



State of Vermont

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February 25, 2000

MARIAN HEATH
55 SPAULDING STREET
BARRE VERMONT 05641

RE: Site Management Activity Completed, Heath Property, SMS Site #99-2648
Main Street, Cabot, Vermont

Dear Mrs. Heath:

The Sites Management Section (SMS) has reviewed the July 19, 1999 underground storage tank (UST) removal report and the July 28 soil sample letter report prepared by Griffin International 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 one 1000 gallon and one 750 gallon gasoline UST were removed from the Heath property on Main Street in Cabot. This was the former site of a gas station owned by Mr. Herb Heath.
- During the UST removals, soils surrounding the USTs were found to be contaminated with petroleum compounds at concentrations above SMS guideline levels, as measured with a photoionization detector (PID). The maximum excavation depth was 9 feet. No groundwater was observed during the UST removals. 10.8 tons of contaminated soils were temporarily stockpiled on site. These soils were shipped to the ESMI facility in New Hampshire on October 14, 1999 for disposal via thermal destruction. On December 20 the SMS received a copy of the Bill of Lading indicating that these soils had been received by ESMI.
- Three soil samples were taken from the tank pit and analyzed for gasoline contamination to confirm that all contaminated soils had been removed. Two samples contained no detectable contamination. The third sample contained toluene (14.4 $\mu\text{g}/\text{kg}$), xylene (45.3 $\mu\text{g}/\text{kg}$), 1,3,5- and 1,2,4-trimethylbenzene (17.8 $\mu\text{g}/\text{kg}$ and 42.0 $\mu\text{g}/\text{kg}$ respectively). These soil levels are below the EPA Region III Risk Based Concentration levels for residential areas.

over

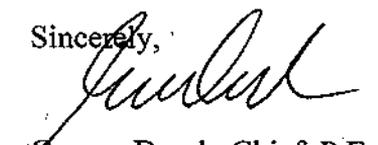
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- Residual contamination in the soil associated with the UST removals was shown to be confined to the soils in the immediate vicinity of the USTs.
- The nearest surface water is the Winooski River, approximately 50-75 feet down gradient and 40 feet below the site elevation. Given the low soil contamination concentrations found and the fact that groundwater was not encountered, the Winooski River appears at minimal risk of contamination from this site. No other sensitive environmental receptors were identified.
- No buildings exist on the property. No water supply wells are nearby and the area is served by municipal water. A water line is up gradient on the other side of Main Street. This water line was replaced during the summer of 1999 and no subsurface contamination was encountered at this location. 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, Marian Heath, 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 1999 UST removal.

Please feel free to call with any questions.

Sincerely,



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

CC: Cabot Selectboard
Cabot Health Officer
DEC Regional Office
Tim Kelly, Griffin International