



Colorado Department
of Public Health
and Environment

Radionuclides Certified Laboratory Report Form

Revision 6/13/2014

WQCD – Drinking Water CAS
4300 Cherry Creek Drive South; Denver, CO 80246-1530
Fax: (303) 758-1398; cdphe.drinkingwater@state.co.us

RAD

Section I (Supplied or Completed by Public Water System)		Section II (Supplied or Completed by Certified Laboratory)	
Public Water System Information		Certified Laboratory Information	
PWS ID: CO0121025		Laboratory ID: CO 00008	
System Name: Academy Wsd		Laboratory Name: Hazen Research, Inc.	
Contact Person:	Phone #:	Contact Person: Jessica Axen	Phone #: 303-279-4501
Comments:	Do Samples Need to be Composited BY THE LAB? <input type="checkbox"/>	Comments:	

Section III (Supplied or Completed by Public Water System)			
Sample Date: 07/11/2019	Collector: Ap	Facility ID (On Schedule): 002	Sample Pt ID (On Schedule): 002

Section IV Radionuclides (Supplied or Completed by Certified Laboratory)								
Lab Receipt Date	Lab Analysis Date	Lab Sample ID	Analyte Name (Code)	CAS No.	Analytical Method	MCL	Lab MRL	Result
07/15/2019 07/15/2019	08/09/2019 08/20/2019	19M02291-001 19M02291-001	Gross Alpha Including Uranium (4002)	12587-46-1	SM 7110 B	N/A		
			Combined Uranium (4006)	7440-61-1		30 ug/L		
			Radium -226 (4020)	13982-63-3	SM 7500-Ra B	N/A	0.2	0.9(±0.4)
			Radium -228 (4030)	15262-20-1	EPA Ra-05	N/A	0.3	2.4(±0.9)
			Gross Beta (4100)	12587-47-2		50 pCi/L*		
			Total Dissolved Solids (1930)			N/A		

*The MCL for Gross Beta Particle Activity is 4 mrem/year. Since there is no simple conversion between mrem/year and pCi/L EPA considers 50 pCi/L to be the level of concern.

Section V Calculated Values					
N/A	Gross Alpha Excluding Uranium (4000)	Calculated Value	15 pCi/L	N/A	
	Combined Radium {-226 & -228} (4010)	Calculated Value	5 pCi/L	N/A	

NT: Not Tested

Lab MRL: Laboratory Minimum Reporting Level

BDL: Below Laboratory MRL. A less than sign (<) may also be used

ug/L: Micrograms per Liter

pCi/L: Picocuries per Liter

MCL: Maximum Contaminant Level



