



State of Vermont

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Department of Environmental Conservation
State Geologist
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July 5, 2005

Mr. Tony Cairns
Champlain Oil Company
PO Box 2126
S. Burlington, VT 05407

RE: Site Management Activity Completed (SMAC) at Route 5 Citgo (Shell) Station, Rockingham, VT
(SMS Site #89-0434)

Dear Mr. Cairns:

The Vermont Department of Environmental Conservation, Sites Management Section (SMS) has recently reviewed the file for the Route 5 Citgo site, which details the contamination discovered during the removal of several underground storage tanks (USTs) in 1989. With this information, the SMS can make the following determination:

- On September 18, 1989, three 4,000-gallon gasoline USTs were removed from the above referenced site.
- All three of the USTs were found to be in poor condition when removed, with rusting and visible holes. Photoionization detector (PID) readings taken from associated soils showed volatile organic compound (VOC) readings as high as 150 parts per million (ppm). Petroleum sheens were visible on the groundwater surface in the excavation.
- Approximately 200 cubic yards of petroleum contaminated soil from the tank excavation was stockpiled onsite. Four monitoring wells were installed near the tank excavation to facilitate future compliance monitoring.
- In a letter dated October 11, 1989, the SMS requested that the owner develop a plan to manage the contaminated soils at the site, and sample the monitoring wells for free product on a weekly basis.
- An October 12, 1990 letter from the SMS, which detailed an October 4, 1990 meeting with COCO, indicated that the plan for the site was to have groundwater/free product checks and an evaluation of the soils that were *spread on site*.
- A groundwater sampling event was conducted by Griffin International in August of 1991. Detectable quantities of ethylbenzene and xylenes were recorded during this sampling round in two of the four wells, though the levels were below the Vermont Groundwater Enforcement Standards (VGES).
- On June 30, 2005, Tony Cairns of Champlain Oil submitted an email to the SMS stating that the contaminated soils were no longer stockpiled and that they had likely been spread on-site, which agrees with the record from 1991.

Based on the above information, it appears that residual contamination at the Route 5 Citgo does not pose an unacceptable risk to the public health or the environment. Therefore, the SMS is assigning this site a Site Management Activity Completed (SMAC) designation. This SMAC designation does not release

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Route 5 Citgo
July 5, 2005
Page 2 of 2

the owners of the Route 5 Citgo of any past or future liability associated with the contamination from the former USTs. It does, however, mean that the SMS is not requesting any additional work at this time.

Please feel free to call with any questions. I can be reached at (802) 241-3491.

Sincerely,



George Desch, Chief
Sites Management Section

C: DEC Regional Office (submitted electronically)
Rockingham Select Board
Rockingham Health Officer