



## State of Vermont

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January 30, 2006

GARY NOLAN  
H.A. MANOSH CORPORATION  
RFD #1, BOX 690  
MORRISVILLE, VERMONT 05661

RE: Sites Management Activity Complete, H.A. Manosh, SMS Site #98-2431  
Morrisville, Vermont

Dear Mr. Nolan:

The Sites Management Section (SMS) has reviewed the January 27, 2006 report titled, "*Report for Soil Investigation of Closed Underground Petroleum Storage Tank at H.A. Manosh Corporation, Morrisville, Vermont*" prepared by The Johnson Company (JCo) 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 April 29, 1998 one 2,000 gallon waste oil and one 14,000 gallon fuel oil/diesel fuel underground storage tank (UST) were removed from the H.A. Manosh property at 120 Northgate Plaza in Morrisville.
- During the UST removals, pinholes, stained soils next to the waste oil UST, and odors were observed. Soil samples were screened with a photoionization detector (PID) and a maximum reading of 2.8 parts per million (ppm) was noted. At the fuel oil/diesel UST the maximum PID reading was 3.3 ppm. Soils were also screened at the pump island. Soil staining and a maximum PID reading of 50 ppm were noted. Additional investigation of the UST and pump island removals was required by the SMS.
- Originally approval was given to perform the additional investigation during installation of replacement USTs. UST replacement did not occur. On December 20, 2005 and January 4, 2006 soil borings were advanced into the former waste oil UST location and former pump island location. Soil was observed to be coarse to medium sand with small amounts of gravel. Soils were screened by PID and the maximum PID reading of 38 ppm was observed at 6-8' and decreased to 1.8 ppm at 15-17' at the pump island boring. At the waste oil UST boring the maximum PID reading of 4.0 ppm was observed at 9-11' and decreased to 3.0 ppm at 17-19'. Groundwater was not encountered.
- Soil samples were taken for laboratory analysis of volatile organic compounds (VOCs) and total

over

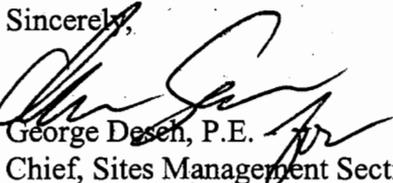
petroleum hydrocarbons (TPH) at the maximum PID reading location and the bottom of the soil boring. No VOCs were detected. No TPH was detected in the deep soil samples. The two shallow samples contained 120 mg/kg and 260 mg/kg of TPH at the pump island and waste oil tank borings respectively. TPH does not have an enforcement standard for soil or groundwater in Vermont although is used as a general indicator of petroleum contamination. The SMS uses 200 and 1000 mg/kg as guidelines for TPH contaminated soil (residential and commercial respectively).

- Residual contamination in the soil associated with the UST removal was shown to be confined to the subject property and no impact to groundwater was observed.
- The nearest surface water is approximately 2000 feet away. The nearest residence is approximately 500 feet away. The site building does not have a basement and is not likely to be at risk of soil vapor infiltration. No other sensitive environmental receptors were identified.
- The subject building and area are served by a municipal water supply, which is not at risk of 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 the H.A. Manosh Corporation 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 April 1998 UST removals.

Please feel free to call with any questions.

Sincerely,

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

CC: Morrisville Selectboard  
Morrisville Health Officer  
DEC Regional Office (via electronic mail) ✓  
Tom Osborne, The Johnson Company (via electronic mail) ✓