

**COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
DIVISION OF WATER QUALITY PROGRAMS  
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Subject: Guidance Memo No. 01-2013 – Amendment #6  
Checklists for Wastewater Laboratory Inspections

To: Regional Directors

From: Ellen Gilinsky, Ph.D., Director



Date: August 30, 2006

Copies: Regional Deputy Directors, Regional Water Permit Managers, Regional Compliance and Enforcement Managers, Bill Purcell, Betsy Ziomek

**Summary:**

Corrections to the laboratory inspection checklists for EPA Method 1664 (Oil and Grease) and Hydrogen Ion (pH) used for VPDES or VPA compliance monitoring have been made.

**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.virginia.gov/waterguidance/permits.html> .

**Contact information:**

Questions or comments regarding this topic can be directed to Betsy Ziomek at (804) 698-4181, e-mail address [esziomek@deq.virginia.gov](mailto:esziomek@deq.virginia.gov)

**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.**

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Two of the laboratory inspection checklists for analytical methods used for VPDES or

VPA *compliance* monitoring have been revised. The checklists are located on DEQNet at [http://deqnet/docs/default.asp?path=../main/water/Water\\_Inspections/Lab\\_Inspection](http://deqnet/docs/default.asp?path=../main/water/Water_Inspections/Lab_Inspection), and DEQ's web page at <http://www.deq.virginia.gov/forms/checklist.html>. The following list indicates what changes were made:

**Oil and Grease Method HEM** rev 08/06 – EPA Method 1664 – [Changed # 11 - must verify balance calibration with each “analytical batch” instead of each “day of analysis”; #18 – glassware should be rinsed and baked.]

**pH Elec** rev 08/06 – pH [Eliminated #12 and 14 and removed the words “in addition to checking the ATC” from item # 13. These items addressed checking Automatic Temperature Compensation (ATC). Because ATC is only capable of adjusting the sensitivity of the electrode the lab would not be able to verify if it is functioning properly.]