



# State of Vermont

Department of Fish and Wildlife  
Department of Forests, Parks and Recreation  
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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March 8, 2001

Mr. Steven Barrett  
Brattleboro Public Works Department  
211 Fairground Road  
Brattleboro, Vermont 05301

RE: Site Management Activity Completed at the Brattleboro Public Works Department ( SMS Site # 95-1915),  
Brattleboro, Vermont

Dear Mr. Richardson:

The Sites Management Section (SMS) has completed a file review, for the above referenced site, referencing the contamination discovered during the routine removal of a 275 gallon waste oil underground storage tank (UST) at the Brattleboro Department of Public Works, 26 Fairground Road, Brattleboro, Vermont. With this information the SMS can now make the following conclusions:

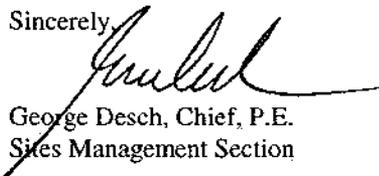
- On September 28, 1995, petroleum contaminated (stained) soils and petroleum odors were encountered during the routine removal of a 275 gallon waste oil UST.
- During site activities, approximately 9 cubic yards of contaminated soil with photoionization detector (PID) concentrations ranging from 0.2 to 7.2 parts per million (ppm) were removed from the excavation and polyencapsulated on-site.
- No groundwater or free product were encountered at a depth of approximately 6.0 feet below ground surface (bfgs) in the excavation.
- Two (2) confirmatory soil samples were taken for laboratory analysis from either end of the extent of the excavation. One (1) confirmatory sample was taken from the soil pile. The samples were analyzed for volatile organic compounds (VOC's) using EPA Methods 8260 and Total Petroleum Hydrocarbons using EPA Method 418.1.
- The two excavation samples were non-detectable for all parameters while the soil pile composite sample registered a TPH of 18,000 ppm, 22 parts per billion (ppb) tetrachloroethene and 38 ppb 1,3, 5-trimethylbenzene.
- On August 5, 1996, 8 soil borings were advanced to depths 1.0 to 2.0 feet in the soil stockpile. Soil samples were screened for VOCs using an organic vapor meter (OVM). All samples were non-detectable for VOCs.
- The soil pile exhibited visual and olfactory evidence of petroleum contamination when it was screened on August 5, 1996. The Department of Public Works incorporated manure into the soil pile to enhance contaminant degradation.
- On August 26, 1998, the soil pile was screened with a PID. VOCs concentrations were non-detectable. One composite sample was laboratory analyzed for VOCs using EPA Method 8260. The sample was non-detectable for VOCs.

- The SMS gave verbal permission on October 2, 1998 to spread the soils on site.
- In a letter dated March 5, 2001, Mr. Richard Ethier, Highway/Utility Superintendent, confirmed that the soil stockpile had been dismantled and spread on-site after receiving permission from the SMS.
- No unacceptable risk to human health and the environment is present due to the residual contamination remaining in the ground from the contaminated soils encountered during the removal a 275 gallon waste oil UST from the Brattleboro Department of Public Works in September of 1995.

Based on the above, the SMS is assigning this site a Site Management Activity Completed (SMAC) designation. This SMAC designation will not release you from any past or future liability associated with the petroleum contamination at the site. It does, however, mean the SMS is not requesting any additional work in response to the UST removal from the Brattleboro Department of Public Works in September of 1995.

Please call me with any questions you may have. I can be reached at (802) 241-3491.

Sincerely,

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

cc: Brattleboro Select Board w/o enclosure  
Brattleboro Health Officer w/o enclosure  
DEC Regional Office w/o enclosure  
David Balk, Environmental Compliance Services, Inc.