

## MEMORANDUM

**DATE:** February 5, 2009

**SUBJ:** Revision Status for Changes to the CT LUST QAPP

**FROM:** Timothy Baird, Environmental Analyst 2  
CT DEP LUST Program Quality Assurance Officer

**TO:** Andrea Beland, United States EPA-Region 1  
EPA LUST Project Manager

In consideration of providing the EPA-Region 1 with recent modifications to our approved *Connecticut Department of Environmental Protection Leaking Underground Storage Tank Program Quality Assurance Project Plan (QAPP)*, I present the following for your review. It is our opinion that these changes represent minor edits, and therefore, simply need to be brought to your attention without a complete revision of our QAPP. However, if you should consider any or all of these changes to be major, then we will initiate a formal revision of our QAPP and submit it to the EPA for review. Thank you in advance for your assistance and please contact me at (860) 424-3218 with any questions.

### Changes to our Approved QAPP:

1. As indicated in my October 18, 2007 memo to you, the CT DEP underwent reorganization where several bureaus and programs were renamed. Our (LUST) Program is now recognized as the **Site Assessment and Support Unit**, which exists under the **Emergency Response and Spill Prevention Division** of the **Bureau of Materials Management & Compliance Assurance**. On May 23, 2008 three new staff were hired to work with the Site Assessment and Support Unit. While Charles Morrison and Vincent Long function under "Field Operations", Allison Forrest works with "LUST Coordination." CT DEP *Organizational Charts* are available upon request.
2. According to the CT DEP *Site Characterization Guidance Document* (effective September 1, 2007), it is expected that responsible parties and environmental professionals ensure that the analytical data generated during environmental investigations or remediation projects are of a known and appropriate quality. To assist these parties in evaluating the quality of analytical data, a workgroup developed the *Reasonable Confidence Protocols (RCPs)*. The RCPs are analytical procedures that include specific laboratory Quality assurance and Quality Control (QA/QC) criteria that produce analytical data of known and documented quality. Currently, the RCPs have been developed for eighteen of the most commonly used analytical methods.

CT DEP QAPP Changes (page 2 of 2):

**Changes to our Approved QAPP (cont.):**

3. Site Assessment and Support Unit field staff are issued air purifying respirators (APR). If the environmental conditions degrade significantly during a site investigation, these APRs are designed to filter out the target pollutants so that the breathing air is of acceptable quality. Based on the results of annual health monitoring at the University of Connecticut Occupational and Environmental Health Center, personnel are annually fit-tested to assure a proper seal with their Mine Safety Appliances (MSA) APR. A new APR will be issued if the results of the fit-test are below a particular standard. The staff would then be retested with the new APR.

Please accept these changes to our QAPP if you consider them to be minor. If any other minor program changes occur in the future, I will notify the EPA of such modifications by letter. Regardless, of any potential minor changes, a new, completely revised QAPP (including appendices) will be submitted to the EPA by the fall of 2010 so that it can be reviewed and approved before January 19, 2011. This new document will also incorporate the changes identified in the October 18, 2007 QAPP modification memo written to you. Thank you for your time.

Sincerely,

Timothy Baird  
CT DEP/Site Assessment and Support Unit  
Environmental Analyst 2  
QAPP Quality Assurance Officer