

State of Vermont
Department of Environmental Conservation
Waste Management and Prevention Division
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March 1, 2013

ANTHONY BOUGOR
540 WEYBRIDGE RD.
MIDDLEBURY, VT 05753

RE: Sites Management Activities Completed, former Bougor Residence, 50 Sheep Farm Rd., Middlebury
SMS Site #2000-2786

Dear Mr. Bougor:

The Sites Management Section (SMS) has recently conducted a review of the above referenced site file. Information contained within our file includes the following:

- During the May 2000 removal of one 1,000 gallon gasoline underground storage tank (UST) contaminated soil was observed. Volatile organic compounds (VOC) were measured by a photoionization detector (PID). VOC concentrations of the soils at the UST ranged up to 225 parts per million (ppm). The soil was observed to be fine sand, silt, and clay. Groundwater was encountered at a depth of 5'. Contaminated soils were backfilled. No sheens or free product were observed. Additional investigation was required by the SMS.
- On October 19, 2000 four groundwater monitor wells were installed in order to evaluate potential contamination related to the UST. Sand, silt, and clay were observed from grade to 12' below the ground surface. Petroleum odors and a maximum PID reading of 200 ppm were noted in soil samples from MW-3, the source area monitor well. No above background PID readings or odors were noted at MW-1, -2, and -4.
- On October 23, 2000 water samples from MW-1 to -4 were tested for VOCs using EPA method 8021B. No contamination was in MW-4. One or more of the following compounds: benzene, toluene, ethylbenzene, trimethylbenzene, and naphthalene were noted above the Vermont Groundwater Enforcement Standards (VGES) in MW-1, -2, and -3. MW-3 in the former tank pit had the highest contaminant concentration with total VOCs of 6,231 µg/L. Long term groundwater monitoring was determined to be adequate to track contaminant degradation and manage risk to human health and the environment.
- Between October 2000 and December 2012 the monitor wells were sampled four more times and showed declining groundwater contamination levels. By December 2012 groundwater contamination was not detectable or below the VGES in all sampled wells.



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- Soils and groundwater near the former tank locations were identified as sensitive receptors. The only site building with a basement is up gradient and not a risk for vapor infiltration. The property has municipal water service. No other at-risk sensitive receptors were identified.
- All four monitoring wells were properly abandoned on January 5, 2013.

Based on the above, it appears that this site does not pose an unacceptable risk to human health or the environment. Therefore, the SMS is assigning the site a Sites Management Activities Completed (SMAC) designation. The SMAC designation does not release you Mr. Bougor from any past or future liability associated with residual gasoline contamination at this site. It does, however, mean the SMS is not requesting any additional work in response to the May 2000 gasoline UST removal at this time.

Should you have any questions, please do not hesitate to call me; I may be reached at (802) 828-1138.

Sincerely,



Chuck Schwer
Chief, Sites Management Section

CC: George McPhail, Middlebury College Office of Facilities Services, 84 South Service Road
Middlebury, VT 05753

by E-mail:

Joseph Martell and Jeremy Roberts, KAS, Inc.
DEC Regional Office
Middlebury Select Board
Middlebury Health Officer