



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
RESEARCH TRIANGLE PARK, NC 27711

SEP 16 2013

Mr. Tom Appleman  
Regulatory Affairs Coordinator  
Upper Occoquan Service Authority  
14631 Compton Road  
Centreville, VA 20221

OFFICE OF  
AIR QUALITY PLANNING  
AND STANDARDS

Dear Mr. Appleman:

I am writing this letter in response to your email to William Grimley dated July 23, 2013, requesting the approval of EPA SW-846 Method 7471A, "Mercury in Solid or Semisolid Waste (Manual Cold-Vapor Technique)," in place of the analytical procedures required in EPA Methods 101A and 105 (40 CFR Part 61, Appendix B), as they apply to the testing requirements in 40 CFR Part 61, Subpart E (Subpart E). Your inquiry pertains to the testing of a rotary dryer to be used to dewater biosolids at your water reclamation facility in Centreville, Virginia.

We hereby approve EPA SW-846, Method 7471A, as well as EPA SW-846, Method 7471B, both entitled "Mercury in Solid or Semisolid Waste (Manual Cold-Vapor Technique)," as acceptable alternative methods for analysis of sewage sludge samples collected by Method 105 for fulfillment of the testing requirements contained in Subpart E, as they apply to your water reclamation facility in Centreville, Virginia. We are also approving EPA SW-846 Method 7470A, "Mercury in Liquid Waste (Manual Cold-Vapor Technique)," as an alternative method for analysis of samples collected by Method 101A to fulfill testing requirements in Subpart E, as they apply to your water reclamation facility in Centreville, Virginia. In both cases, the approved alternatives are substantively identical to the analytical approaches cited in the regulation.

Since these alternative method approvals are applicable to other facilities subject to Subpart E, we will be posting this letter on our web site at <http://www.epa.gov/ttnemc/approalt.html> for use by other interested parties.

If you have further questions on these matters, please contact William Grimley of my group at 919-541-1065.

Sincerely,

A handwritten signature in blue ink that reads "Connie Oldham".

Conniesue B. Oldham, Ph.D., Group Leader  
Measurement Technology Group

cc: Ray Chalmers, Region 3  
James LaFratta, Virginia DEQ  
William Grimley