



Connecticut Department of

**ENERGY &
ENVIRONMENTAL
PROTECTION**

July 16, 2013

Ms. Almerinda Silva, EPA Remedial Project Manager
USEPA Region 1- New England
5 Post Office Square - Suite 100 (Mail Code: OSRR07-4)
Boston, MA 02109-3912

**RE: Recommendation for Approval
Vapor Intrusion Groundwater Investigation Report
Old Southington Landfill, Southington, CT, EPA I.D. No. CTD980670806**

Dear Ms. Silva:

The Connecticut Department of Energy and Environmental Protection (CT DEEP) has reviewed and commented on the report titled Vapor Intrusion Groundwater Investigation Report, Old Southington Landfill (OSL), Southington, CT dated July 2012, prepared for Performing Settling Defendants OSL Superfund Project by Loureiro Engineering Associates, Inc. (LEA), Plainville, CT. During the review process, the CT DEEP staff participated in conference calls and other means of communication with EPA and LEA.

The vapor intrusion groundwater investigation was conducted to evaluate a potential risk of volatile organic compounds vapor intrusion to several properties located west and southwest of the OSL, including the Chuck & Eddie's Salvage Yard (C&E) at 459 Old Turnpike Road, the Radio Station property at 440 Old Turnpike Road, and residential properties on Nunzio Drive and Barbara Lane. The investigation was performed in accordance with the 2009 Consent Decree and the November 2010 Remedial Design Project Operation Plan approved by EPA in December 2010.

The review indicates that the subject report provides a comprehensive description of the design and performance of the investigation that included: installation of groundwater monitoring wells and soil vapor probes; groundwater and soil vapor sampling and analysis; evaluation of the analytical results and their comparison against the approved performance standards and applicable criteria; and a summary of findings and conclusions.

The reviewer agrees with the conclusions presented in the report concerning risk to investigated residential properties due to volatilization from the contaminated groundwater emanating from the OSL and that there is no need for further monitoring at these locations with respect to soil vapor intrusion. However, institutional controls in the form of environmental land use restrictions are necessary for the C&E and Radio Station properties to eliminate the potential for vapor intrusion risk to human health (by prohibiting future residential use and restricting new construction of buildings without appropriate vapor intrusion safeguards) on these industrial/commercial properties.

DEEP recommends that EPA-New England approves the Vapor Intrusion Groundwater Investigation Report dated July 2012. If you have any questions pertaining to this matter, please contact me at (860) 424-3283.

Sincerely, *Gene Shteynberg*

Gene Shteynberg, Environmental Analyst 3
Remediation Division, Bureau of Water Protection and Land Reuse

c: David Fiereck, LEA 79 Elm Street, Hartford, CT 06106-5127
Christine Lacas, DEEP www.ct.gov/deep
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