



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 Building
Waterbury, Vermont 05671-0404
(802) 241-3888
FAX (802) 241-3296

April 29, 1999

BOB KEITH
KEITHS SALVAGE YARD
PLAINS ROAD
PO BOX 33
PITTSFORD VERMONT 05763

RE: Site Management Activity Completed, Keith's Salvage Yard, SMS Site #98-2437
Pittsford, Vermont

Dear Mr. Keith:

The Sites Management Section (SMS) has reviewed the January 1999 report titled, "*UST Site Investigation Report*" and the April 1999 follow up letter prepared by Watershed Environmental Services for work conducted at the above referenced site. The SMS has also reviewed information contained in the site file. With this information, the SMS can now make the following conclusions:

- On May 14, 1998, one 4,000 gallon gasoline UST and one 1,000 gallon diesel UST were removed from the Keith's Salvage Yard property in Pittsford.
- During the UST removals, heavily stained soils under a hole in the diesel UST were found to be contaminated with petroleum compounds at 250 ppm, as measured with a photoionization device (PID). Groundwater was not encountered during the tank removal. Additional site investigation work was required. Four monitoring wells were installed on November 6 and December 14 to monitor contamination to the groundwater.
- The groundwater samples collected from MW-2 and -4 did not show any evidence of petroleum product contamination. Minor contamination was noted in MW-3 (2.3 µg/L MTBE). Higher levels were noted in MW-1, 193 µg/L ethylbenzene, 1150 µg/L xylene, and 3.22 mg/L total petroleum hydrocarbons. This well is the closest to the former tank locations. No groundwater contamination above Vermont Groundwater Enforcement Standards (VGES) was noted in any water sample.
- In response to a SMS request, on April 1, 1999 a 5th monitor well was installed approximately 40' down-gradient of a floor drain identified in the large service bay.

over

April 29, 1999

This well is also down-gradient of a concrete pad used to store drums of used oil. A 6" layer of stained soil was encountered 3' below the ground surface with a PID reading of 5.8 ppm. Below this stained layer PID readings were at background levels throughout the depth of the boring (24.5'). A groundwater sample at this location revealed 1,2,4- and 1,3,5-trimethylbenzene at 1.0 and 1.5 $\mu\text{g/L}$, respectively, which is below the VGES. Drywells are regulated and require an Underground Injection Control permit. Keith's Salvage has agreed to permanently seal this drywell in order to prevent any contamination from entering the subsurface soil through it.

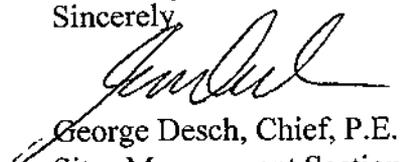
- The area is served by a municipal water supply which is not at risk from contamination from this site. No unacceptable risk to human health and the environment is present due to any residual contamination remaining in the ground from the removed USTs.

Based on the above, the SMS is assigning this site a Site Management Activity Completed (SMAC) designation. This SMAC designation does not release Keith's Salvage of any past or future liability associated with the petroleum contamination onsite. It does, however, mean that the SMS is not requesting any additional work in response to the 1998 UST removal.

If the 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. At this time the floor drain must also be sealed in the same manner.

Please feel free to call with any questions.

Sincerely,



George Desch, Chief, P.E.
Sites Management Section

CC: Pittsford Selectboard
Pittsford Health Officer
DEC Regional Office
Mike Sparks, Watershed Environmental Services