

## State of Vermont

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Department of Environmental Conservation  
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Waste Management Division  
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January 31, 2003

MR MAURICE POULIOT  
ADRIEN'S IRVING  
319 MAIN STREET  
NEWPORT VT 05855

RE: Sites Management Activity Completed at Adrien's Irving  
Newport, Vermont (Site #87-0080)

Dear Mr. Pouliot:

The Sites Management Section (SMS) reviewed the above referenced file. Based on the information contained in the file, the SMS makes the following conclusion:

- The site has been remediated with respect to petroleum contamination identified during a piping upgrade and an underground storage tank (UST) removal in 1998.**

This conclusion was based on the following information obtained from reports and correspondence in the site file:

- On October 14, 1998, the piping system supplying four underground storage tanks (USTs) was upgraded. Petroleum contaminated soils were found during the upgrade. Volatile organic vapor levels in the soil were measured using a photoionization detector (PID). PID readings ranged from 0 parts per million (ppm) to 1,275 ppm, with the highest reading from soil samples collected from below one of the gas dispensers. No PID readings above zero were found in the three other soil samples collected in the vicinity of the dispensers. All contaminated soils were backfilled into the pipe trenching.
- On October 22, 1998, a 3,000-gallon single wall UST was removed. The UST was found in fair condition. PID readings in the tank pit were zero; however, olfactory evidence of petroleum contamination was found at a depth of 11 feet. The environmental consultant suggested that the contamination was from a previous generation of USTs. All contaminated soils were backfilled into the former UST pit.
- Four monitoring wells were installed on January 17, 2001, and the wells were sampled on January 24, 2001. The groundwater monitoring results from this initial sampling event showed that in MW-3 there were concentrations of 1,3,5-trimethylbenzene (TMB) at 173 parts per billion (ppb), 1,2,4-TMB at 350 ppb, and naphthalene at 55.6 ppb, which were above their respective Vermont Groundwater Enforcement Standards (VGES) of 4 ppb, 5 ppb, and 20 ppb.

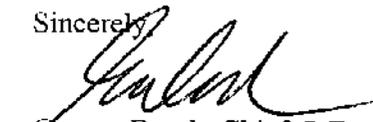
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- Subsequent groundwater samples were collected in April 2001 and October 2001. Contaminant concentrations in all the monitoring wells decreased progressively since the initial sampling round. The analytical results from the October 17, 2001 sampling event showed no target volatile organic compounds (VOCs) at concentrations above the VGES.
- The results from receptor survey indicated that the petroleum contamination is not adversely affecting the closest receptors, which are apartments adjacent to the property. PID reading of the basement air of the two closest apartments were zero.
- The threat of groundwater contamination adversely affecting water supplies is negligible given the low contaminant concentrations in the four monitoring wells and that your property and the surrounding buildings receive municipal water.
- The risk of direct contact exposure to the residual petroleum contamination is negligible because the site is paved.
- On January 24, 2002, the SMS received a monitoring well maintenance plan for the four monitoring wells. The purpose of maintaining the monitoring wells was to use them as supplemental UST leak detection. The SMS accepted the plan after receiving an electronic mail from you dated January 21, 2003, which stated that, as the owner, you will take full responsibility for maintaining the wells and properly closing them once they are no longer in use. Because the wells are used for leak detection, the Petroleum Cleanup Fund (PCF) cannot reimburse costs that are used to maintain or close the wells. It is my understanding that you plan to close the monitoring wells in Spring 2003. Please note that the closure of the wells must comply with the requirements in Water Supply Rule, Chapter 21, Section 12.3.5 of Appendix A).

Given the above, the SMS is assigning this site a Site Management Activity Completed (SMAC) designation. This designation means that based on the information you have submitted, the SMS is not aware of any threat to human health or the environment presented by your site. In making this determination, the SMS is not certifying that your property is free of contamination that may have occurred or may still be present due to other activities on the site that have not been evaluated or identified. This designation means that based on the information you have submitted and the actions you have taken, the SMS has determined that you do not need to perform any additional remedial, investigative, or monitoring work on this site. Any additional information which may come to light in the future may be cause for reconsideration of this decision.

If you have any questions or comments, please contact me at (802) 241-3888.

Sincerely,



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

CC: Bob Ross, Ross Environmental  
John O. Ward, Jr., Newport City Manager  
DEC Regional Office