



State of Vermont

AGENCY OF NATURAL RESOURCES
Department of Environmental Conservation
Waste Management Division
103 South Main Street/West Building
Waterbury, VT 05671-0404
(802) 241-3888
FAX (802) 241-3296

October 31, 2007

Mr. Joe Handy
75 S. Winooski Ave
Burlington, VT 05401

RE: Site Management Activity Completed Designation

Site: Simon's Chimney Corners, 6387 Roosevelt Highway, Colchester, VT (SMS Site #98-2420)

Dear Mr. Handy:

The Sites Management Section (SMS) has received a Site Management Activity Completed (SMAC) request letter for the above referenced property, which was prepared by the Verterre Group and dated September 26, 2007. Contamination was documented at this property during the removal of two gasoline underground storage tanks (USTs). Following review of the letter and the information contained in the site file, the SMS has made the following conclusions.

- On May 12, 1998, two 4,000-gallon gasoline USTs were removed from the site. The tank was found to be in excellent condition when closed. During the tank removal, soils screened for volatile substances using a photoionization detector (PID) had readings as high as 152 parts per million (ppm). Readings appeared to decline with depth. No bedrock or groundwater was encountered in the excavation. The vertical and horizontal limits of contamination were not defined.
- On December 15, 2005, Verterre conducted additional site investigation activities at the site. Five soil borings (B-1 through B-5) were advanced at the property to depths ranging from 3.5 to 12.3 feet below grade. Soils screened from the borings for volatile organic compounds (VOCs) using a photoionization detector (PID) had readings as high as 328 parts per million (ppm). This reading was recorded in B-4 from 4 to 7 feet below grade. At the deepest extent of the boring (11 feet), PID readings had decreased to 24 ppm. This boring was directly adjacent to the fuel dispenser, which indicated that contamination may have originated from overfills rather than from the former USTs. Confirmatory samples were collected from B-4 and B-5 and submitted to a lab for analysis of volatile organic compounds using EPA Method 8260. The results showed no detection of VOCs in SB-5. B-4 had detections of several gasoline related compounds such as toluene, benzene and naphthalene, though none of the concentrations exceeded the Vermont Soil Guidance Standards (EPA Region IX Preliminary Remediation Goals). The total concentration for the contaminants of concern (COCs) was 6.2 ppm.
- Potential sensitive receptors in the vicinity of the contamination include indoor air, soils, groundwater, drinking water and surface water. The bulk of the gasoline contamination at the site appears to be focused around the pump island at a depth of 4 to 7 feet. Groundwater was not detected in this area to a depth of 11 feet. The onsite well was analyzed twice for VOCs using EPA Method 524.2. No petroleum compounds were recorded above the minimum laboratory standards. Other than the onsite well, there are no drinking water supplies within a quarter mile of the property. A screening of the

OVER→



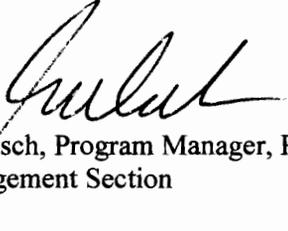
indoor air of the basement found no detection of petroleum vapors.

- A Notice to the Land Record was issued for this site to document residual contamination, and is located in the Colchester, VT Records in Volume 597, Page 470 (see attached).
- No unacceptable risk to human health or the environment is believed to be present due to any residual contamination remaining at the site from the former 4,000-gallon gasoline USTs.

Based on the above, the SMS is assigning the Simon's Chimney Corners Store a SMAC designation. The SMAC designation will not release the owner(s) of the property from any past or future liability associated with the petroleum contamination at the site. It does, however, mean that the SMS is not requesting any additional work in response to the contamination discovered during the removal of the gasoline USTs in May of 1998.

Please feel free to call myself or Ashley Desmond of the SMS at (802) 241-3888 if you have any questions.

Sincerely,



George Desch, Program Manager, P.E.
Site Management Section

- c: Martha Roy, Verterre (submitted via e-mail)
DEC Regional Office - Essex Junction (submitted via e-mail)
Colchester Selectboard
Colchester Health Officer