



State of Vermont

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Department of Environmental Conservation
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January 30, 2001

Bradford Oil Co.
Mr. Gene Pushee
P.O. Box 394
Bardford, Vermont 05033

RE: Site Management Activity Completed, Al's Country Store , (SMS Site # 91-1171), Hartford, Vermont

Dear Mr. Pushee:

The Sites Management Section (SMS) has completed a file review, for the above referenced site, referencing the contamination discovered during the removal of 2 gasoline underground storage tank (USTs) and 1 diesel UST at Al's Country Store, Route #4, Hartford, Vermont. With this information the SMS can now make the following conclusions:

- On November 7, 1991, petroleum contaminated soils were encountered during the routine underground storage tank (UST) removal and replacement upgrade of a 2,000 gallon unleaded gasoline UST, a 1,000 gallon super unleaded gasoline UST and a 1,000 gallon diesel fuel UST.
- During site activities, approximately 126 cubic yards of contaminated soil with photoionization (PID) levels ranging from 25 parts per million (ppm) to 450 ppm were removed from the site and polyencapsulated at a site in Wells River, Vermont, that was approved by George Pratt of Bradford Oil Company.
- A monitoring well was installed in the excavation of the former UST(s).
- On November 8, 1991, a water sample was taken from the monitoring well and submitted for laboratory analysis. The analysis indicated groundwater impacts in excess of the Vermont Groundwater Enforcement Standards.
- Three hand augered soil boring/ monitoring wells were installed on February 13, 1992. No positive PID readings were obtained from any of the soil samples.
- The three monitoring wells were sampled on March 11, 1992. None of the three wells provided positive PID assays
- PID levels recorded for MW-1, the well installed in the tank excavation, generally decreased over time until quantifiable levels of soluble MTBE and BTEX constituents of the well decreased to non detectable levels.
- Based on analytical results submitted on June 18, 1993, the SMS gave permission (June 22, 1993) for the soil stockpile to be thin-spread on site.
- In a letter dated January 26, 2001, Bradford Oil Company confirmed the belief that the soils were thin-spread in the summer of 1993.
- 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 and upgrade

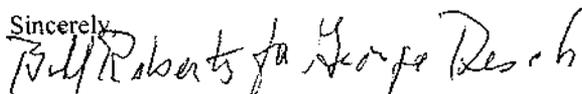
replacement of the 3 UST(s) from Al's Country Store in November of 1991.

Based on the above, the SMS is assigning this site a Site Management Activity Completed (SMAC) designation. If monitoring wells at the site are no longer used or maintained, then they must be properly closed to eliminate a possible conduit for contaminant migration into the subsurface. This closure typically involves filling the wells with a grout material to prevent fluid migration in the borehole. Specific requirements for well closure are outlined in Section 12.3.5 in Appendix A of the Vermont Water Supply Rule - Chapter 21. The SMS considers reasonable costs to properly close monitoring wells at this site reimbursable by the Petroleum Cleanup Fund if uninsured and eligible costs for cleanup at the site exceed the \$10,000 deductible.

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 Al's Country Store in November of 1991.

We are here to help make this process as effective and uncomplicated as possible. 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: Hartford Select Board w/o enclosure
Hartford Health Officer w/o enclosure
DEC Regional Office w/o enclosure
John F. Amadon, Lincoln Applied Geology, Inc

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