



State of Vermont

AGENCY OF NATURAL RESOURCES
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Department of Environmental Conservation
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June 4, 2002

Mr. Francis Churchill
The University of Vermont
Department of Risk Management
Environmental Safety Facility
655D Spear Street
Burlington VT 05405-0570

RE: Site Management Activity Completed (SMAC) for UVM Centennial Field, Burlington
SMS Site #890418

Dear Mr. Churchill:

The Vermont Department of Environmental Conservation, Sites Management Section (SMS) has received confirmation of the Notice to the Land Record for the University of Vermont (UVM)-Centennial Field site. This Notice describes the type and location of residual contamination remaining at the site. With this institutional control established, the site is eligible for a Site Management Activity Completed (SMAC) designation. This determination is based on historical information which is summarized below:

- Between 1989-1990, several underground storage tanks (USTs) storing gasoline were closed and removed from the property. During the tank closure work, significant petroleum contamination was encountered. Additional work was requested by the SMS to determine the degree and extent of contamination. A number of monitoring wells were installed to assess the groundwater conditions. Results of this monitoring showed the presence of free product, continual increase in dissolved phase contamination, and evidence that the contaminant plume was migrating. Based on this information it was determined that corrective action was necessary to mitigate this contamination
- In 1992, a vapor extraction system (VES) was installed onsite and operated through spring 1998. It has been estimated that 2100 gallons of hydrocarbons have been remediated (physically and biologically) during this time frame. During system operation, water quality results showed an overall decline in dissolved phase contamination. However, exceedances of the groundwater enforcement standards for several petroleum compounds remained in several wells. Since the shutdown and dismantling of the VES, water quality monitoring continued through October 2000. Results of the monitoring show benzene, trimethylbenzenes and naphthalene remain above the groundwater enforcement standards. This residual contamination remains in a limited area between the former UST area and trailer. The areas surrounding the site are serviced by the municipal water system.

- Based on the residual contamination, UVM has filed a land record notice with the Burlington City Clerks Office. The Agency of Natural Resources is required to be notified if any subsurface work is scheduled to take place in the area of concern.
- The groundwater monitoring wells and vapor extraction system have been properly abandoned, as reported in Watershed Environmental Services, Inc. *VES and Monitoring Well Array Closure Report*.

Based on the above, it appears that the petroleum contamination is limited in area, as outlined in the Notice. Therefore, the SMS is assigning this site a Site Management Activity Completed (SMAC) designation. This SMAC designation does not release UVM of any past or future liability associated with the contamination remaining in the ground from the former USTs. It does, however, mean that the SMS is not requesting any additional work at this time. Any additional information which may come to light in the future may be cause for reconsideration of this decision.

If you have any questions, then please feel free to contact Linda Elliott or myself.

Sincerely,



George Desch, Chief
Sites Management Section

e: Burlington City Clerk
DEC Regional Office-Essex

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