

**Aquaterra**  
39 Pinnacle Drive  
South Burlington, Vermont 05403  
Tel/fax: (802) 860-5016

*file*

17 July 1998

Mr. Bob Butler  
ANR DEC Waste Management Division  
103 South Main Street West Office Building  
Waterbury, Vermont 05671-0404

Re: Soil headspace screening at Champlain Farms in Bristol (Site # 98-2339)

Dear Mr. Butler

On the morning of 17 July 1998, polyencapsulated soil piles (total of 20 to 25 cubic yards) at the above referenced location were headspace screened for volatile organic compounds. Three distinct piles (each about 5 to 10 cubic yards) were located near the southern boundary of the property, behind (south of) the store and an adjacent gravel parking area. Each pile was mostly sand with varying amounts of gravel

Representative samples from each pile was collected by driving a steel tube into the center of the pile until the ground surface was reached, withdrawing the tube, and vibrating the collected soils out of the tube into a "zip-lock" plastic bag. Samples (a total of five) were then allowed to equilibrate to ambient temperature. An hnu DL-101 portable photoionization device with a 10.2 eV lamp and calibrated with 100 ppm isobutylene gas to register as benzene was used for all headspace measurements. All readings were less than 1 ppm. No distinct petroleum odor or staining was observed

At this time, approval for on-site thin spreading of these soils onto the gravel parking area behind (south of) the convenience store is requested. Please contact me if you have any questions concerning this information or request.

Sincerely

  
Roland Luxenberg, P.E.

cc: Wesco, Inc. (South Burlington, VT)