



State of Vermont

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September 23, 1999

WILLIAM WEISS
121 PARK STREET
SPRINGFIELD, VERMONT 05156

RE: Site Management Activity Completed, Weiss Residence, SMS Site #98-2554
Chester, Vermont

Dear Dr. Weiss:

The Sites Management Section (SMS) has reviewed the September 21, 1999 report titled, "*Initial Investigation of Suspected Subsurface Petroleum Contamination, Weiss Residence, Chandler Road, Chester, Vermont*" prepared by Griffin International for work conducted at the above referenced site. The SMS has also reviewed information contained in the site file. With this information, the SMS can now make the following conclusions:

- On November 5, 1998 one 2,000 gallon fuel oil underground storage tank (UST) was removed.
- During the UST removal, soils surrounding the USTs were found to be contaminated with petroleum compounds at concentrations above SMS guideline levels, as measured with a photionization device (PID). A sheen was noted on groundwater flowing into the tank pit.
- Two groundwater monitor wells and one soil boring were installed on site to monitor contamination to the groundwater. Although 3 monitor wells are needed to establish a water table direction, the property is on a steep slope and a 13% gradient exists between the 2 groundwater monitor wells.
- Water samples were collected from the two groundwater monitor wells, the on site water supply well, and a soil sample was collected from the soil boring. Laboratory analysis of all samples by EPA 8021B and 8015DRO did not show any detectable concentrations of petroleum contamination.
- The property is served by a 180' bedrock water supply well, approximately 100' in an apparent cross gradient direction from the former tank location. The well was tested and

over

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no petroleum product contamination was found. The lower level of the Weiss residence was screened for volatile organic compounds (VOC) via photoionization detector and no detectable VOCs were present.

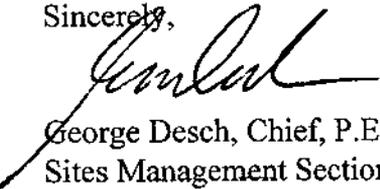
- The property is surrounded by undeveloped land on all sides. The nearest surface water is the Chandler Meadow Brook approximately 200 feet east and down gradient. This was inspected and no seeps, stains, or sheens were noted.
- No unacceptable risk to human health and the environment is present due to any 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 Dr. Weiss, of any past or future liability associated with the petroleum contamination onsite. It does, however, mean that the SMS is not requesting any additional work in response to the 1998 UST removal.

If the monitoring wells are no longer used or maintained, then they must be properly closed to eliminate a possible conduit for contaminant migration into the subsurface. This closure typically involves filling the wells with a grout material to prevent fluid migration in the borehole. Specific requirements for well closure are outlined in Section 12.3.5 in Appendix A of the Vermont Water Supply Rule-Chapter 21.

Please feel free to call with any questions.

Sincerely,



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

CC: Chester Selectboard
Chester Health Officer
DEC Regional Office
Chris Ward, Griffin International