

US EPA ARCHIVE DOCUMENT



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 2

290 BROADWAY

NEW YORK, NEW YORK 10007-1866

November 23, 2005

Anne Papageorge
Vice President for Memorial and Cultural Development
Lower Manhattan Development Corporation
One Liberty Plaza
New York, New York 10006

Dear Ms. Papageorge:

LMDC conducted background ambient air sampling over a two week period. Two of the analytes sampled and analyzed during the background ambient air sampling were PM₁₀ and PM_{2.5} using both real-time monitors and reference method samplers. EPA worked with LMDC to ensure that an appropriate correction factor was applied to the real-time Met One E-BAM monitors to simulate the reference method PM₁₀ sampler and the reference method PM_{2.5} sampler based on the analytical results of the background sampling.

Since the time of the background sampling, LMDC, and its consultant, TRC, have generated additional ambient air sampling analytical results and have provided EPA with data reflecting measurements collected through November 6, 2005. Based upon the field data collected since the time of the background sampling, LMDC has requested that the correction factor of 15 % currently in place for all Met One E-BAM PM_{2.5} data be eliminated and be replaced with a correction factor of - 10%. In addition, LMDC has requested that the correction factor of 30% currently in place for all Met One E-BAM PM₁₀ data be eliminated with no correction factor being employed as the project moves forward.

Based upon a review of the information provided by LMDC and TRC, EPA believes that a correction factor is no longer needed at the present time for the Met One E-BAM PM_{2.5} and PM₁₀ data prior to reporting and for comparison to project action levels. As new data is provided by LMDC and reviewed by EPA, the need for the re-introduction of a correction factor to the real-time Met One E-BAM monitors will be evaluated.

Sincerely,

/s/

Pat Evangelista
WTC Coordinator
New York City Response and Recovery Operations

cc: William Kelley, LMDC
Ed Gerds, TRC
Chris Alonge, NYSDOL
Krish Radhakrishnan, NYCDEP
Richard Mendelson, OSHA
Robert Iulo, NYCDOB
Sal Carlomagno, NYSDEC