



North Carolina Department of Environment and Natural Resources
Division of Waste Management

Pat McCrory
Governor

UST Section
Dexter R. Matthews
Director

John E. Skvarla, III
Secretary

December 1, 2013

MEMORANDUM

TO: Responsible Parties, Environmental Service Companies, Consultants, and Other Interested Parties

CC: UST Section Regional Supervisors
Vance Jackson TFB Head and Ruth Strauss PIB Head

FROM: Robert Davies, UST Section

SUBJECT: Changes to the tables of approved methods for groundwater analysis in all UST Section guidelines

Changes have been made to the tables which present the approved methods for groundwater analysis and sample containers/preservation in **all of the five UST Section guidelines**, effective from December 1, 2013.

The changes were required because sample preparation for analysis of metals (chromium and lead) in groundwater by Standard Method 3030C, "Preliminary Treatment for Acid-Extractable Metals", is no longer required. The basic preparation requirements of 3030C for determination of total metal concentration in unfiltered samples are incorporated in current analytical methods from sources listed in 15A NCAC 2L .0112 and 2L .0413. The attached memorandum dated May 13, 2013 describes the current policy developed by the Division of Water Resources for metals determination.

The changes were made to Tables 4 and 8 in the *Guidelines for Site Checks, Tank Closure, and Initial Response and Abatement for UST Releases* (March 1, 2007 Version), as Change 5.

The changes were made to Tables 5 and 9 in the *Guidelines for Assessment and Corrective Action for UST Releases* (July 15, 2008 Version), as Change 3.

The changes were made to Tables 4 and 6 in the *Guidelines for Initial Response and Abatement, Assessment, and Corrective Action for Non-UST Releases* (July 1, 2012 Version), as Change 1.

The changes were made to Tables 3 and 8 in the *Guidelines for Sampling* (July 15, 2008 Version), as Change 3.

The changes were made to Tables 5 and 6 in the *Guidelines for Ex Situ Petroleum Contaminated Soil Remediation* (August 23, 2012 Version), as Change 1.

If you have questions, please contact Karen Harmon by mail at Green Square Complex, DENR Office Building, 1646 MSC, Raleigh, NC 27699 or by email at karen.harmon@ncdenr.gov.

Attachment