

State of Vermont
Department of Environmental Conservation
Waste Management & Prevention Division
1 National Life Drive – Davis 1
Montpelier, VT 05620-3704
chuck.schwer@state.vt.us

April 18, 2014

Mr. Wally Allen
Shelburne Farms
1611 Harbor Road
Shelburne, VT 05482

RE: Site Management Activity Completed, Shelburne Farms, Harbor Rd., Shelburne (SMS Site #2013-4375)

Dear Mr. Allen,

The Sites Management Section (SMS) recently received the results of the initial site investigation at this property which were submitted by Weston & Sampson. Subsurface contamination was encountered at this site during the removal of a heating oil UST. Based on the information presented in the report, we have made the following conclusions:

- In March, 2012, a 1,000-gallon heating oil UST, 1,000-gallon gasoline UST and a 500-gallon heating oil UST were removed from the Shelburne Farms Property. Soil and groundwater contamination was found in relation to the diesel tank. Both of the other tanks were in fair to good condition, and do not appear to have leaked. Soils surrounding the diesel UST were screened for volatile substances using a photoionization detector (PID) and had readings as high as 470 parts per million (ppm). Some free phase diesel fuel was encountered in this area. The full extent of contamination could not be determined. A well point was installed in the excavation to aid in collection of diesel fuel, and absorbents were placed inside this point.
- The 2012 initial site investigation report was not submitted to the SMS until in April of 2014. In 2012 subsurface investigation activities were performed at the site to further define the degree and extent of contamination. Several soil borings were advanced in the area immediately surrounding the former tank. No groundwater was encountered prior to drill refusal in each boring. Soils screened for volatile substances using a PID had readings up to 129 ppm. No significant PID readings were recorded outside of the footprint of the former tank. Confirmatory soil samples were collected from the borings in this location and submitted to laboratory for analysis of volatile organic compounds (VOCs) and total petroleum hydrocarbons (TPH). A TPH concentration of 709 ppm was recorded. Several VOCs were recorded, though at concentrations below the Vermont Soil Screening Values.
- A survey of sensitive receptors was conducted at the property. No groundwater impacts were identified during the initial site investigation. Drinking water for the Shelburne Farms is provided by a public water supply managed by the town of Shelburne. Soil contamination is at depth and all screening values have been met. Residual soil contamination will dissipate over time.
- It is not clear what happened to the temporary “recovery” well at the site. Wally Allen of Shelburne Farms reported that the well is no longer present at the site in a phone conversation with Ashley Desmond of the SMS on April 4, 2014.

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- No unacceptable risk to human health or the environment is believed to be present due to any residual contamination remaining at the site from the former diesel UST.

Based on the above, the SMS is assigning this property a Site Management Activity Completed (SMAC) designation. The SMAC designation will not release the owner(s) of the property from any past or future liability associated with the petroleum contamination at the site. It does, however, mean that the SMS is not requesting any additional work in response to the contamination discovered during the closure of the USTs in 2012.

Please feel free to call myself or Ashley Desmond of the SMS at (802) 828-1138 if you have any questions.

Sincerely,



Chuck Schwer, Section Chief
Site Management Section

c: Brian Ouellette, ENPRO
Ken Bisceglia, Weston & Sampson
DEC Regional Office
Shelburne Selectboard
Shelburne Health Officer

All sent via email