



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 4

Science and Ecosystem Support Division
980 College Station Road
Athens, Georgia 30605-2720

JUN 01 2006

4SESD

To: All Interested Parties:

The purpose of this notice is to announce interim approval ASTM International Method D 888-05, for measuring dissolved oxygen concentrations under the National Pollution Discharge Elimination System (NPDES) Program. This approval applies only to NPDES discharges which are physically located in EPA Region 4. This approval does not apply to NPDES discharges in other EPA regions. To determine the status of ASTM International Method D 888-05 in other EPA regions, interested parties should contact the appropriate EPA region.

A January 3, 2006, memorandum from the Statistics and Analytical Support Branch (SASB), Office of Water, US EPA, recommended that each EPA Region grant interim approval ASTM International Method D 888-05 for reporting results under the National Pollution Discharge Elimination System (NPDES) Program. The SASB reviewed the method with the supporting documentation and determined that it meets all the requirements for approval as a NPDES compliance monitoring method. SASB has initiated formal approval of this method through rule making. The final rule making process is estimated to take between 18 to 24 months for final promulgation in the Federal Register. SASB believes the method will offer the regulated community an alternative to existing approved methods. All calibrations and quality control requirement in the 2005 version of the method must be met.

The EPA Regional Administrator or his/her designee is granted the authority in 40 CFR §136.5 to approve alternate methods for NPDES permits or NPDES-related applications such as pretreatment or storm water programs. In accordance with 40 CFR § 136.5, Approval of Alternate Test Procedures, US EPA Region 4 is hereby granting interim approval for the use of ASTM International Method D 888-05 in measuring total dissolved oxygen. This approval is effective the date of this notice and applies only to laboratories which analyze samples from NPDES discharges which are physically located in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, and Tennessee). Each laboratory or NPDES permittee must obtain a copy of ASTM International Method D 888-05 prior to implementation to assure compliance with all requirements found in the method. Laboratories analyzing samples from NPDES discharges located in other EPA regions should contact the appropriate EPA Regional Quality Assurance Manager to determine the status of ASTM International Method D 888-05 in those regions.

The attached letter from the Statistics and Analytical Support Branch (SASB), Office of Water, US EPA clarifies the intended use for this method. For additional information or questions, please call Wayne Turnbull at 706/355-8554.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael V. Peyton". The signature is stylized with a large, sweeping "M" and a long, horizontal stroke extending to the right.

Michael V. Peyton
Director

Enclosure (1)



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

JAN - 3 2006

OFFICE OF
WATER

MEMORANDUM

SUBJECT: Recommendation for Interim Approval of ASTM International Standard Test Method D 888-05 (ATP Case No. N05-0046)

FROM: William A. Telliard 
Director of Analytical Methods

TO: USEPA Regional Administrators (all Regions)

In accordance with the authority specified at 40 CFR part 136.5, I recommend that each EPA Region grant interim approval of ASTM International D 888-05 *Standard Test Methods for Dissolved Oxygen in Water* (ATP Case No. N05-0046) for measurement of dissolved oxygen (DO) in wastewater and in for use in measuring DO in methods approved at Title 40 of the *Code of Federal Regulations*, Part 136.3 (40 CFR Part 136.3) for measuring biochemical oxygen demand (BOD). EPA has reviewed the methods and supporting validation data and determined that the methods, including a new procedure, Test Method C (Luminescence-Based Sensor Procedure), meet all requirements for approval as compliance monitoring methods. We recommend that the interim approval be effective from the date of this memorandum to the effective date of a final rule(s) promulgating the methods in the *Federal Register*.

If I can be of any additional assistance on this matter or others, please contact me at telliard.william@epa.gov or at 202/566-1061 at your convenience.

cc: Quality Assurance Managers (all Regions)
Water Management Division Directors (all Regions)
ATP Coordinators (all Regions)
Len Morrissey, ASTM International
Kevin Roberts, CSC, SCC