



Colorado Department of Public Health and Environment
Compliance Assurance & Data Management Section

REPORTING FORM FOR RADIONUCLIDE ANALYSIS

Colorado Department
of Public Health
and Environment

PWSID CO0 _____

SYSTEMS NAME: _____

SYSTEM MAILING ADDRESS: _____

Street address/PO Box CITY STATE ZIP

CONTACT PERSON: _____ PHONE: () _____

LABORATORY SAMPLE #: _____

Is this a composite sample? YES NO (Only samples composited BY THE LABORATORY may be used for compliance.)

DATE COLLECTED: ____ / ____ / ____

TIME COLLECTED: _____ am/pm

DATE COLLECTED: ____ / ____ / ____

TIME COLLECTED: _____ am/pm

STATE SAMPLING POINT CODE: _____

LABORATORY NAME _____

LAB PHONE #: () _____ DATE RECEIVED IN LABORATORY ____ / ____ / ____

CLIENT NAME or ID# _____

SAMPLE COLLECTED BY: _____

COMMENTS: _____

[Highlighted rows are for state use only]

PARAMETER	RESULT	UNITS	MCL	STANDARD METHOD	LAB MDL	REGULATORY MDL	DATE ANALYZED
(4000)		pCi/L	15 pCi/L				
Gross Alpha (4002)		pCi/L			pCi/L	3 pCi/L	
Uranium (4006)		µg/L	30 µg/L		µg /L	1 µg /L	
Radium 226 (4020)		pCi/L			pCi/L	1 pCi/L	
Radium 228 (4030)		pCi/L			pCi/L	1 pCi/L	
(4010)		pCi/L	5 pCi/L				
Gross Beta (4100)		pCi/L	Trigger** = 15 pCi/L		pCi/L	4 pCi/L	
Total Dissolved Solids (1930)		mg/L	SMCL* = 500 mg/L		mg/L	N/A	

* Secondary Maximum Contaminant Level—Non-Enforceable Standard

Laboratory Results Reviewed & Approved by _____ Title _____ Date _____

MAIL RESULTS TO: CDPHE, WQCD
ATTN: CADM
4300 Cherry Creek Drive South
Denver, CO 80246-1530

OR FAX RESULTS TO: 303-758-1398

E-MAIL IN PDF FORMAT TO: cdphe.drinkingwater@cdphe.state.co.us

INSTRUCTIONS AND EXAMPLES

****DO NOT TAKE SAMPLE FROM HOSES OR THROUGH SCREENS****

*****DO NOT take your sample in the DISTRIBUTION SYSTEM*****

1. Enter the following information in the appropriate blanks:
 - PWSID Number
 - System Name
 - System Mailing Address
 - Contact Person's Name and Phone Number
2. Are these results to be used to fulfill compliance-monitoring requirements? Check YES or NO
 - Indicate if this is a finished water sample or a source water sample (source water samples cannot be used for compliance). Compliance sampling points are always AFTER ALL TREATMENT and before the first customer. Any exception must be approved in writing from the Radionuclides Rule Manager.
3. Laboratory Sample number
4. Is this a composite sample? Check YES or NO
 - The regulations allow the LABORATORY, at your request, to composite up to TWO (2) quarterly samples from the SAME sampling point.
 - You must indicate that you want the laboratory to do this for you. This will reduce the overall cost of the monitoring, but the laboratory may add some additional fees to cover the costs of the additional sample preparation and the compositing procedure.
5. Enter the following information in the appropriate blanks:
 - Date of Sample Collection or dates each sample was collected for composite samples
 - The time each sample was collected
6. Enter the State Sampling Point Code: ALWAYS use state assigned sampling point ID numbers. These are located on your annual monitoring schedule.

FACILITY	014	TYPE TP	TREATMENT FOR CACTUS VIEW WELLS	SAMPLE PT	014	TYPE	EP
				Period Begin	1/1/2006	Period End	12/31/2006
Analyte Name		Analyte Code	Sampling Period	Sample Required	Assigned Year		
GROSS ALPHA, INCLDNG RA, EXCLDNG RN & U		4000	7/1 to 9/30	1 per YR	2006		
				Period Begin	1/1/2006	Period End	12/31/2006
Analyte Name		Analyte Code	Sampling Period	Sample Required	Assigned Year		
RADIUM, COMBINED (226, 228)		4010	7/1 to 9/30	1 per YR	2006		

7. Laboratory Information:
 - Laboratory Name
 - Laboratory Phone Number
 - Date of Sample was received by the laboratory
 - Laboratories client name or ID number
8. System's Sampler's Name
9. Laboratory Comments

SAMPLER:

- Fill out a separate form for each sample or set of samples if a composite sample
- Fully complete all system information, sampling point, and collection dates and times portions of the "REPORTING FORM FOR RADIONUCLIDE CONTAMINANTS ANALYSIS" and submit it to the laboratory with the filled sample bottle.
- Label each bottle correctly and completely. Please be sure you use the same description you used on the paperwork.

NOTE:

It is important that you have a sampling tap at each entry point to the distribution system (EPTDS). If your system does not have a sampling tap at each EPTDS, every effort should be made to have one installed as soon as possible.

If you have an unusual situation that has not been covered in these instructions, or you have other monitoring questions please call (303) 692-3500 and ask to speak to the Radionuclide Rule Manager.