

State of Vermont
Department of Environmental Conservation
Waste Management Division
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28 January 2008

Mr Charles Palmer
Palmer Brothers Inc
72 Eastern Ave.
St Johnsbury VT 0581

Dear Mr. Palmer:

The Department of Environmental Conservation has reviewed the available data regarding the site investigations and long term monitoring conducted at the Palmers Dry Cleaners site in St. Johnsbury, VT (Site #1993 1390).

- The site is located in St. Johnsbury, VT and is an operating drycleaner.
- The property has been a site since 1993 when petroleum contaminated soils were discovered during the removal of an on site 10,000 gallon underground heating oil storage tank. Contaminated soils were excavated and disposed of off site in 1993 at an approved asphalt batch plant.
- The Sites Management Section did not require any remedial response to the limited in place soil contamination which did not contaminate groundwater and was not a threat to receptors.
- Tetrachloroethylene (PCE) contaminated groundwater was discovered in a monitoring well on the Caledonia Record property adjacent to the Palmer Dry Cleaners property. Site Investigations of the PCE contamination were conducted. These investigations indicated that the Palmer Dry Cleaning site was the likely source of the PCE.
- The Sites Management Section determined that long term monitoring was an appropriate response to the PCE contamination as the investigations indicated that the PCE contamination was not migrating and there were no receptors potentially affected by the contamination.
- Long term monitoring demonstrated that the PCE has naturally attenuated and it is not present in groundwater above enforcement standards.



- Monitoring wells have been properly abandoned and a notice discussing residual petroleum contamination has been added to the land record.

In conclusion, we have determined that natural attenuation at the site has reduced the sub surface source of contamination related to the dry cleaning operations such that groundwater enforcement standards are no longer exceeded. The data indicate that the source will continue to naturally attenuate and groundwater standards will not be exceeded for these compounds.

In regards to the residual #4 or #6 fuel oil present in very small amounts in the subsurface soils at the site, this material is not affecting groundwater quality, does not pose a threat to human health and the environment, and is in a location that will be very difficult for anyone to come into contact with the materials. This material will naturally degrade over time. The notice to the deed detailing the presence of this contamination is acceptable to notify any potential future property owners or uses of the existence of the contamination.

Based on these findings, the Sites Management Section has concluded that this site is eligible for a designation of "Site Management Activity Completed" (SMAC). This SMAC designation does not release the responsible parties from any past or future liability associated with the contamination discovered on this site. It does, however, mean that the SMS is not requesting any additional work at this time.

Sincerely,

George Desch, P.E.
Hazardous Sites Manager