



State of Vermont

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Department of Environmental Conservation
State Geologist
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AGENCY OF NATURAL RESOURCES
Department of Environmental Conservation
Waste Management Division
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January 7, 2000

Robert Howard, Utilities Superintendent
University of Vermont
622 Main Street
Burlington VT 05401

RE: Site Management Activity Completed (SMAC) at UVM-Purchasing Services Building, Burlington
SMS Site #982542

Dear Mr. Howard:

The Sites Management Section (SMS) has reviewed Watershed Environmental Services (WES) report dated, December 5, 1999, for the UVM-Purchasing Services facility. This report summarizes the findings of the September 1999 round of water quality monitoring, and WES recommendation for a Site Management Activity Completed designation. Based on historical information and the information provided in this report, the SMS makes the following conclusions:

- In August 1998, a 5000 gallon underground storage tank (UST) storing fuel oil was closed and removed from the property. During the closure activities, fuel oil contaminated soils were discovered in the surrounding soils. Four soil borings/monitoring wells were installed on the property. PID screening of the soils revealed no vapor readings above background levels. Groundwater samples were collected and analyzed for volatile organic compounds by EPA Method 602 and for Total Petroleum Hydrocarbons (TPH) by modified EPA Method 8100. No compounds were detected above the method detection limits except for TPH at 0.73 ppm in MW4.
- In September 1999, a confirmatory round of groundwater sampling was collected from three of the onsite monitoring wells. The samples were submitted to a laboratory for analysis by EPA Method 8021B and TPH by EPA Method 8015B. No detectable levels of contamination were measured in any of the samples.
- The property has been evaluated with respect to petroleum contamination from the 5,000 gallon fuel oil UST.
- This site does not pose an unacceptable threat to human health and the environment. There are no known private drinking water wells within 0.5 mile radius of the site.

Based on the above, the SMS is assigning this site a Site Management Activity Completed (SMAC) designation. This designation means that based on the information you have submitted, the SMS is not aware of any threat to human health or the environment presented at this site. In making this determination, the SMS is not certifying that the property is free of contamination that may have occurred or may still be present due to other activities on the site that have not been evaluated or identified. This designation means that based on the information you have submitted and the actions you have taken, the SMS has determined that you do not need to perform any additional remedial or investigative work on this site. Any additional information which may come to light in the future may be cause for reconsideration

of this decision.

If the groundwater monitoring wells are no longer used or maintained, then they must be properly closed to eliminate a possible conduit for contaminant migration into the subsurface. This closure typically involves filling the wells with a grout material to prevent fluid migration in the borehole. Specific requirements for well closure are outlined in Section 12.3.5 in Appendix A of the Vermont Water Supply Rule - Chapter 21. Also, any road box or stand-up well guards for a monitoring well must be removed before well closure is considered complete.

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

Sincerely,



George Desch, Chief
Sites Management Section

c: Michael Sparks, WES

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