



State of Vermont

Department of Fish and Wildlife
Department of Forests, Parks and Recreation
Department of Environmental Conservation
State Geologist
RELAY SERVICE FOR THE HEARING IMPAIRED
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Department of Environmental Conservation
Waste Management Division
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October 26, 1998

TOM AND AMI ALLEN
P.O. BOX 4027
ST JOHNSBURY, VT 05661

RE: Allen Residence, St. Johnsbury, Site # 96-2100

Dear Mr. & Mrs Allen:

The Vermont Department of Environmental Conservation, Sites Management Section (SMS), has received and reviewed the October 8, 1998 groundwater monitoring report plus the subsequent groundwater treatment data submitted by ENSR for the above referenced site. Based on the information contained in the report and other information contained in the site file, the SMS has concluded that the site is eligible for a Site Management Activity completed (SMAC) designation.

- The property is used as a private residence. On December 6, 1996, fuel oil was noticed in a foundation drain pipe originating at the Allen's residence. Subsequent investigation identified a leaking heating oil line.
- Approximately 210.83 tons of petroleum contaminated soil were excavated from beneath the basement slab. An additional 26 tons of soil were excavated from the drainage swale at the drain pipe outfall.
- Volatile organic compounds (VOCs) have not been detected in any of the water supply wells in the vicinity of the site. Analytical results of groundwater sampling indicates that releases at the property have not exceeded Ground Water Enforcement Standards (GWES).
- Analytical results for sediment samples collected from the Moose River indicate the river was not impacted by the release.
- Any residual contamination does not pose an unacceptable risk to human health or the environment.

Tim & Ami Allen
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Based on these findings, the SMS has determined a Site Management Activities Completed (SMAC) designation is warranted. The SMAC designation does not release you from past or future liability which may arise from the petroleum contamination that originated from the release that occurred at your residence. It does mean the SMS is not requiring any additional work be performed at the site at this time.

A groundwater pump and treat system is installed at the site. If the system is to be maintained as a sump pump, the Waste Water management Division (WWMD) should be contacted to determine if the current discharge permit will need to be maintained.

If the monitor wells are no longer used or maintained, they must be properly closed to eliminate a possible conduit for residual contamination migration into the subsurface. Closure typically involves filling the wells with a grout material to prevent fluid migration into the borehole. Also the road box or well guard must be removed before closure is considered complete. Specific requirements well closure are outlined in Section 12.3.5 in Appendix A of the Vermont Water Supply Rule - Chapter 21.

If you have any questions please feel free to contact me or Mike Young at the phone number or address identified above.

The SMS appreciates your cooperation in this manner.

Sincerely,



George Desch
Chief

Sites Management Section

cc: Donald McFadden, ENSR
Randy Bean, WWMD
DEC Regional Office
St Johnsbury Selectboard