

**POSTED:** 07/21/99

### **REPORTING MTBE MONITORING RESULTS**

MTBE monitoring results must be reported to the department on a Microsoft Excel Spreadsheet. A spreadsheet for downloading is provided. Use the format and heading order as presented

The "Monitoring Event" column should be completed with the stage of the RBCA process in which the samples were collected (e.g., Tier 1, Tier 2, SMR, pre-RBCA SMR, CADR Remediation sampling). Sample locations should be clearly identified. If the sample location is not a monitoring well or borehole, the Sample ID should be descriptive enough to tell the origin of the sample (e.g., Municipal Well #1, influent to carbon treatment system, etc.)

Sampling dates must be entered in the mm/dd/yyyy format. Provide ground surface and sample depth elevations in feet above sea level (ASL) measured to the nearest 0.1 foot and static water level in feet ASL measured to the nearest 0.01 foot.

Concentrations must be reported in units of mg/kg for soil samples and ug/L for water samples. If there are no results for a particular sample, the column must be left blank (e.g., a water sample was collected from MW-13, but no soil sample was collected, leave the column "MTBE Soil" blank). If the concentration reported is less than the quantitation limit, indicate the quantitation value preceded by the less than symbol (e.g., < 15). MTBE data collected prior to July 1, 1999 should not be submitted.

MTBE results from treatment system samples are to be tabulated in the MTBE-Groundwater column (influent, effluent). Additionally, if ethyl-tertiary butyl ether(ETBE), tertiary-amyl methyl ether (TAME), diisopropyl ether (DIPE), or tertiary-butyl alcohol (TBA) is identified in the sample, this should be reported in the "Comments" column.

A diskette containing the spreadsheet file along with a hardcopy of the MTBE Excel spreadsheet must accompany any LUST report submitted to the department (Tier 1, SMR, pre-RBCA SMR, CADR, etc.) with the exception of free product recovery reports. The MTBE Excel file may be copied to the same disk submitted with a Tier 1 report, Tier 2 SCR, or version 2.2 SMR (forthcoming). The Excel file name should contain the LUST number for the site (e.g., M8LTA26.XLS). A separate disk must be submitted for each LUST site (i.e., multiple files for multiple LUST sites should not be submitted on one disk, nor should multiple LUST sites be compiled into one spreadsheet file).

Copies of chromatograms and associated quantitation reports for the above testing do not need to be submitted to the department, but must be made available upon request. The laboratory data sheets which contain the MTBE sample results must be provided when the disk is submitted. The laboratory data sheets should not be incorporated into the report being submitted. Ensure the laboratory data sheets contain the information required in 567--135.16(2).

