



**STATE OF CONNECTICUT**  
**DEPARTMENT OF ENVIRONMENTAL PROTECTION**



February 26, 2010

Mr. David M. Share  
Director, Environmental Remediation  
Olin Corporation  
3855 North Ocoee Street, Suite 200  
Cleveland, TN 37312

**Subject:        Concurrence with TCLP Lead Data Review**  
**Evaluation of Material for Placement at the "Tire Pond" Landfill**  
**Non-Public Properties, Newhall Street Neighborhood**  
**Hamden, Connecticut**

Dear Mr. Share:

Staff of the Waste Engineering and Enforcement Division ('the Department') have reviewed the soil characterization report entitled "Evaluation of Fill TCLP Lead Data, Non-Public Properties, Newhall Street Neighborhood, Hamden, Connecticut," dated December 15, 2009. The report was prepared and submitted by MACTEC Engineering and Consulting, Inc. ('MACTEC') on behalf of Olin Corporation. The report includes a comparison of TCLP lead data from 109 samples of soil collected from residential properties located within the Non-Public Property portion of the Newhall Street Neighborhood, to the numeric criteria of the Tire Pond Material Acceptability Protocol, dated March 14, 2007.

The report states that seven of the 109 TCLP lead samples contained elevated concentrations of TCLP lead that exceed the Material Acceptability Protocol acceptance criteria of 5 mg/L. These seven samples were collected from six distinct areas that are located specifically in Blocks C, E, F, H, L, and Q of the Non-Public Property area. The report states that the seven newly identified areas will be fully delineated and that fill material from these areas, as well as fill from the two previously identified outlier areas located in Block F, will be handled separately from the remaining Non-Public Property fill material.

The report concludes that the 109 TCLP lead samples are sufficient to meet the sampling frequency requirement of 1 sample per 1,000 cubic yards of material specified in the Material Acceptability Protocol. The report also concludes that all of the Non-Public Property fill material, with the exception of the seven newly identified areas (and the two previously identified outlier areas in Block F, for a total of 9 outlier areas), meets the requirements of the Material Acceptability Protocol.

**The Department concurs with the conclusions presented in the December 15, 2009 report. In the interest of clarity, please note that this concurrence applies only to those materials that are removed to achieve compliance with the remedy for the Newhall Remediation Project. Also, this concurrence does not extend to the nine outlier areas that have been identified as containing elevated concentrations of lead. Please also note that, based on the requirements and purpose of the Material Acceptability Protocol, any soils that at any time exhibited lead at or in excess of 1,000 mg/kg (via mass analysis) or 5.0 mg/l (via TCLP) shall not be eligible for reuse as fill material at the**

**Tire Pond (regardless of treatment). The Department is willing to work with you to assist in determining the management options for such material.**

The Department notes that the MACTEC report contains a proposal to further characterize and delineate each of the seven newly identified areas containing elevated TCLP lead. Please be aware that the Department's Remediation Division will address this aspect of the report in a separate letter.

If you have any questions regarding this matter, please do not hesitate to contact me at (860) 424-3271 or alternatively, you may contact William Sigmund of my staff at (860) 418-5924.

Sincerely,



Diane W. Duva, Assistant Director  
Waste Engineering and Enforcement Division  
Bureau of Materials Management and Compliance Assurance

DWD/wjs

Copy:

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