



State of Vermont

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March 10, 1997

MR TIMOTHY VALLEE
282 SOUTH MAIN STREET
ST ALBANS VT 05478

RE: Sites Management Activity Completed at the Bristol Village Mobil, Bristol (Site #95-1886)

Dear Mr. Vallee:

The Sites Management Section (SMS) has reviewed a letter report by Twin State Environmental Corporation (TSEC) dated February 24, 1997 for the above referenced site. This letter report summarizes results from the addition of two soil borings next to the location of the former underground storage tanks (USTs) on January 30, 1997.

With the information presented in this and previous reports, the SMS has the following understanding about the petroleum contamination at the Bristol Village Mobil:

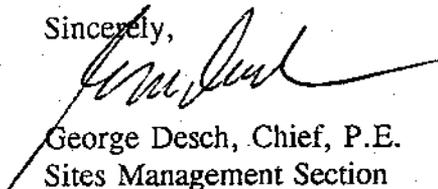
- The contaminant source, which consisted of four gasoline underground storage tanks (USTs), was removed from the site on September 18, 1996. The highest levels of contamination were found next to the tank fill ports. Readings from a photoionization detector (PID) ranged from 0 to 260 parts per million vapor (ppmv). About 240 cubic yards of contaminated soil was removed from the site and stockpiled at the Bristol Landfill. On March 7, 1997, the SMS approved the request by TSEC to use the 240 cubic yards of soil as a road base for the Town of Bristol Landfill because the analytical results for six discrete soil samples from the stockpile were non-detect for gasoline constituents and total petroleum hydrocarbons.
- On March 19, 1996, five geoprobe[®] borings were advanced to depths ranging from 14 feet to 16 feet. None of the borings reached the water table. Soil samples from the five borings were initially screened using a photoionization detector (PID). Only one soil sample from soil boring GP-5 contained volatile organic compound levels detectable by a PID, with a low reading of 2.4 ppmv.
- Soil and gas samples were collected from each of the five borings. Soil and gas samples were analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) using mobile laboratory equipment. Soil samples were also analyzed for methyl tertiary butyl ether (MTBE). No contaminants above the equipment detection limit were found from the soil and gas samples.

- On January 30, 1997, two borings (SB-1 and SB-2) were advanced to depths of 15.5 feet and 24 feet, respectively. Both were placed as close as possible, within 10 feet, of the location of the former USTs. Groundwater was not found in either boring. No sample had PID readings above 1 ppmv. In addition, a soil sample from SB-2 was collected at a depth of about 23 feet and analyzed for BTEX and MTBE using EPA method 8260. No contaminant concentrations were above the laboratory detection limits.
- No unacceptable risk to human health and the environment is present due to any residual contamination remaining in the ground from the removal of the USTs. There are 14 private drinking water wells within a quarter mile of the site. However, these potential receptors are unlikely impacted by onsite contamination because the contamination was confined to the UST area and did not reach groundwater, which is at a depth greater than 24 feet.

Based on the above, the SMS is assigning this site a Site Management Activity Completed (SMAC) designation. This SMAC designation does not release you of any past or future liability associated with the petroleum contamination remaining in the ground from the removed USTs. It does, however, mean that the SMS is not requesting any additional work at this time.

If you have any questions or comments, please contact me at (802) 241-3886.

Sincerely,



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

CC: Mr. Jon Berntsen, Twin State Environmental Corp.
Bristol Selectboard
DEC Regional Office

JSS:wp51/sites/951886/brismob5.ltr