



State of Vermont

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November 23, 1999

ALICE COUTURE
135 ROUTE 58 EAST
IRASBURG VERMONT 05845

RE: Site Management Activity Completed, former Brooks Estate, Glover, Vermont (Site #96-1981)

Dear Ms. Couture:

The Vermont Department of Environmental Conservation, Sites Management Section (SMS) has reviewed the Marin Environmental "*Supplemental Site Activities Summary Report*" dated September 30, 1999, in which a petition was made for giving the site a SMAC (Site Management Activity Completed) designation. Subsurface investigative work was conducted at this site following the discovery of a petroleum release during the removal of one (1) No. 2 heating oil underground storage tank (UST) on April 5, 1996. An attempt was made to remove all the petroleum contaminated soil, although some residual soil contamination was left in place. A total of five (5) cubic yards of petroleum contaminated soil were removed. The soil was transported to a gravel pit in Derby, Vermont, owned by Fred's Plumbing and Heating. The soil was treated there by polyencapsulation, and was recently thin spread.

To determine if there were any impacts to groundwater, three soil borings were advanced and completed as groundwater monitoring wells. One of the three borings proximal to the former UST did contain some residual soil contamination, but only at depths greater than six (6) feet below ground surface. None of the groundwater samples collected from the monitoring wells contained petroleum contaminants above the Vermont Groundwater Enforcement Standards (VGES). The onsite dug well was also sampled, with no petroleum contaminants detected. In the onsite basement, no odors or seeps were noted and photoionization detector readings were all below one (1) part per million. The results of the Marin Environmental sensitive receptor survey indicated that the fuel oil release neither threatened human health nor the environment.

Based on the current conditions at this site, the SMS has determined that this site is eligible for a SMAC designation. This means that the SMS has concluded the following:

- the No. 2 heating oil UST has been removed from the ground, and is no longer a continuing source of petroleum contamination at this site;
- 5 cubic yards of petroleum contaminated soil were excavated and successfully treated;

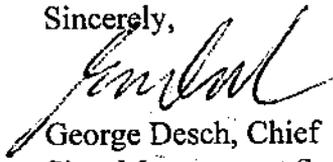
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- residual soil and groundwater contamination is limited to the immediate vicinity of the former UST area and will be naturally attenuated over time; and
- any residual contamination does not pose an unacceptable risk to human health or the environment.

Based on the above, it appears that petroleum contamination was confined to the former UST location and does not pose an unreasonable risk to human health and safety or the environment. Therefore, the SMS is assigning this site a Site Management Activity Completed (SMAC) designation. This SMAC designation does not release Alice Couture of any past or future liability associated with the petroleum contamination remaining in the ground from the removed UST. It does, however, mean that the SMS is not requesting any additional work at this time.

Suitably, the groundwater monitoring wells were closed by filling them with a grout material to prevent fluid migration. Yet, surprisingly, the road boxes were not removed and were instead filled with concrete. The road boxes should be removed since they no longer serve a legitimate function, and may be considered a solid waste. If you have any questions or comments, please feel free to contact either me or Matt Moran at 802-241-3888.

Sincerely,



George Desch, Chief
Sites Management Section

cc: Glover Selectboard
Glover Health Officer
Charles Hickey, Esq.
Linda Wilson, VHFA
Marjore Brooks
DEC Regional Office
Kim Lockard, Marin Environmental
Scott Oeschger, Fred's Plumbing and Heating
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