



State of Vermont

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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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Waterbury, Vermont . 05671-0404
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January 23, 1997

MR WINSTON DOE
RR 1 PO BOX 11A
SOUTH RYEGATE VT 05069

RE: Sites Management Activity Completed at the Davidson Property
(Site #96-2019)

Dear Mr. Doe:

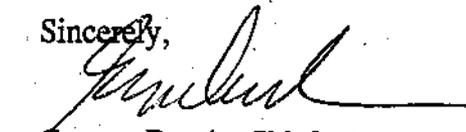
The Sites Management Section (SMS) has reviewed the letter report from Ground Water of Vermont (GWV) dated January 14, 1997. This letter report presents the analytical results of samples collected from the three onsite monitoring wells and the onsite water supply well on January 2, 1997. Based on the information provided in the letter report and initial site investigation report dated July 25, 1996, the SMS can make the following conclusions:

- On June 5, 1996, a 2,000-gallon single-walled underground storage tank (UST) that contained heating oil was removed from the Davidson property.
- Within the excavation of the UST, soil and groundwater contamination was evident based on the presence of petroleum odors, stained soils, and petroleum sheens on the groundwater. Photoionization detector (PID) readings of soil samples collected from the excavation ranged from 0.2 ppm to 159 ppm, with an average reading of 70 ppm.
- Based on the three monitoring wells, groundwater flow was easterly and depth to groundwater was less than five feet. The groundwater samples collected from the three monitoring wells and one water supply well on January 2, 1997, were analyzed for petroleum contamination using EPA method 8020. These analytical results show no petroleum contamination above the Vermont Groundwater Enforcement Standards, which confirm the results from the previous round of samples collected on July 2, 1996.
- No evidence of contamination, such as odors and stains, was found in the basement, which is next to the former UST location. On July 2, 1996, a survey of the air in the basement with a PID found no evidence of petroleum contamination.
- No unacceptable risk to human health and the environment is present from the residual contamination remaining in the ground from the removed UST.

Based on the above, the SMS is assigning this site a Site Management Activity Completed (SMAC) designation. This SMAC designation does not release you of any past or future liability associated with the petroleum contamination remaining in the ground from the removed USTs. It does, however, mean that the SMS is not requesting any additional work at this time.

If you have any questions or comments, please do not hesitate to call John Schmeltzer of my staff or me at (802) 241-3888.

Sincerely,



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

cc: Ryegate Selectboard
Ryegate Health Officer
DEC Regional Office
Robert Ross, Ground Water of Vermont

JS:wp51/sites/962019dav.smc