



## State of Vermont

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February 27, 2004

Mr. Mike Morissette  
Hazardous Materials & Waste Coordinator  
Vermont Agency of Transportation  
133 State Street  
Montpelier, Vermont 05633

RE: Site Management Activities Completed at the Windsor Correctional Facility,  
546 State Farm Road, Windsor, Vermont  
(SMS Site # 91-1142)

Dear Mr. Morissette

The Sites Management Section (SMS) has completed a file review, for the above referenced site, referencing the contamination discovered during the removal of one (1) 1,000 gallon diesel and two (2) 1,000 gallon gasoline underground storage tanks (USTs) at the Windsor Correctional Facility, Windsor, Vermont. With this information the SMS can make the following determination:

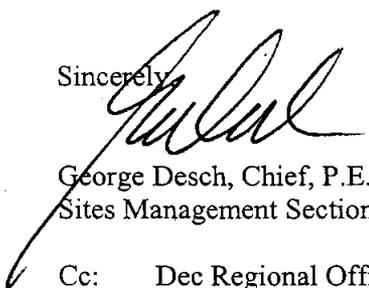
- On September 23, 1991, petroleum contaminated soils (PCS) were discovered during the removal of one (1) 1,000 gallon diesel (UST #1) and two (2) 1,000 gallon gasoline USTs (UST #2 and UST #3), at the Windsor Correctional Facility, 546 State Farm Road, Windsor, Vermont.
- UST #1 and UST #3 were reported to be in good condition. UST #2 was in poor condition with numerous pinholes. One 6,800 gallon No. 2 fuel oil UST (UST #4) was removed from a separate excavation without evidence of any petroleum contamination. UST #4 was replaced with a 5,000 gallon UST.
- Screened soils from the excavation of UST #1, #2, and #3 had volatile organic compound (VOC) concentrations that ranged from 10 to 300 parts per million, as measured by photoionization detector (PID).
- Soils in the excavation were primarily silt underlain by hardpan at approximately 10.0 feet below grade. Approximately 20 to 30 cubic yards of PCS were excavated and polyencapsulated on-site.
- The limits of contamination were defined by excavation.
- In an October 29, 1991 letter, the SMS requested information regarding the water supply wells on-site, the location and status of any remaining USTs, and requested a written plan to treat and/or monitor the stockpiled soil.
- In a letter dated November 27, 1991, the SMS was notified that UST #4 had been removed and replaced. The letter provided a map of the water supply wells and stated that the stockpiled soils would remain polyencapsulated on-site. The soil stockpile would be monitored periodically.

- In a December 17, 1991 letter, the SMS requested a more detailed soil management plan and requested information regarding the status of one private well (Grosjean's well) that was in the vicinity of the former USTs. Also, the letter gave permission to spread the soil stockpile on-site, when the soils were non-detect for VOCs with a PID.
- A January 2, 1992 letter from Roger Tetreault, Buildings Engineer, provided the results of a health department test of the Grosjean's well. The health department had issued a condensed water source approval, based on a December 26, 1990 draw down test results.
- In a July 15, 1992 letter, the SMS was asked to approve the spreading of the soil stockpile on-site. A July 14 screening of the stockpile indicated that most of the soils were non-detect, however, one area had VOC concentrations that ranged from 2 to 8 ppm.
- In a July 24, 1992 letter, the SMS requested that the soils remain polyencapsulated on-site until all areas of the stockpile were non-detect.
- During a July 24, 1992 phone conversation with Mike Morissette, the SMS requested that a water sample be collected from the Grosjean water supply and analyzed via EPA Method 8240.
- In a July 27, 1992 phone conversation, Mr. Grosjean provided information about his water supply and gave permission to have it tested.
- The Technical Services Section (TSS) was unable to collect a tap sample from Mr. Grosjean's water supply in January of 1993.
- In a letter dated July 19, 1993, the SMS was notified that the soil stockpile was non-detect for VOCs during a July 15 PID screening.
- In a letter dated February 19, 2004, Mike Morissette informed the SMS that the soils had been spread on-site.
- No sensitive receptors appear to be threatened or impacted.
- No unacceptable risk to human health and the environment is present due the residual contamination remaining in the ground from the contaminated soils encountered during the removal of one (1) 1,000gallon diesel UST and two (2) 1,000 gallon gasoline USTs at the Windsor Correctional Facility in September of 1991.

Based on the above, the SMS is assigning this site a Site Management Activity Completed (SMAC) designation. This SMAC designation will not release the Vermont Agency of Transportation 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 subsurface work in response to the USTs removed from the Windsor Correctional Facility in September of 1991.

Please feel free to call with any questions. I can be reached at (802) 241-3491.

Sincerely,

A handwritten signature in black ink, appearing to read "G. Desch", written over the word "Sincerely," and extending down over the name and title.

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

Cc: Dec Regional Office

