



Colorado Department
of Public Health
and Environment

Radionuclides Certified Laboratory Report Form

WQCD – Drinking Water CAS

Submit Online at <http://www.wqcdcompliance.com/login>

Revision 4/13/2015

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:				Laboratory ID:					
System Name:				Laboratory Name:					
Contact Person:		Phone #:		Contact Person:		Phone #:			
Comments:		Do Samples Need to be Composited <u>BY THE LAB?</u>		Comments:					
Section III (Supplied or Completed by Public Water System)									
Sample Date:		Collector:	Facility ID (On Schedule):		Sample Pt ID (On Schedule):				
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	
			Gross Alpha Including Uranium (4002)	12587-46-1		N/A			
			Combined Uranium (4006)	7440-61-1		30 ug/L			
			Radium -226 (4020)	13982-63-3		N/A			
			Radium -228 (4030)	15262-20-1		N/A			
			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