



State of Vermont

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Department of Environmental Conservation
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February 25, 2000

EVELYN BUCK
PO BOX 122
ARLINGTON, VERMONT 05250

RE: Site Management Activity Completed, Evelyn Buck Residence, SMS Site #99-2686
Arlington, Vermont

Dear Ms. Buck:

The Sites Management Section (SMS) has reviewed the January 3, 2000 letter report prepared by Malter Consulting, Inc. 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 July 13, 1999 two 1,000 gallon fuel oil underground storage tanks (USTs) were removed from a common tank pit east of the Buck Residence on River Road in Arlington.
- During the UST removals, a hole was noted in the south end of the eastern tank. Soils under this end of the fuel oil tank were found to be contaminated with volatile organic compounds (VOCs) at concentrations above SMS guideline levels, as measured with a photoionization detector (PID). These soils appeared to be gravel backfill. The contaminated soils were excavated until dense, native till was encountered. At this point no positive PID readings were noted. Two confirmatory soil samples were taken. The contaminated soils were placed in five 55-gallon drums. Groundwater was not encountered at the maximum excavation depth of 8.5'.
- The two soil samples were analyzed for VOCs via EPA Method 8021B and total petroleum hydrocarbons (TPH) via EPA Method 8100M. No VOCs were detected in the soil samples. TPH levels of 60 and 80 parts per million (ppm) were found in the soil. This is under the residential action limit for TPH of 400 ppm.
- A contaminated soil management plan and a water sample from the down gradient, bedrock water supply well were required by the SMS to complete the site investigation.

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- On November 30 the on site water supply well was sampled and analyzed for VOCs via EPA Methods 8021B and 8100M. No petroleum contaminants were found.
- On December 8 the 5 drums of contaminated soil and 2 drums of tank bottoms were removed by Clean Harbors Environmental Services and taken to their facility in Braintree, Massachusetts for proper disposal.
- 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 you, Evelyn Buck, 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 July 1999 UST removals.

Please feel free to call with any questions.

Sincerely,



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

CC: Arlington Selectboard
Arlington Health Officer
DEC Regional Office
John Malter, Malter Consulting, Inc.
Tom Hayes, Aaron and Sons