



# Radionuclide Report doc rev 12/2020

**I. PWS INFORMATION: Please refer to your DEP Water Quality Sampling Schedule (WQSS) to help complete this form**

PWS ID #:  City / Town:

PWS Name:  PWS Class: COM  NTNC  TNC

DEP LOCATION (LOC) ID#	DEP Location Name	Sample Information		Date Collected	Collected By
10000	POE POST GREEN RIVER PH 01G	<input type="checkbox"/> (M)ultiple <input checked="" type="checkbox"/> (S)ingle	<input type="checkbox"/> (R)aw <input checked="" type="checkbox"/> (F)inished	09/10/2024	PM
Routine or Special Sample <input checked="" type="checkbox"/> RS <input type="checkbox"/> SS		Original, Resubmitted or Confirmation Report <input checked="" type="checkbox"/> Original <input type="checkbox"/> Resubmitted <input type="checkbox"/> Confirmation		If Resubmitted Report, list below: (1) Reason for Resubmission: <input type="checkbox"/> Resample <input type="checkbox"/> Reanalysis <input type="checkbox"/> Report Correction (2) Collection Date of Original Sample:	
SAMPLE COMMENTS — (Such as, if a Manifold/Multiple sample, list the sources that were on-line during sample collection.)					

**II. ANALYTICAL LABORATORY INFORMATION: Attach copy of subcontracted lab analysis report (as applicable)**

Primary Lab MA Cert. #:  Primary Lab Name:  Subcontracted? (Y/N)

Was this sample composited by the Lab? Yes: <input type="checkbox"/>	<b>COMPOSITE SAMPLE NOTES</b> List the composited source by DEP Source Code (e.g. 1004000-01G), and dates collected, up to four consecutive quarterly samples per single entry point.
LAB ANALYSIS COMMENTS	

Contaminant	RESULT	Std Dev (+/-)	MCL	MDL	Lab Method	Date Analyzed	Analysis Lab Sample ID#	Analysis Lab MA Cert#
GROSS ALPHA (pCi/L)								
URANIUM – activity (pCi/L)								
Report Uranium result and MDL in (pCi/L) as analyzed, otherwise use formula to calculate [Uranium µg/L x 0.67 = Uranium pCi/L]. Check this box if result is calculated <input type="checkbox"/>								
ADJUSTED GROSS ALPHA (pCi/L)		---	15		The MCL for Adjusted Gross Alpha (Gross Alpha minus Uranium) is 15 pCi/L. A gross alpha measurement may be substituted for the uranium analysis, if the gross alpha result is equal to or less than 15 pCi/L. If gross alpha exceeds 15 pCi/L, uranium must also be measured.			

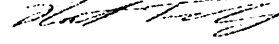
URANIUM – mass (ug/L)			30					
Report Uranium result and MDL in (µg/L) as analyzed, otherwise use formula to calculate [Uranium pCi/L / 0.67 = Uranium µg/L]. Check this box if result is calculated. <input type="checkbox"/>								

RADIUM-226 (pCi/L)	<0.480	0.330		0.480	SM7500 Ra B	09/27/2024	810-120025-1	M-IN035
RADIUM-228 (pCi/L)	0.460	0.420		0.420	SM7500 Ra D	09/30/2024	810-120025-1	M-IN035
COMBINED RADIUM (pCi/L)	<0.480	---	5	The MCL for Combined Radium (Radium-226 plus Radium-228) is 5 pCi/L. A gross alpha measurement may be substituted for the radium-226 analysis, if the gross alpha result is equal to or less than 5 pCi/L. If gross alpha exceeds 5 pCi/L, radium-228 must also be measured.				

GROSS BETA (pCi/L)			*					
*The MCL for gross beta is 4 mrem/year. If gross beta exceeds 50 pCi/L, analysis of the sample for Photon Activity shall be performed to identify the major radioactive constituents. Gross Beta testing is optional, unless specifically required by DEP.								

RADON (pCi/L)			**					
**Radon testing is optional, unless specifically required by DEP. The MA guideline for Radon is 10,000 pCi/L. The EPA has proposed a radon MCL of 300 - 4000 pCi/L.								

I certify under penalties of law that I am the person authorized to fill out this form and the information contained herein is true, accurate and complete to the best extent of my knowledge.

Authorized Signature:   
 Date: 10/01/2024  
Nathan Trowbridge, designee for Amanda Scott, Project Manager

In accordance with 310 CMR 22.15(2), if mailing paper reports, TWO copies of this report must be received by your MassDEP Regional Office no later than 10 days after the end of the month in which the results are received or no later than 10 days after the end of the monitoring period, whichever is sooner. Please note: Electronic reporting (eDEP) deadline is the same as above.

DEP REVIEW STATUS (Initial and Date)	Review Comments	<input type="checkbox"/> WQTS Data Entered
<input type="checkbox"/> Accepted _____ <input type="checkbox"/> Disapproved _____		

# ANALYTICAL REPORT

## PREPARED FOR

Attn: Amanda Healy  
Housatonic Basin Sampling & Testing  
80 Run Way  
Lee, Massachusetts 01238

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## JOB DESCRIPTION

1113000-240910

## JOB NUMBER

810-120025-1