

Appendix Testing

State of Florida
DEPARTMENT OF ENVIRONMENTAL REGULATION

INTEROFFICE MEMORANDUM

For Routing To District Offices		
A To Other Than The Addressee		
To: _____	Locn.: _____	
To: _____	Locn.: _____	
To: _____	Locn.: _____	
From: _____	Date: _____	
Reply Optional ()	Reply Required ()	Info. Only ()
Date Due: _____	Date Due: _____	

TO: Jim Estler, Bob Garrett, George Richardson, Louis Fernandez
FROM: Ken Roberts *LR*
DATE: December 17, 1983
SUBJECT: Simultaneous Test for Fluorides and Particulates

Tallahassee has approved simultaneous Testing for fluorides and particulates as per a letter from AGRICO to Jim Manning dated 9/20/83. There are some specific conditions that must be met however, to insure accurate results. They are as follows:

- 1). The heated filter which is to be placed in front of impingers must be a standard glass fiber stack filter that is normally used in method 5 or a comparable paper filter. If the glass fiber filter is used several blanks must be run through the fluoride analysis to assure us that there will be no interference.
- 2). A stainless steel frit must be used behind the filter. A glass frit is not acceptable.
- 3). Deionized water is to be used for washing probe, nozzle, front half of filter holder and any connecting glassware. Acetone should not be used.
- 4). Tallahassee would prefer that the used filters be desiccated to dryness rather than oven-dried. However, this is not a requirement.
- 5). A known aliquot is to be taken from the total known wash volume for fluoride analysis. After evaporation of the wash a weight per milliliter of wash should be computed to correct for the aliquot removed for the fluoride analysis.
- ★ 6). After the filter has been properly desiccated (preferably at room temperature) and weighed it should be added to the impinger wash bottle to take into account any soluble fluorides on the filter.

All your assigned sources that normally test for these two pollutants should be notified that simultaneous testing is acceptable. All sources currently testing simultaneously should be made aware of the above specific conditions required by the state.

LR/rh