

Radionuclide Analyses: Testing for RADIONUCLIDES in support of the EPA's Final Rule

Pace Analytical, one of the nation's largest and most respected names in drinking water and specialty services, offers testing for RADIONUCLIDES in support of the EPA's Final Rule. When data quality and customer care are what you're looking for — choose Pace Analytical for its industry experience and performance credibility.

The Pace Pittsburgh *Radiochemistry laboratory* is a NELAP accredited laboratory and approved by 36 states for the following radioactivity analyses: Gross Alpha, Gross Beta, Ra-228 and Uranium. Pace Analytical can also provide hardcopy reports, state forms or submit data electronically to you or your state agency.

OVERVIEW OF THE RULE

| | |
|----------------------------|--|
| Title | Radionuclides Rule 66 FR 76708 December 7, 2000 Vol. 65, No. 236 |
| Purpose | Reducing the exposure to radionuclides in drinking water will reduce the risk of cancer. This rule will also improve public health protection by reducing exposure to all radionuclides. |
| General Description | The rule retains the existing MCLs for combined radium-226 and radium-228, gross alpha particle radioactivity, and beta particle and photon activity. The rule regulates uranium for the first time. |
| Utilities Covered | Community water systems (all size categories). |



CRITICAL DEADLINES AND REQUIREMENTS FOR DRINKING WATER SYSTEMS

June 2000 – December 8, 2003

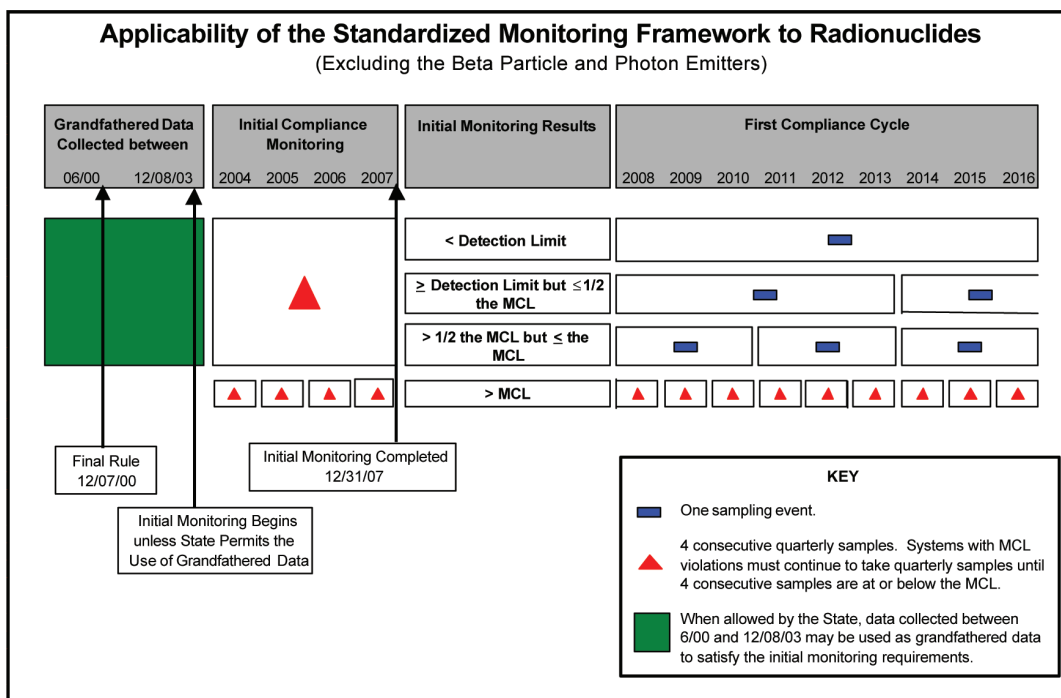
When allowed by the State, data collected between these dates may be eligible for use as grandfathered data – (excluding beta particle and photon emitters).

December 8, 2003

Systems begin initial monitoring under State-specified monitoring plan unless the State permits use of grandfathered data.

December 31, 2007 *All systems must complete initial monitoring.

RADIONUCLIDES



REGULATED CONTAMINANTS

| Regulated Radionuclide | MCL | MCLG |
|-------------------------|-----------|------|
| Beta/photon emitters* | 4 mrem/yr | 0 |
| Gross alpha particle | 15 pCi/L | 0 |
| Combined radium-226/228 | 5 pCi/L | 0 |
| Uranium | 30 µg/L | 0 |

*A total of 168 individual beta particle and photon emitters may be used to calculate compliance with the MCL.

PER SAMPLE PRICES*

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|---------------------------------|
| Gross Alpha / Gross Beta - \$50 |
| Ra-226 - \$85 |
| Ra-228 - \$80 |
| Uranium - \$45 |

*Volume Discounts Available



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Pittsburgh Radiochemistry Laboratory Pace Analytical Services

Pace Analytical is a privately held, full service sampling and analytical testing firm operating a network of laboratories and service centers nationwide. Our Specialty Services Division can team with your laboratory to create a complementary service package for your customers that includes the specialty analyses which your lab may not be capable of performing – such as dioxin analysis, bioassay, air testing and radiochemistry.

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