



# State of Vermont

Department of Fish and Wildlife  
Department of Forests, Parks and Recreation  
Department of Environmental Conservation  
State Geologist  
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AGENCY OF NATURAL RESOURCES  
Department of Environmental Conservation  
Hazardous Materials Management Division  
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January 25, 1996

SHIRLEY BOOTH  
PO BOX 87  
WILLIAMSTOWN VT 05679

RE: Site Management Activity Completed, Booth Residence, Williamstown, VT  
(Site #95-1756)

Dear Ms. Booth:

The Vermont Department of Environmental Conservation, Sites Management Section (SMS) has reviewed North Country Environmental Services (NCES) November 29, 1995 letter documenting the dismantling of both the soil vapor extraction (SVE) system and the monitoring wells at the above referenced site. This monitoring and remediation equipment was installed in response to the release of 80 - 100 gallons of kerosene from an aboveground storage tank (AST). NCES excavated seven cubic yards of kerosene contaminated soil from underneath the onsite mobile home to assist in reducing the contaminant source. This soil was transported to New Hampshire for asphalt batching. In order to determine whether groundwater was impacted, two groundwater monitoring wells were installed. Laboratory analysis of groundwater samples collected from the wells have indicated no evidence of petroleum contamination. In order to mitigate risk of impact to either groundwater or indoor air, a SVE system was installed. The initial peak volatile organic compound concentrations in the SVE system influent were 120 parts per million (ppm), as measured by a photoionization detector (PID). At the time of the SVE system shut down, the influent concentrations had been effectively reduced to below 13 ppm. Municipal water supplies the onsite mobil home, as well as other nearby residences. Additionally, indoor air has not been impacted by petroleum vapors. Based on the current conditions at this site, the SMS has determined that this site is now eligible for a SMAC (Site Management Activity Completed) designation. This means that the SMS has determined the following:

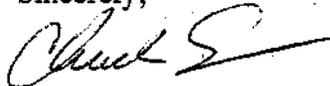
- the kerosene AST has been replaced, and is no longer a continuing source of petroleum contamination at this site;
- groundwater collected from the monitoring wells installed at this site has contained no evidence of petroleum contamination;
- any risk of residual petroleum contaminated soil impacting either groundwater or indoor air has been effectively mitigated by the SVE system;
- all excavated petroleum contaminated soils were transported to an asphalt batching plant in New Hampshire for proper treatment; and
- any residual contamination does not pose an unacceptable risk to human health or the environment.

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Based on these findings, the SMS has determined that site management activities have been completed. The completion of these activities does not release Shirley Booth or Foremost Insurance of any past or future liability which may arise from the petroleum contamination discovered to have originated from the AST at the Booth Residence site. It does mean that the SMS is not requiring any additional work be performed in response to the contamination discovered at this site. If you have any questions or comments, please feel free to contact either me or Matt Moran at (802)-241-3888.

Sincerely,



Chuck Schwer, Acting Chief  
Sites Management Section

cc: Williamstown Selectboard  
DEC Regional Office  
Mike McCarley, NCES  
Steve LaRosa, Lincoln Applied Geology

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