



## State of Vermont

Department of Fish and Wildlife  
Department of Forests, Parks and Recreation  
Department of Environmental Conservation  
State Geologist  
RELAY SERVICE FOR THE HEARING IMPAIRED  
1-800-253-0191 TDD>Voice  
1-800-253-0195 Voice>TDD

### AGENCY OF NATURAL RESOURCES Department of Environmental Conservation

Waste Management Division  
103 South Main Street/West Office  
Waterbury, Vermont 05671-0404  
(802) 241-3888  
FAX (802) 241-3296

June 25, 1997

DAVID REYNOLDS  
MAYO HEALTH CARE  
1 RICHARDSON AVENUE  
NORTHFIELD VERMONT 05663

RE: Site Management Activity Completed, Mayo Health Care, Northfield (Site #96-1992)

Dear Mr. Reynolds:

The Vermont Department of Environmental Conservation, Sites Management Section (SMS) has reviewed the Griffin International, Inc. "Initial Site Investigation Report" dated October 1996, in which a petition is made for giving the site a SMAC (Site Management Activity Completed) designation. Site investigation activities were conducted following the discovery of contamination during closure of a 1000-gallon diesel underground storage tank (UST) in April 1996. Following the removal of the tank, all excavated contaminated soils were backfilled since the extent of contamination was unknown.

Due to all of the construction activities being undertaken around the former tank pit, it was not possible to investigate in the former UST area. These construction activities also precluded the use of a drill rig, and soil compaction from heavy construction equipment prevented the use of hand auguring equipment. Instead, four test pits were excavated with a backhoe on July 30, 1996. Test pit locations were selected to best characterize the contamination, given the construction activity constrictions. Each test pit was excavated to approximately twelve feet below ground surface, which was the limit of the backhoe given site constraints. No volatile organic compounds were detected with a photoionization detector. Groundwater was not encountered, and therefore confirmatory soil samples were collected from each test pit in lieu installing monitoring wells. Analytical results did not indicate any evidence of contamination. The flow of groundwater through residual soil contamination is minimized by the June 1996 installation of an interceptor trench upgradient of the former UST pit. All buildings in the area are served by the municipal water supply. The Griffin International, Inc. sensitive receptor survey indicated that the release neither threatens human health nor the environment.

Based on the current conditions at this site, the SMS has determined that this site is now eligible for a SMAC designation. This means that the SMS has determined the following:

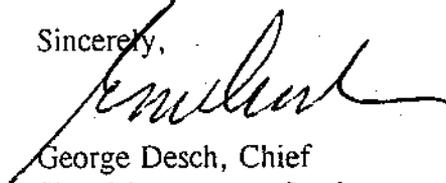
- the diesel UST has been removed from the ground, and is no longer a continuing source of petroleum contamination at this site;
- the concrete slab building constructed over the former tank pit prevents dermal contact with contaminated soils and also prevents precipitation infiltration events from mobilizing contaminants;

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- although it is not known if groundwater was impacted by contamination, any migration of contaminated groundwater is mitigated by both the concrete slab overlying the contaminant source area and the interceptor trench located upgradient from the former tank area; and
- any residual contamination does not pose an unacceptable risk to human health or the environment.

Based on these findings, the SMS has determined that site management activities have been completed. The completion of these activities does not release Mayo Health Care of any past or future liability which may arise from the petroleum contamination discovered to have originated from the UST at the Mayo Health Care site. It does mean that the SMS is not requiring any additional work be performed in response to the contamination discovered at this site. If you have any questions or comments, please feel free to contact either me or Matt Moran at (802)-241-3888.

Sincerely,



George Desch, Chief  
Sites Management Section

cc: Northfield Selectboard  
Northfield Health Officer  
DEC Regional Office  
Kristen Underwood, Griffin International, Inc.