



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

MAY - 8 2006

OFFICE OF
WATER

Lynn Egan
Applications Chemist
Lachat Instruments
P.O. Box 389, Mail Stop #1
Loveland, CO 80539-0389

Dear Ms. Egan:

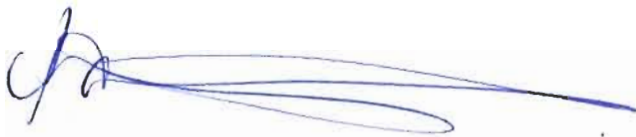
The Engineering and Analytical Support Branch (EASB) and the Office of Ground Water and Drinking Water's Technical Support Center (OGWDW/TSC) have completed technical review of the materials submitted in support of the following application for approval as an alternate test procedure (ATP) for use in wastewater and drinking water compliance monitoring.

QuikChem Method Number [Revision Date]	Analyte	ATP Case No's. (drinking water, wastewater)
10-109-12-2-A [10/19/2005]	Fluoride	D03-0007, N03-0007

We are pleased to inform you that in the judgement of our technical staff the above method is an acceptable version of Standard Method 4500-F⁻ C [18th, 19, & 20th Editions] for the determination of fluoride in drinking water and wastewater and may be used for compliance monitoring under National Primary Drinking Water Regulations (NPDWRs) and the National Pollutant Discharge Elimination System (NPDES). The QuikChem method listed above and Standard Method 4500-F⁻ C determine fluoride in a similar manner: fluoride is determined potentiometrically using an ion selective electrode. The fluoride electrode consists of a lanthanum fluoride crystal across which a potential is developed by fluoride ions.

We appreciate your interest in the development of environmental monitoring methods. If you have any questions regarding the review of this alternate test procedure, please contact Robin Oshiro at oshiro.robin@epa.gov or at 202-566-1075 for wastewater or Steve Wendelken at wendelken.steve@epa.gov or at 513-569-7491 for drinking water.

Sincerely,

A handwritten signature in blue ink, appearing to be 'RO', followed by a long, sweeping horizontal line.

Robin K. Oshiro, Ph.D.
ATP Coordinator
Engineering and Analysis Division (4303 T)
Engineering and Analytical Support Branch

A handwritten signature in black ink, appearing to be 'Steve Wendelken', written in a cursive style.

Steven C. Wendelken, Ph.D.
ATP Coordinator
Technical Support Center (MS-140)
Office of Ground Water and
Drinking Water

cc:

USEPA Regional Administrators (all Regions)
Quality Assurance Managers (all Regions)
ATP Coordinators (all Regions)
Water Management Division Directors (all Regions)
Gregory J. Carroll, USEPA, OGWDW
Danielle Carter, CSC, SCC