



CON 12-15  
DOC# 34948

September 5, 1997

Mr. Cal Lumberg  
Iowa Department of Natural Resources  
Uncontrolled Sites Division  
Wallace State Office Building  
Des Moines, Iowa

RE: Limited Phase II Assessment  
Weyerhaeuser Company  
3308 South 11th Street  
Council Bluffs, Iowa  
Terracon Project No. 40975056

Dear Mr. Lumberg:

On November 25, 1996 Terracon Environmental Inc. (Terracon) performed closure monitoring services of a 6,000 gallon diesel above-ground tank and underground lines. During the closure, impacted soils were observed and excavation was performed on November 26, 1996 to removed the impacted areas. After the excavation, remaining soils in the area were field tested and indicated that the impacted soils had been removed however, some impacted soils remained in the excavation near the above-ground tank.

As a result, we requested that Terracon perform a subsurface assessment to evaluate the impact to the groundwater and soil. The scope of the project included the use of a photo-ionization detector (PID) to field test soil samples for the presence of petroleum vapors and subsequent benzene, toluene, ethylbenzene, and xylene (BTEX) and total extractable hydrocarbons (TEH) analysis for soil samples exhibiting detectable PID responses.

Two soil samples were submitted that exhibited detectable PID responses for laboratory analysis of BTEX and TEH. The results of the PID testing indicated concentrations of volatile organics in soil samples from below detection limits to 77 ppm. Analytical results of soil samples indicated BTEX concentrations were below the laboratory detection limits except the xylene concentration, which indicated a concentration of 0.64 ug/g in one of the samples. TEH concentrations indicated 59 and 41 ug/g.

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The analytical results for groundwater samples indicated BTEX concentrations were below the laboratory detection limits for each of the four temporary wells.

As a result of testing and analysis Terracon recommends that no further work should be necessary at this site. We hope that this information is sufficient to provide closure to the above ground tank removal project. If you have questions or require additional information please call me at (712) 366-2521.

Sincerely,



Bart Thune  
Finance Manager / Environmental Coordinator

cc: Richard Wilson  
Jeff Stamps  
John Gross  
File