



State of Vermont

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Department of Environmental Conservation
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November 6, 2000

ATTN TIM VALLEE
R L VALLEE
280 SOUTH MAIN ST
ST ALBANS VT 05478

RE: Site Management Activity Completed - R.L. Vallee Mobil Site (#97-2157) - Morrisville, Vermont

Dear Mr. Vallee:

The Vermont Department of Environmental Conservation, Sites Management Section (SMS) has reviewed the report dated October 16, 2000, of the subsurface investigation of petroleum contamination at the above referenced site.

Based on the information provided in this report, the SMS has determined the following:

- On March 1, 1997, store employees noticed gasoline vapors entering the building. Twin State Environmental Corporation (TSEC) discovered petroleum contamination under the pavement, sealed cracks with cement grout, and installed a ventilation system in the store. The ventilation system sufficiently removed the gasoline vapor from the building and there was no indication of vapors continuing to enter the store after the system was shut down. Further investigation was to be performed later that summer when the planned renovations of the nearby pump island were undertaken, however, there had been no record of this investigation occurring.
- On September 26, 2000, five soil borings were advanced to 16 feet below ground surface using a Geoprobe® rig. There was insufficient water infiltration to collect grab water samples from any of the borings, however, the soils were screened with a photoionization detector (PID) and there were no volatile organic compounds (VOCs) detected. A soil sample was collected from the boring in the original source area and analyzed by EPA Method 8021B. Only MTBE was detected at 36.6 ppb which is below the Vermont Groundwater Enforcement Standard (VGES) of 40 ppb (assuming 100% leaching of contamination from soil to groundwater).
- There appears to be no elevated risk to potentially sensitive receptors. There have been no reports of vapors in the store building since March 1997 and the area is supplied with water by the municipal supply.

Based on there being only limited petroleum contamination in the subsurface soils at concentrations below the VGES, TSEC suggested that no further work be performed at the site and that the site be considered for a "Site Management Activity Completed" (SMAC) designation.

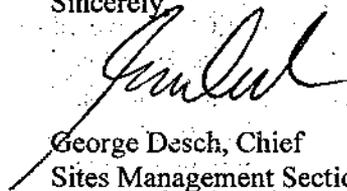
Based on the current conditions at this site, the SMS has determined that this site is now eligible for a SMAC designation. This means that the SMS has determined the following:

- the petroleum vapors reported in the store building in March 1997, have been removed and have not been reported since;
- based on the limited nature of the subsurface contamination and its depth with respect to the pavement, it appears that the contamination discovered is from gasoline overfills and other surface spills;
- groundwater has apparently not been impacted by the release;
- no petroleum contaminated soil was removed, however, the findings of the subsurface investigation indicate that the contamination is limited to the area of the pump island at concentrations below action levels; and
- any residual contamination does not pose an unacceptable risk to human health or the environment.

Based on these findings, the SMS has determined that site management activities have been completed. The completion of these activities does not release the R. L. Vallee of any past or future liability which may arise from the petroleum contamination discovered to have originated from the activities at the above site. It does mean that the SMS is not requiring any additional work be performed in response to the contamination discovered at this site.

If you have any questions or comments, please feel free to contact either me or Tim Cropley at (802)241-3888.

Sincerely



George Desch, Chief
Sites Management Section

cc: Christopher Altman, TSEC
Morrisville Board of Trustees
DEC Barre Regional Office

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