



Hazen Research, Inc.
4601 Indiana Street
Golden, CO 80403 USA
Tel: (303) 279-4501
Fax: (303) 278-1528

Lab Control ID: 25H03762

Received: Nov 17, 2025

Reported: Dec 05, 2025

Purchase Order No.

None Received

Customer ID: 05377Z

Account ID: Z01034

Rebecca Bertke
Colorado Analytical Laboratories, Inc.
10411 Heinz Way
Commerce City, CO 80640

ANALYTICAL REPORT

*Report may only be copied in its entirety.
Results reported herein relate only to discrete samples
submitted by the client. Hazen Research, Inc. does not warrant
that the results are representative of anything other than the
samples that were received in the laboratory*

Reviewed and approved by:

Roxanne Sullivan



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ANALYTICAL REPORT

Rebecca Bertke

Colorado Analytical Laboratories, Inc.

Lab Sample ID			25H03762-001					
Customer Sample ID			251113146-01 - Perry Park Water & Sanitation - PWSID: CO0118045 - 009 sampled on 11/13/25 @ 1230					
Parameter	Units	Code	Result	Precision* +/-	Detection Limit	Method	Analysis Date / Time	Analyst
Radium-226	pCi/L	T	1.5	0.4	0.2	SM 7500-Ra B	11/26/25 @ 1156	KT
Radium-228	pCi/L	T	3.8	0.8	0.2	EPA pg.19	11/24/25 @ 1246	AT

Certification ID's: CO/EPA CO00008

*Variability of the radioactive decay process (counting error) at the 95% confidence level, 1.96 sigma.

Codes: (T) = Total (D) = Dissolved (S) = Suspended (R) = Replicate Sample (AR) = As Received < = Less Than

HAZEN RESEARCH, INC.
RADIOCHEMISTRY LABORATORY

Date: 11/26/2025

Batch QC Summary Form

Analyte: Radium-226

Control Standard/LFB: ID: C73-12 pCi/mL: 5.28 (use 2 diluted)

Spike Solution: ID: C73-12 pCi/mL: 5.28 (use 2 mL)

Spike Recovery Calculation: Sample: 25H03774-02c

$$\text{Calculation: } \frac{(10.3) (1.000) - (0.1) (1.000)}{10.56} \times 100 = 97\%$$

Batch QC Evaluation:

Parameter	Criteria	Pass	Fail	N/A
Control Std./LFB	+/- 20 %	x		
Spike Recovery	80 - 120 %	x		
Blank	< or = 3 x Uncertainty	x		
Duplicate 1	95% confidence interval overlap	x		
Duplicate 2 *	95% confidence interval overlap			x

* Required for batch size greater than 10 samples.

Conclusions:

 x Batch QC Passes**
 Batch QC Fails
 Batch QC Passes, with exceptions**:

Reruns Required: _____

Narrative:

**All QC data provided in this section of the report met the acceptance criteria specified in the analytical methods and procedures. State Maximum Contamination Levels (MCLs) are not evaluated in this report.

Batch Listing by Lab Control Number:

25H03741	_____
25H03752	_____
25H03753	_____
25H03762	_____
25H03763	_____
25H03768	_____
25H03775	_____
25H03774	_____
_____	_____
_____	_____

Evaluator:

 _____

12/02/2025

Date

HAZEN RESEARCH, INC.
RADIOCHEMISTRY LABORATORY

Date: 11/24/2025

Batch QC Summary Form

Analyte: Radium-228

Control Standard/LFB: ID: C6-011 pCi/mL: 14.2 (use 5 diluted)

Spike Solution: ID: C6-011 pCi/mL: 14.2 (use 5 mL)

Spike Recovery Calculation: Sample: 25H03782-2c

$$\text{Calculation: } \frac{(68.0) (1.000) - (0.6) (1.000)}{71} \times 100 = 95\%$$

Batch QC Evaluation:

Parameter	Criteria	Pass	Fail	N/A
Control Std./LFB	+/- 20 %	x		
Spike Recovery	80 - 120 %	x		
Blank	< or = 3 x Uncertainty	x		
Duplicate 1	95% confidence interval overlap	x		
Duplicate 2 *	95% confidence interval overlap			x

* Required for batch size greater than 10 samples.

Conclusions:

 x Batch QC Passes**
 Batch QC Fails
 Batch QC Passes, with exceptions**:

Reruns Required: _____

Narrative:

**All QC data provided in this section of the report met the acceptance criteria specified in the analytical methods and procedures. State Maximum Contamination Levels (MCLs) are not evaluated in this report.

Batch Listing by Lab Control Number:

25H03762	_____
25H03763	_____
25H03768	_____
25H03774	_____
25H03775	_____
25H03780	_____
25H03782	_____
25H03784	_____
_____	_____
_____	_____

Evaluator:

 _____

12/03/2025

Date



25H 03762

Ship To: Hazen Research
Preserved: ☒ Y / N
HNO3 Lot #: 20250232563
Date Preserved: 11/13/25

LABORATORIES, INC.

Report To Information		Bill To Information: (if different from report to)	
Company Name <u>Colorado Analytical Laboratory</u>		Project Name <u>CO0118045 Perry Park Water & Sanitation</u>	
Report To: <u>Rebecca Bertke</u>			
E-Mail: <u>rebeccabertke@coloradolab.com</u>			
Address: <u>10411 Heinz Way</u> <u>Commerce City, CO 80640</u> Phone: <u>303-659-2313</u>		Address: CAL TASK 25113146 KFV	
		Compliance Samples: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Submit Data to CDPHE: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	

Tests Requested

Sample Date/Time	Sample ID	Matrix	Radium 226 (Sub)	Radium 228 (Sub)																	Container Type
11/13/25 12:30 PM	25113146-01 - SP 009- SP ID: 009 / Fac ID: 009	Water - Drinking																			4 - TL HNO3

Comment:

Radon Checked Date: 11/14/25 Time: 11:14
Air Bubbles? NO YES X1 YES X2
Headspace? NO YES X1 YES X2
Initial 11/14/25 Date: 11/14/25
pH Check and Preservation Acid Lot # 11/14
Initial pH check date: 11/14/25 Time: 10:30
2nd pH check date: 11/14/25 Time: 10:30
Final pH 2 Preserved by: 11/14/25

Relinquished by: (Signature)	Date: Time:	Received by: (Signature)	Date: Time:	Relinquished by: (Signature)	Date: Time:	Received by: (Signature)	Date: Time:
<u>11/13/25</u>	<u>14:30</u>	<u>11/17/25</u>	<u>14:30</u>				

7.91c