



## State of Vermont

---

Department of Fish and Wildlife  
Department of Forests, Parks and Recreation  
Department of Environmental Conservation  
State Geologist  
RELAY SERVICE FOR THE HEARING IMPAIRED  
1-800-253-0191 TDD>Voice  
1-800-253-0195 Voice>TDD

AGENCY OF NATURAL RESOURCES  
Department of Environmental Conservation  
Waste Management Division  
103 South Main Street/West Office  
Waterbury, Vermont 05671-0404  
(802) 241-3888  
FAX (802) 241-3296

September 12, 2003

Mr. Ronald Schmucker  
Schumucker Property  
1480 Dorset Heights  
South Burlington, Vermont 05403

RE: Site Management Activity Completed at the Schmucker Residence, South Burlington, Vermont (SMS Site # 93-1471)

Dear Mr. Sthmucker:

The Sites Management Section (SMS) has completed a file review, for the above referenced site, referencing the contamination discovered during the removal and replacement of one (1) 1500 gallon No. 2 fuel oil underground storage tank (UST) at the Schmucker Residence, South Burlington, Vermont. With this information the SMS can now make the following determination:

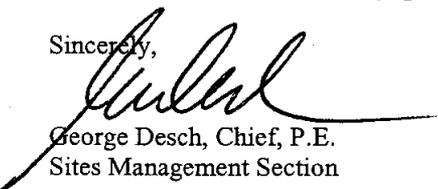
- On September 14, 1993, petroleum contaminated soils were discovered during the removal and replacement of one (1) 1500 gallon No. 2 fuel oil UST at the Schmucker Residence, South Burlington, Vermont.
- Screened soils from the UST excavation had volatile organic compound (VOCs) concentrations ranging up to 120 parts per million (ppm), as measured by a photoionization detector (PID).
- The fuel oil tank was reported to be in good condition with some rust, but no holes.
- Soils in the excavation consisted primarily of silty clays to a depth of 9.0 feet underlain by a clay hardpan with some stones.
- Approximately 8.0 cubic yards of petroleum contaminated soils were excavated and polyencapsuled on-site. No plan was developed to treat or monitor the soil stockpile, which remained on-site.
- No groundwater, free product or bedrock was encountered to a depth of 9.5 feet below grade in the UST excavation.
- On August 12, 2003, eight (8) soil samples were collected from the soil stockpile and screened for VOCs with a PID. The samples exhibited no visual or olfactory evidence of petroleum contamination and were non-detect for VOCs as measured with a PID.
- No sensitive receptors appear to be threatened or impacted. The on-site drinking water well is approximately 100 yards Southeast of the former UST. The well and the surrounding wells are upgradient of the former UST, and the apparent direction of the groundwater flow is to the west toward Lake Champlain.
- No unacceptable risk to human health and the environment is present due to the residual contamination remaining in the ground from the contaminated soils encountered during the removal and replacement of one (1) 1500 gallon No. 2 fuel oil UST at the Schmucker Residence in April 1993.

Based on the above, the SMS is assigning this site a Site Management Activity Completed (SMAC) designation. This SMAC designation will not release you from any past or future liability associated with the petroleum contamination at the site. It does, however, mean the SMS is not requesting any additional subsurface work in response to the UST removal and

replacement from the Schmucker Residence in April of 1993. The SMS does request that the remaining soil stockpile be thin-spread on site, and that you send a letter for our files documenting the date that this work is done.

Please feel free to call with any questions. I can be reached at (802) 241-3491.

Sincerely,



George Desch, Chief, P.E.  
Sites Management Section

Cc: Dec Regional Office  
Miles Waite, Waite Environmental Management, LLC.