



DEPARTMENT OF THE ARMY
UNITED STATES ARMY TANK-AUTOMOTIVE AND ARMAMENTS COMMAND
WARREN, MICHIGAN 48397-5000

REPLY TO
ATTENTION OF

AMSTA-CM-BB (SAEP)

October 12, 2001

Mr. Kenneth Feathers
State of Connecticut
Department of Environmental Protection
79 Elm Street
Hartford, CT 06106-5127

**SUBJECT: PRELIMINARY REMEDIATION GOAL DEVELOPMENT
FEASIBILITY STUDY REPORT
STRATFORD ARMY ENGINE PLANT
STRATFORD, CONNECTICUT**

Dear Mr. Feathers: *keu*

In developing a strategy for completion of the Feasibility Study (FS) Report, it came to our attention that regulatory agency agreement with the rationale for development of Preliminary Remediation Goals (PRGs) would aid in the completion of the FS in the scheduled timeframe. The following is the proposed rationale for development of PRGs and extent of contamination areas for soil, soil vapor, indoor air, and groundwater:

Soil: PRGs will be established as the lower of the CTDEP RSR Residential Direct Exposure Criteria and GB Pollutant Mobility Criteria for individual compounds. The Army also may develop alternative criteria, as directed by the RSRs, if appropriate.

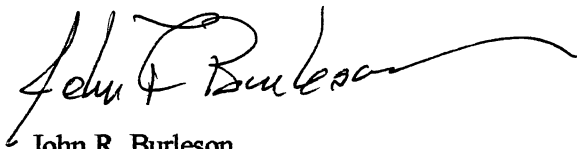
Soil Vapor: PRGs for this media will be established as the lower of the CTDEP RSR Residential Volatilization Criteria for Soil Vapor, calculated Site-specific Volatilization Criteria for Soil Vapor (as directed by the RSRs), or quantitative values calculated during development of the proposed Johnson-Ettinger Model. Development and attainment of PRGs for the soil vapor medium will address the pathway for indoor air contamination at the SAEP site.

Groundwater: PRGs for groundwater will be established by evaluating CTDEP RSR Surface Water Protection Criteria (including Ambient Water Quality Criteria), Residential Volatilization Criteria for Groundwater, and alternative criteria (as directed by the RSRs from information generated in the groundwater model). Please note that it is anticipated that separate PRGs will be established for shallow groundwater and for deep groundwater, based on divisions previously made in the groundwater model.

Exceedances of the established PRGs will define the extent of contamination in each media, and ultimately the areas/volumes to be addressed in the FS.

Please provide your comments on the above rationale by Friday, October 12, 2001. Feel free to contact myself, or Gina Rustad at (207) 828-3539, if you have questions regarding this letter.

Sincerely,

A handwritten signature in black ink that reads "John R. Burleson". The signature is fluid and cursive, with a long horizontal flourish extending to the right.

John R. Burleson
USATACOM-SAEP

cc: M. Welsh, CTDEP OLISP
M. Cassidy, USEPA
M. Clemens, USACE-NAE
J. Frye, USACE-NYD
N. Walter, Harding ESE