

MADEP CAM UPDATES

Spectrum's Live Date for New MADEP CAM Certification Form

The MADEP has revised their recommended laboratory protocols, and field sample Quality Assurance/Quality Control (QA/QC) and reporting requirements for analytical data used in support of assessment and evaluation decisions at disposal sites regulated under M.G.L.c. 21E, the Massachusetts Contingency Plan (MCP). Spectrum's live date for reporting under these new criteria and format is **March 8, 2010**. In order to assist environmental professionals in meeting the required deliverables specified in the CAM and to ensure data achieves "Presumptive Certainty" Spectrum has compiled the following list of notable changes.

For more specifics concerning these new CAM protocols, visit the CAM Revisions Workgroup web page at <http://www.mass.gov/dep/cleanup/laws/camwkpr.htm#VII> or contact our QA Department.

Air Methods

CAM protocols have been created for MADEP APH and EPA Method TO-15.

- Complete and return Spectrum's Chain of Custody Record/Field Test Data Sheet for Air Analyses. This document includes the information required to properly track and document information required under CAM.
- In order to meet CAM reporting limits for many compounds low-level testing will need to be run. *Client must specify low-level testing is needed when requesting cans as well as noting the correct method reference on the COC when submitting samples.*

PCBs

Non-detect PCB Aroclor results do not necessarily mean no PCBs present in sample! Further testing for PCB congeners may be advisable. Spectrum is currently calibrated to report 27 congeners. Please contact our QA Dept for a listing of congeners or to discuss project requirements.

Metals Methods

The revised methods are suggesting analysis by ICPMS to meet GW-1 standards.

Please be sure to indicate intended analytical methods on COC . Spectrum's default method for CAM metals is ICP method SW846 6010B.

Soil/Sediment testing for Cr+6

- Aliquot for Cr+6 analysis of soil/sediment must be taken from a separate jar than the total chromium
- Soil/sediment samples must also be submitted for pH and ORP.
- If Cr+6 analysis is being held pending total chromium results be sure to properly label and identify container to be held for potential Cr+6 analysis and request immediate testing for pH and ORP.

SVOCs by Method 8270

New revisions recommends running SIM technique in order to meet PAH CAM limits. SIM must be requested if required (additional charge may apply).

