

State of Vermont
Department of Environmental Conservation
Waste Management Division
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November 13, 2009

SANDRA LIPMAN
11 PARKSIDE AVE
MONTPELIER, VERMONT 05602

RE: Sites Management Activity Complete, Lipman Residence, SMS #2008-3858
Montpelier, Vermont

Dear Mrs. Lipman:

The Sites Management Section (SMS) has reviewed the September 18, 2009 report titled, “*Site Investigation at the Lipman Residence, Vermont #2008-3858*” prepared by Stone Environmental, Inc. for a site investigation conducted at your property on August 13, 2009. The SMS also reviewed information contained in the site file and, with respect to removal of the fuel oil underground storage tank, makes the Sites Management Activity Complete (SMAC) determination described further below:

- On June 16, 2008 one 3,000 gallon fuel oil underground storage tank (UST) was removed from your property at 11 Parkside Avenue in Montpelier.
- During the removal, soils were tested and contained fuel oil contamination at concentrations up to 249 parts per million (ppm) as measured by a photoionization detector (PID). Groundwater was noted flowing into the former tank pit at approximately 9’ depth. All soil was reported to have been backfilled. Additional investigation of the UST removal was required by the SMS.
- On August 13, 2009 four soil borings were advanced; one of these was completed as a groundwater monitor well in the former tank pit in order to evaluate potential contamination to groundwater. Monitor wells were not installed at the other three soil borings because bedrock was found at approximately 5’ depth and no groundwater was encountered.
- Soil was screened using a PID to test soil samples collected during the drilling. The maximum PID reading was 2,330 ppm in the tank pit monitor well, MW-1, at 4’ depth. However no fuel odors or staining was noted in the soil. Soil samples from the other three drilling locations all had PID readings of 10 ppm or less. Again no odors or staining was reported.
- One soil sample and one groundwater sample was collected from the tank pit monitor well for confirmatory laboratory analysis of volatile organic compounds and total petroleum hydrocarbons. No contamination was detected in these samples.

Over



- No near by surface waters or wetlands were identified. Your house and neighboring houses have municipal water, which is not at risk of contamination from this site. Indoor air in your basement and garage was tested with a PID and no air contamination was found. No other sensitive environmental receptors were identified. No unacceptable risk to human health and the environment is present due to any residual contamination remaining in the ground from the removed UST.
- The groundwater monitoring well was properly closed to eliminate a possible conduit for contaminant migration into the subsurface. This closure involved removal of the protective well cover, removal of the well casing, filling the well with a grout material to prevent fluid migration in the borehole, and finishing to the surrounding grade.

Based on the above, the SMS is assigning this site a Site Management Activity Completed designation. This SMAC designation does not release you, Mrs. Lipman, 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 June 2009 UST removal.

Please feel free to call with any questions.

Sincerely,



Chuck Schwer
Program Manager, Sites Management Section

CC: Dan Voisin, Stone Environmental (via electronic mail)
Michael Lajeunesse, Lajeunesse Construction (via electronic mail)
Steve Barclay, Lajeunesse Construction (via electronic mail)
DEC Regional Office (via electronic mail)
Montpelier Selectboard
Montpelier Health Officer