



State of Vermont

Department of Fish and Wildlife
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RELAY SERVICE FOR THE HEARING IMPAIRED
1-800-253-0191 TDD>Voice
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AGENCY OF NATURAL RESOURCES
Department of Environmental Conservation
Hazardous Materials Management Division
103 South Main Street/West Office
Waterbury, Vermont 05671-0404
(802) 241-3888
FAX (802) 241-3296

August 22, 1994

Philip George
226 Pine Street
Burlington, Vermont 05401

RE: Petroleum Contamination at the former Coca-Cola Plant
(Site No. 92-1309)

Dear Mr. George:

The Sites Management Section (SMS) has received the June 6, 1994 report outlining the subsurface assessment for the above referenced site, conducted by Maria C. Dunn of Twin State Environmental Corporation (TSEC). This report summarizes the degree and extent of contamination encountered during the assessment on May 5, 1994. Based on the site file and on information contained in this report, the SMS has concluded the following:

- One (1) 4,000-gallon underground storage tank (UST) owned by Philip George containing gasoline was removed. Soil in the tank pit was found to be contaminated, with levels of 156 ppm of volatile organic compounds, which was recorded using a photoionization detector (PID). A total of four cubic yards of petroleum contaminated soils were stockpiled and polyencapsulated onsite. Groundwater was encountered at a depth of eight feet below the ground surface. No sheen or free product was encountered throughout the excavation.
- One (1) monitoring well was installed on January 26, 1994 by TSEC in the former UST cavity at the site to determine if groundwater had been impacted. Soil vapor concentrations ranged up to 50 ppm by PID. One groundwater sample was collected on May 5, 1994 and analyzed by EPA Method 8020. Toluene, ethylbenzene, and xylenes were reported at concentrations of 31 ppb, 10 ppb, and 41 ppb, respectively. These reported concentrations are below the Vermont Groundwater Enforcement Standards (VGES) of 680 ppb for ethylbenzene, 2,240 ppb for toluene, and 400 ppb for xylenes.
- No data or observations have been developed to indicate contamination has migrated (or is migrating) offsite. The four cubic yards of polyencapsulated contaminated soil were reportedly removed by an unknown party. No nearby potential receptors appear to be at risk. No private or public drinking supply wells exist onsite.

Based on the results of this investigation, the site is eligible for a Sites Management Action Completed (SMAC) designation. Sites which the Hazardous Materials Management Division have determined require no further management are classified as SMAC. This designation does not release Philip George from any past or future liability which may arise from the petroleum contamination which originated from apparent release of gasoline discovered during the UST removal at the former Coca-Cola Plant. It does mean that the SMS is not requiring any additional work be performed at this site in response to the initial contamination measured on the property. Please feel free to contact myself or Richard Spiese with any further questions or comments you may have.

Sincerely,



Chuck Schwer, Acting Chief
Hazardous Materials Management Division

CC: Maria C. Dunn, TSEC
Burlington City Council
DEC Regional Office

CBS:jp/wp50/921309