Spike	Xylenes, total	0.134		mg/kg	0.150	0.032	68.0			



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

FINAL RESULTS REPORT

Report Date : 1/23/2025

Report Time : 13:45

Project Manager: Andrew Verbonitz

Project Name: P27 595 1A-34 Flowline Release

Project Number: N/A

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
AA16667										
MB	1,2,4-trimethylbenzene	<0.0025		mg/kg						
MB	1,3,5-trimethylbenzene	Not Detected		mg/kg						
MB	Benzene	Not Detected		mg/kg						
MB	Ethylbenzene	Not Detected		mg/kg						
MB	m&p- xylene	Not Detected		mg/kg						
MB	Naphthalene	Not Detected		mg/kg						
MB	o-xylene	Not Detected		mg/kg						
MB	Toluene	<0.0026		mg/kg						
MB	Xylenes, total	Not Detected		mg/kg						
AA16668										
LCS	1,2,4-trimethylbenzene	0.054		mg/kg				108		
LCS	1,3,5-trimethylbenzene	0.060		mg/kg				120		
LCS	Benzene	0.056		mg/kg				112		
LCS	Ethylbenzene	0.061		mg/kg				122		
LCS	m&p- xylene	0.125		mg/kg				125		
LCS	Naphthalene	0.040		mg/kg				80.0		
LCS	o-xylene	0.060		mg/kg				120		
LCS	Toluene	0.057		mg/kg				114		
LCS	Xylenes, total	0.185		mg/kg				123		
AA16669										
LCS	1,2,4-trimethylbenzene	0.058		mg/kg				116		
LCS	1,3,5-trimethylbenzene	0.057		mg/kg				114		
LCS	Benzene	0.054		mg/kg				108		
LCS	Ethylbenzene	0.065		mg/kg				130		
LCS	m&p- xylene	0.126		mg/kg				126		
LCS	Naphthalene	0.038		mg/kg				76.0		
LCS	o-xylene	0.061		mg/kg				122		
LCS	Toluene	0.060		mg/kg				120		
LCS	Xylenes, total	0.187		mg/kg				125		

**Division of Environmental Testing**

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FINAL RESULTS REPORT**Report Date :** 1/23/2025**Report Time :** 13:45**Project Manager:** Andrew Verbonitz**Project Name:** P27 595 1A-34 Flowline Release**Project Number:** N/A

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

QualifierExplanation

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.
E	Electronic loss or corruption of data.
I	Subcontracted sample