

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION II

DATE:

MAY 14 1992

SUBJECT: TuTu Wells Site - Soil and Groundwater Investigation
Revised Oversight Work/QA Plan

FROM: Laura Scalise, Project Quality Assurance Officer
Monitoring Management Branch

L. Scalise

TO: Caroline Kwan, Project Manager
New York/Caribbean Superfund Branch II

The revised oversight work/quality assurance plan for the TuTu Wells Site soil and groundwater investigation, which was received April 27, 1992, has been reviewed and commented on by our ESAT contractor. I have examined the comments and found them to be relevant and appropriate. Please find a copy of the comments attached.

If you have any questions please call me at (908) 906-6171.

Attachment

1. General Comments

- A. There seems to be a discrepancy between the two compounds 1,2-dibromoethane and 1,2-dichloroethane indicated in the various sections and tables of the Short-Form QA Plan. Please address this inconsistency by clearly specifying which of the above two compounds are the parameters of interest for this project. Note that 1,2-dichloroethane is included on the TCL list of volatile organic compounds, where as 1,2-dibromoethane is not included on this list.
- B. Special Analytical Service (SAS) requests must be submitted for the analysis of Methyl-Tertiary-Butyl-Ether (MTBE) and n-propyl benzene by GC/MS. A SAS request may also be needed for the analysis of 1,2-dibromoethane, if it is a parameter of interest for this project. 1,2-dibromoethane may be analyzed by purge and trap GC/MS. CLP QA/QC criteria must be met. Note that the lag time for SAS requests is between 4-6 weeks. Additional lag time may be needed by the lab in order to perform MDL studies on MTBE, n-propyl benzene and 1,2-dibromoethane. This lag time must be taken into consideration when scheduling SAS samples through the CLP.

2. Section 7F - QC Sample Analysis/Trip Blanks, Page 3

Specify that the trip blanks will be preserved with 1:1 HCl to pH <2 just like any other aqueous field sample for VOC analysis.

3. Table 1 - Parameter Table for Sub-Surface Soil Investigation, Page 14

Please include cyanide in Table 1 for sub-surface soil analysis and list all the required information.

4. Table 2 - QA/QC Summary Table, Page 17

- A. The collection of 10 field blanks for 14 investigative samples is excessive. As indicated in my previous comments to EPA, dated 24 February 1992, obtain 2 field blanks associated with 2 randomly collected split samples.
- B. Delete all aqueous and soil field blanks for TPH analysis. The total number of aqueous TPH samples are to be corrected to 8 and the total number of soil TPH samples are to be corrected to 6.