



P.O. Box 1467
Harrisburg, PA 17105-1467
July 18, 2008

Bureau of Laboratories

Phone: 717-346-7200

Re: **Accreditation for Long Term 2 Enhanced Surface Water Treatment Rule Methods**

Dear Sir or Madam:

The EPA requires laboratories performing work for the Long Term 2 Enhanced Surface Water Treatment Rule ("LT2 Program") be accredited for an appropriate method through their primary state for the analyte *E. coli* (enumeration) under the Drinking Water Matrix. 40 CFR § 141.704(b) approves all methods for enumeration of *E. coli* in source water approved in 40 CFR § 136.3(a). A list of these required methods may also be found at Table 4-1 in EPA Office of Water Document EPA 815-R06-006.

Pennsylvania accreditation for LT2 Program methods will be consistent with historical requirements; namely, completion of a successful on-site assessment for each method (meeting the requirements of Chapter 252 or NELAC Standards) and an acceptable Proficiency Test Study ("PT").

Initially accreditation may be granted for *E. coli* (enumeration) methods without an initial on-site assessment, if:

- 1a) Laboratory is currently accredited under NELAC or State for total coliform or fecal coliform analysis using the same technique under a source water accreditation program such as those required under 40 CFR 141.74; or
- 1b) Laboratory is currently accredited under NELAC or State for total coliform, fecal coliform, and/or *E. coli* analysis using the same technique under other drinking water accreditation programs, such as those required under 40 CFR 141.21 (Total Coliform Rule); and
- 2) Laboratory successfully completes a Drinking Water/Source Water PT study by the *E. coli* (enumeration) method. Note: Drinking Water/Source Water PTs are available for *E. coli* enumeration and "quick response" PTs are deemed acceptable.
- 3) Laboratory submits an acceptable Standard Operating Procedure for the *E. coli* (enumeration) method, and
- 4) Laboratory submits an 'Addition of Fields of Accreditation' application to the Department along with the appropriate fee requesting addition of the *E. coli* (enumeration) method. NOTE: The 'Addition of Fields of Accreditation' application is not required if the request to add the method is made during the laboratory's normal renewal period.

Sincerely,

Aaren S. Alger, Chief
Laboratory Accreditation Program
PA Department of Environmental Protection