



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
Waste Management Division
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June 8, 1998

KEVIN AND LAURIE THRESHER
UNION BROOK RD
RR 2 BOX 1870
NORTHFIELD VT 05663

RE: Site Management Activity Completed - Thresher Residence Site (#97-2145) Northfield, VT

Dear Mr. and Mrs. Thresher:

The Vermont Department of Environmental Conservation, Sites Management Section (SMS) has reviewed the latest report from the above referenced site. A clean-up was performed at the above site after the release of up to 200 gallons of #2 fuel oil from a 275 gallon aboveground storage tank. 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 275 gallon AST has been replaced and is no longer a continuing source of petroleum contamination at this site;
- groundwater was only encountered adjacent to the west side of the house but at all other locations the downward extent of the excavation was limited by bedrock. No free product or sheens were noted in the excavation. Water in the basement sump had noticeable sheening during site remediation but no free product was found. An activated carbon drum was placed at the sump pump discharge until there was no longer water present in the sump and there was no visible or olfactory evidence of petroleum contamination. The Thresher bedrock water supply well located onsite has not been impacted;
- most of the petroleum contaminated soil was removed and successfully treated offsite using the polyencapsulation treatment option at the Waste Professionals of Vermont landfill in Moretown, VT. Five 55 gallon drums of soil contaminated with over 400 parts per million (ppm) of volatile organic compounds (VOCs) as measured with a photoionization detector (PID) were shipped to City Management Corporation in Michigan for destruction by incineration. Some soil contaminated with VOCs ranging from 10 ppm to 50 ppm as measured with a PID remains in the subsurface due to field conditions encountered during the excavation; and
- any residual contamination does not pose an unacceptable risk to human health or the environment.

Based on these findings, the SMS has determined that site management activities have been completed. The completion of these activities does not release Kevin and Laurie Thresher of any past or future liability which may arise

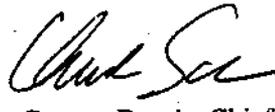
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from the petroleum contamination discovered to have originated from the USTs at the Thresher Residence site. It does mean that the SMS is not requiring any additional work be performed in response to the contamination discovered at this site.

If you have any questions or comments, please feel free to contact either me or Tim Cropley at (802)241-3888.

Sincerely,


George Desch, Chief
Sites Management Section

cc: Alan Liptak, The Johnson Co.
Phil Nelson, Concord Group Insurance
Northfield Selectboard
DEC Barre Regional Office

GD/hc/sms/972145