

State of Vermont

AGENCY OF NATURAL RESOURCES
Department of Environmental Conservation
Waste Management Division
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October 19, 2006

Jim Holzworth
305 Route 78
Alburg, VT 05440

RE: Groundwater Contamination
Site: Holzworth Residence, Alburg, VT (SMS Site #2006-3591)

FIRST LETTER

Dear Mr. Holzworth,

The Sites Management Section (SMS) has received the Underground Storage Tank Investigation Report which outlines the subsurface conditions encountered at the above referenced site. Fieldwork was conducted by Environmental Products & Services of Vermont (EPS VT) on September 14, 2006. The following UST was removed from the site:

- UST #001, a 550-gallon #2 fuel oil UST

The tank was found to be in poor condition when removed, with at least one hole. Soils screened for petroleum vapors using a photoionization detector (PID) had readings as high as 68 parts per million (ppm). Approximately 4-5 cubic yards of petroleum contaminated soil was removed from beneath the tank. No free product, groundwater or bedrock was encountered in the excavation. Following excavation, two confirmatory soil samples were taken from the bottom of the tank grave and analyzed for volatile organic compounds (VOCs) and total petroleum hydrocarbons (TPH). Both samples showed no detection of petroleum compounds exceeding the minimum laboratory detection levels. It appears that the full extent of petroleum contamination was defined.

Based on the report information, the SMS has determined that additional monitoring is needed at this property. The SMS requests that you have an environmental consultant perform the following:

- **If appropriate, determine if the airspace beneath the site and adjacent building(s) (e.g. basements) has been impacted by the release using a PID.** Wall and floor construction and susceptibility to vapor migration should be noted. PID measurements should be made in cracks and/or joints likely impacted. If the airspace has been impacted, SMS requests confirmatory sampling and laboratory analyses be performed using EPA Method TO-2.
- **Assess the potential for contaminant impact on sensitive receptors.** Base this update on all available information and include basements of adjacent buildings, nearby surface water, any proximal drinking water sources, wetlands, sensitive ecologic areas, outdoor or indoor air, sewers, or utility corridors. Sample and analyze any onsite water supply wells and any other at-risk water supplies for VOCs using

OVER→



EPA Method 524.2.

- **Monitor the onsite soil stockpile.** Your consultant should periodically screen the soil pile for petroleum vapors using a PID. These soils may be spread onsite when all readings are below 1 ppm and there are no visual or olfactory signs of contamination remaining. SMS approval must be obtained before the soils are spread onsite or transported.
- **Submit a summary report that outlines the work performed, as well as provides conclusions and recommendations.** *As appropriate* include analytical data; a site map showing the location of any potential sensitive receptors, stockpiled soils and monitoring or sample locations; an area map; detailed well logs; and a groundwater contour map.

Please have your consultant submit a preliminary work plan and cost estimate within *fifteen days* of your receipt of this letter, so it may be approved prior to the initiation of onsite work. With the work plan, please submit a site location map at an approximate scale of 1:24,000 showing the location of the site. Please include a scale, a north arrow, the SMS number, and a citation of the source map. The purpose of this map is to enable the SMS to enter the site location into a Geographic Information Systems database.

Based on current information, the underground storage tank at your residence is eligible for participation in the Petroleum Cleanup Fund (PCF). You must provide written proof that you hold no other applicable insurance in order to receive reimbursement from the PCF. Documentation required must include a complete copy of the applicable property or liability policy that was in place on the date the contamination was discovered; and a pollution coverage statement from the insurance carrier. The statement must include name and address of the insurer, the name of the policyholder, policy number(s) and dates of coverage. Also necessary, the name and telephone number of the claims analyst or contact person, and if coverage is denied, then a statement referencing specific policy language invoked to deny coverage of the claim.

The owner or permittee must pay for the removal and/or repair of the failed tank(s), and for the initial \$250.00 of the cleanup. The fund will reimburse the tank owner or permittee for additional eligible cleanup costs of up to \$1 million. All expenditures must be pre-approved by the Agency or performed in accordance with the "Site Investigation Procedure" expressway program. Please refer to the enclosed guidance document titled, "Procedures for Reimbursement from the Petroleum Cleanup Fund" for additional information concerning the PCF.

I will be the SMS contact for this property. Feel free to call me with any questions you may have. I can be reached at (802) 241-3731.

Sincerely,



Ashley Desmond, Environmental Analyst
Sites Management Section

- c: John Kelliher, EPS VT w/o enclosure (submitted via e-mail)
DEC Regional Office – Essex Junction w/o enclosure (submitted via e-mail)
Alburg Select Board w/o enclosure
Alburg Health Officer w/o enclosure