

COMMONWEALTH OF VIRGINIA
Department of Environmental Quality
Division of Water Programs Coordination
Larry G. Lawson, P.E., Director

Subject: Guidance Memo No. 01-2013 - Amendment #3
Checklists for Wastewater Laboratory Inspections

To: Regional Directors

From: Larry G. Lawson, P.E., Director



Date: May 24, 2004

Copies: Regional Deputy Directors, Regional Water Permit Managers, Regional Compliance and Enforcement Managers, Cindy Berndt, Jon van Soestbergen, Bill Purcell, Betsy Ziomek

Summary:

Several of the laboratory inspection checklists for methods used for VPDES or VPA monitoring have been updated and a new checklist has been created for Ion Chromatography. The checklists are located on DEQNet at http://deqnet/docs/default.asp?path=../main/water/Water_Inspections/Lab_Inspection, and DEQ's web page at <http://www.deq.state.va.us/forms/checklist.html>.

Electronic Copy:

An electronic copy of this guidance in PDF format is available for staff internally on DEQNET, and for the general public on DEQ's website at <http://www.deq.state.va.us/water>.

Contact information:

Questions or comments regarding this topic can be directed to Betsy Ziomek at (804) 698-4181, e-mail address esziomek@deq.state.va.us.

Disclaimer:

This document is provided as guidance and, as such, sets forth standard operating procedures for the agency. However, It does not mandate any particular method nor does it prohibit any particular method for the analysis of data, establishment of a wasteload allocation, or establishment of a permit limit. If alternative proposals are made, such proposals should be reviewed and accepted or denied based on their technical adequacy and compliance with appropriate laws and regulations.

Several of the laboratory inspection checklists for analytical methods used for VPDES or VPA compliance monitoring have been updated and a new checklist has been created for Ion Chromatography (IC). The checklists are located on DEQNet at http://deqnet/docs/default.asp?path=../main/water/Water_Inspections/Lab_Inspection, and DEQ's web page at <http://www.deq.state.va.us/forms/checklist.html>. The following list indicates what changes were made:

- 1664** rev 05-04 - Oil and Grease Hexane Extractable Material - [#8-changed wording concerning sample spiking requirements.]
- COD** rev 05-04 - Chemical Oxygen Demand [#14- changed to include recommendation that standards be read in descending order of concentration when manual systems are used. It remains as a requirement for automated systems.]
- Ion Chrom** rev 05-04 - Ion Chromatography [New checklist]
- O & G** rev 05-04 - Oil and Grease using Partition Gravimetric [#3- changed Freon production date to prior to Jan. 1, 2002.]
- Temp** rev 05-04 - Temperature [#1 - Allows use of equivalent non-mercury thermometer IF accuracy and gradation requirements of are met. #6 - addresses reference thermometers.]
- TRC dpd-fas** rev 05-04 - Total Residual Chlorine DPD/FAS Titrimetric Method [#16- corrected Standard Methods reference.]