



N.J. LABORATORY TEST REQUIREMENT CHANGES – 2010

4/26/2010

1. Change from PP list to TCL/TAL

Amendments to the NJDEP Tech Rules (11/4/09) eliminate the option of reporting the **Priority Pollutant List** for the analyses listed on Table 2-1. Following are the new requirements:

- Petroleum Products

Both soil/sediment and groundwater samples must be analyzed for Target Compound List (TCL) VOCs +10 (624/8260B), TCL BN+20, SVOCs or PAH (625/8270C), and for TAL Metals (200/6000/7000 Series), as dictated by the petroleum product type. Additionally, TCL BNs or PAH groundwater samples must be measured using 8270 SIM to achieve compliance with NJDEP 11/05 GW quality standards.

- Unknown contaminants

Samples shall be analyzed for TCL VOCs+10, TCL SVOCs +20, TCL Pesticides, TCL PCBs, and for TAL Metals & Cyanide (TCL/TAL +30), Hexavalent Chromium, Petroleum Hydrocarbons and pH, per page 49, 11/4/09 Tech Rules.

Additionally, groundwater TCL VOCs must also be analyzed by 8011 for Ethylene dibromide and 1,2-Dibromochloropropane, and TCL BNs or PAH groundwater samples must be measured using 8270 SIM to achieve compliance with NJDEP 11/05 GW quality standards.

(Source: [NJDEP SRP- Technical Requirements for Site Remediation
www.state.nj.us/dep/srp/regs/techrule/](http://www.state.nj.us/dep/srp/regs/techrule/))

2. Change of TPH test to NJ – EPH (Extractable Petroleum Hydrocarbons)

NJDEP has certified a new test and a protocol to assess the concentration of petroleum hydrocarbon contamination. The dates and conditions of its phase in should be carefully evaluated. IAL is certified to perform the new EPH test .

NJDEP's recommendations for implementing the Protocol can be accessed through the link <http://www.state.nj.us/dep/srp/guidance/rs/#phc> – PHC Guidance

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N.J. LABORATORY TEST REQUIREMENT CHANGES – Continued...

3. Change of TO-15 test to LL TO-15 Test (Low Level VOC testing via GC-MS, with Summa Canister sample collection)

Integrated Analytical Laboratories is pleased to announce that on January 21, 2010, the laboratory was granted certification for Low-Level TO-15 (LLTO-15) by the NJDEP. IAL is only the second lab in the nation to receive this certification and the first lab in New Jersey.

LLTO-15 is a modified version of EPA Method TO-15 with stricter quality control rules and lower reporting limits. The purpose of LLTO-15 is to move the reporting limits for some compounds closer to the healthbased criteria.

While not required yet, once 3 laboratories become certified, the NJDEP will require all TO-15 analyses to be conducted using LLTO-15. This will occur after a 6-month “phase-in” period.

If you have any questions pertaining to the change in methodology, please feel free to contact IAL’s Air Laboratory at (973) 361-4252 x273.

Important websites:

Updates on NJDEP Method LLTO-15 –

<http://www.state.nj.us/dep/srp/guidance/vaporintrusion/newmethod2007/>

What's New: Vapor Intrusion Updates from the NJDEP -

<http://www.state.nj.us/dep/srp/guidance/vaporintrusion/whatsnew.htm>

PLEASE CONTACT YOUR SALESPERSON FOR DETAILED INFORMATION AND PRICING

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