



# Technical Memo

## 2012 EPA Method Update Rule: NJDEP implementation

Updated: May 13, 2013

NJDEP, IAL's primary accrediting body, is currently implementing the 2012 EPA Method Update Rule (MUR). The MUR modifies the testing procedures approved or analysis and sampling under the Clean Water Act. As a result, the following changes are being made in order to comply:

- **EPA Method 624 will now be substituted with EPA 8260B for groundwater samples. EPA Method 624 will still be used for wastewater samples and the PP list.**
  - Reason: *The EPA MUR has disallowed the use of 624 for Dichlorodifluoromethane, Naphthalene, and 1,2,4-Trichlorobenzene.*
    - *Dichlorodifluoromethane and 1,2,4-Trichlorobenzene are on the TCL list, so EPA 624 will not meet list requirements.*
    - *IAL still holds certification by EPA 624 for the PP list.*
- **EPA Method 625 is not allowed for the dichlorobenzene isomers.**
  - Reason: *It is more appropriate to run these compounds in the volatiles run.*
    - *These compounds are run under EPA 8260B or EPA 624.*
- **EPA Method 608 is not allowed for Methoxychlor.**
  - Reason: *The EPA MUR does not allow Methoxychlor to be run by EPA 608.*
    - *IAL can run Methoxychlor by EPA 8081A.*
- **Hexavalent Chromium will be run by SM3500Cr-B.**
  - Reason: *The EPA MUR changed the method from SM3500Cr-D to SM3500Cr-B. The methods vary minimally.*
- **Bromide is not allowed to be analyzed using titrimetric analysis.**
  - Reason: *The EPA MUR disallows titrimetric analysis in favor of Ion Chromatography.*
    - *IAL is pursuing certification for EPA 300.0 and EPA 9056A.*

These changes are effective immediately.

273 Franklin Road  
Randolph, NJ 07869  
**Phone:** 973 361 4252  
**Fax:** 973 989 5288



IAL is a NELAP/TNI New Jersey Certified Lab (14751) and maintains certification in Connecticut (PH-0699), New York (11402), Rhode Island (00126), Pennsylvania (68-00773) and in the Department of Navy IR QA Program