



## State of Vermont

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January 17, 2000

NED HUNTLEY, P.E.  
WSI MORETOWN LANDFILL, INC  
RR #3 BOX 1788  
WATERBURY, VERMONT 05676

RE: Site Management Activity Completed - diesel UST, WSI Moretown Landfill, SMS Site #99-2685  
Moretown, Vermont

Dear Mr. Huntley:

The Sites Management Section (SMS) has reviewed the January 12, 2000 report titled, "*Expressway Investigation Report, WSI Moretown Landfill, Inc.*" prepared by Ross Environmental Associates (REA) 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 September 28, 1999 one 12,000 gallon diesel fuel oil underground storage tank (UST) was closed in place at the WSI Moretown Landfill property on Route 2 in Moretown. During the UST closure, soils surrounding the 12,000 gallon UST were found to be contaminated with petroleum compounds at concentrations above SMS guideline levels, as measured with a photoionization detector (PID). The maximum PID reading at the UST was 47.6 ppm. Higher contaminant levels were noted under the dispenser island and the maximum PID reading at this location was 598. Approximately 20 yd<sup>3</sup> of diesel contaminated soils from the pump island area were stockpiled on site under plastic sheeting. Groundwater was not encountered during the closure work. Additional investigation of the UST closure and pump island removal was required by the SMS.
- As part the WSI solid waste landfill operating permit, semi-annual groundwater monitoring is required. Records from the last 3 sample rounds of the 5 closest groundwater monitor wells were reviewed. No petroleum compounds were detected, which would indicate groundwater impact from releases associated with the diesel UST or its fuel dispenser. Groundwater levels in these 5 wells is 29 to 65 feet below ground surface.

over

January 17, 2000

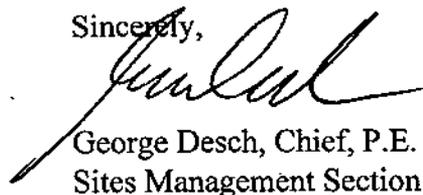
- The nearest at risk surface water is the Winooski River, approximately 600 feet down gradient. No other sensitive environmental receptors were identified.
- The nearest building is served by a water supply well approximately 1,000 feet up gradient. This building does not have a basement, so the risk of petroleum vapor infiltration is slight. No unacceptable risk to human health and the environment is present due to any residual contamination remaining in the ground from the closed UST.
- 6 samples were screened from the soil stock pile. The average PID reading was 28.2 ppm. REI has proposed that these soils be disposed of as daily cover on site.

Based on the above, the SMS is assigning this site a Site Management Activity Completed (SMAC) designation. This SMAC designation does not release WSI Moretown Landfill, Inc., 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 1999 UST closure. Disposal of the soil stock pile as daily cover is approved.

This SMAC designation by the SMS pertains only to the 1999 UST closure. This SMAC designation does not affect groundwater monitoring or any other permit requirements of the Solid Waste Management Program.

Please feel free to call with any questions.

Sincerely,



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

CC: Moretown Selectboard  
Moretown Health Officer  
DEC Regional Office  
Robert Ross, Ross Environmental Associates  
David DiDomenico, Solid Waste Management Program