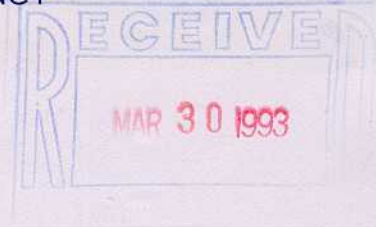




UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF RESEARCH AND DEVELOPMENT
ENVIRONMENTAL MONITORING SYSTEMS LABORATORY
CINCINNATI, OHIO 45268



MAR 25 1993

Craig B. Ranger
President, CEO
Lachat Instruments
6645 West Mill Road
Milwaukee, Wisconsin 53218

Re: Alternate Test Procedure Application by Lachat Instruments for Ortho-Phosphate QuikChem Method 10-115-01-1-B-Proposed (April 22, 1992 revision) ATP file number N93-0003 and D93-0002

Dear Mr. Ranger:

This is in regard to your request for a review of the subject method (the original version of which was reviewed and accepted in 1988) to determine if it can be used for NPDES and NPDWR compliance monitoring. A review was made by Mr. James O'Dell of the Chemistry Research Division.

The differences in methodology, which you pointed out in your letter, were examined and it was determined that:

1. The reduction in temperature and in the volume of sulfuric acid required is consistent with approved methodology.
2. The reduction in cycle time and incubation time, as well as the increase in sample volume are acceptable minor modifications.

Based on this review the revised method is an acceptable version of EPA Method 365.1 and can be used for NPDES and NPDWR monitoring.

Sincerely yours,

Thomas A. Clark
Director

Environmental Monitoring Systems
Laboratory - Cincinnati

