



Fremont Environmental

Paul Henehan

8305 6th St, PO Box 1289

Wellington CO 80549

March 31, 2025

Project Name - Pierce Station

Project Number - C020-025

Attached are your analytical results for Pierce Station received by Origins Laboratory March 12, 2025. This project is associated with Origins project number E5C0372-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

Unless otherwise noted, the analytical results for all soil samples are reported on a wet weight basis. All analytical analyses were performed under NELAP guidelines unless noted by a data qualifier.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory
303.433.1322
projectmanager@originslab.com



1725 Elk Place, Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645



Fremont Environmental
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Wellington CO 80549

Paul Henehan
Project Number: C020-025
Project: Pierce Station

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Pierce-SVE	E5C0372-01	Air	March 7, 2025 15:35	03/12/2025 10:50

Origins Laboratory

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ORIGINS LABORATORY

Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: C020-025
Project: Pierce Station

Origins Laboratory F-012207-01-R1
Effective Date: 01/09/12

Sample Receipt Checklist

Origins Work Order: E5C0372 Client: Fremont
Client Project ID: Pierce Station

Checklist Completed by: NKM/JAR Shipped Via: HD
Date/time completed: 03/12/25 (UPS, FedEx, Hand Delivered, Pick-up, etc.)
Airbill #: N/A

Matrix(s) Received: (Check all that apply): Soil/Solid Water Other: Air (Describe)

Cooler Number/Temperature: N/A °C

Thermometer ID: T-001

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ^{(1)?}			<input checked="" type="checkbox"/>	<u>Air</u>
Is there ice present (document if blue ice is used)			<input checked="" type="checkbox"/>	
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		<input checked="" type="checkbox"/>		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		<input checked="" type="checkbox"/>		
Were all samples received intact ^{(1)?}	<input checked="" type="checkbox"/>			
Was adequate sample volume provided ^{(1)?}	<input checked="" type="checkbox"/>			
Are short holding time analytes or samples with HTs due within 48 hours present ^{(1)?}	<input checked="" type="checkbox"/>			
Is a chain-of-custody (COC) present and filled out completely ^{(1)?}	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received ^{(1)?}	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC ^{(1)?}	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client with date and time recorded ^{(1)?}	<input checked="" type="checkbox"/>			
For volatiles in water - is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.	<input checked="" type="checkbox"/>			
Are samples preserved that require preservation and was it checked ^{(1)?} (note ID of container instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity) (pH < 2 for samples preserved with HNO ₃ , HCL, H ₂ SO ₄) / (pH > 10 for samples preserved with NaOH, 2-NaOH, ZnCl ₂ -NaOH)			<input checked="" type="checkbox"/>	
Additional Comments (if any):				

⁽¹⁾If NO, then contact the client before proceeding with analysis and note date/time and person contacted as well as the corrective action to in the additional comments (above) and the case narrative.

Reviewed by (Project Manager) AX

Date/Time Reviewed 3/13/25

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Pierce-SVE
3/7/2025 3:35:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5C0372-01 (Air)									
Enthalpy Analytical									
GBTEX by TO-15									
Benzene	ND	3	3	ug/M ³ Air	2	BIC1225	03/25/2025	03/25/2025	
Ethylbenzene	ND	4	4	"	"	"	"	"	
m+p-Xylenes	ND	9	9	"	"	"	"	"	
o-Xylene	ND	4	4	"	"	"	"	"	
Toluene	ND	4	4	"	"	"	"	"	
Xylenes, Total	ND	10	10	"	"	"	"	"	
GRO	160	7	7	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene (Surr)	107 %			80-120	"	"	"	"	

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**GBTEX by TO-15 - Quality Control
 Enthalpy Analytical**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BIC1225 - No Prep VOC Air

Blank (BIC1225-BLK1)

Prepared: 03/24/2025 Analyzed: 03/24/2025

Benzene	ND	2	ug/M ³ Air							
Ethylbenzene	ND	2	"							
m+p-Xylenes	ND	4	"							
o-Xylene	ND	2	"							
Toluene	ND	2	"							
Xylenes, Total	ND	7	"							
GRO	ND	1	"							

Surrogate: 4-Bromofluorobenzene (Surr) 4.82 ppbv 5.00 96.4 80-120

LCS (BIC1225-BS1)

Prepared: 03/24/2025 Analyzed: 03/24/2025

Benzene	5.49		ppbv	5.00		110	70-130			
Ethylbenzene	6.22		"	5.00		124	70-130			
m+p-Xylenes	12.2		"	10.0		122	70-130			
o-Xylene	6.07		"	5.00		121	70-130			
Toluene	5.55		"	5.00		111	70-130			
GRO	318		"	270		118	70-130			

Surrogate: 4-Bromofluorobenzene (Surr) 5.30 " 5.00 106 70-130

LCS Dup (BIC1225-BSD1)

Prepared: 03/24/2025 Analyzed: 03/24/2025

Benzene	5.49		ppbv	5.00		110	70-130	0.00	25	
Ethylbenzene	6.16		"	5.00		123	70-130	0.969	25	
m+p-Xylenes	12.1		"	10.0		121	70-130	0.493	25	
o-Xylene	6.01		"	5.00		120	70-130	0.993	25	
Toluene	5.54		"	5.00		111	70-130	0.180	25	
GRO	316		"	270		117	70-130	0.492	25	

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**GBTEX by TO-15 - Quality Control
Enthalpy Analytical**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BIC1225 - No Prep VOC Air

LCS Dup (BIC1225-BSD1)

Prepared: 03/24/2025 Analyzed: 03/24/2025

Surrogate: 4-Bromofluorobenzene (Surr)	5.25		ppbv	5.00		105	70-130			
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Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
 - RPD Relative Percent Difference
- All soil results are reported on a wet weight basis.

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