



State of Vermont

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Waste Management Division
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June 17, 1999

MFC DORN COMPANY COCA COLA
ATTENTION NORMAND H DELORME
PO BOX 217
WINOOSKI VT 05404

Re: Sites Management Activity Completed (SMAC) at the Coca Cola Facility
Colchester, Vermont, Vermont (Site #98-2378)

Dear Mr. Delorme:

The Sites Management Section (SMS) has reviewed the letter dated June 23, 1998, by the Johnson Company. Based on this letter report and previous submitted reports, the SMS has the following understanding about the site:

- Petroleum contamination was found during the removal of a 10,000-gallon diesel underground storage tank (UST) and a 6,000-gallon gasoline UST on April 23, 1998. Petroleum contamination was also present beneath the pump island.
- Soils from the two former tank pits were screened for volatile organic compounds (VOCs) with a photoionization detector (PID). Within the former tank pit for the 10,000-gallon UST, the highest PID reading was 83 parts per million (ppm). In the bottom of the excavation, at a depth of 12 feet, the PID readings ranged from 2.4 ppm to 5.0 ppm. No groundwater was found in the excavation.
- All soils with a PID reading greater than 5 ppm were removed from the tank and pump island area and sent to the ESMI facility for thermal treatment. Soils with PID readings less than 5 ppm were backfilled into the tank and pump island area. Based on the receipt from ESMI, approximately 94 tons of contaminated soil were transported from the Cola Cola property to the ESMI facility in New Hampshire for thermal treatment on May 18, 1998.
- On May 12, 1998, six soil borings were advanced at the site into which an observation well, two temporary monitoring wells, and three permanent monitoring wells were installed on the property. The two temporary wells were installed near the former pump island. Monitoring wells MW-1, MW-2, and OW-1 were located hydraulically upgradient from the tanks and pump island. Monitoring well MW-3 was hydraulically downgradient from MW-3.

(Over)

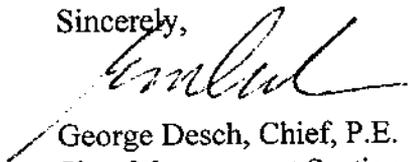
- Groundwater samples from the monitoring wells were analyzed using EPA Method 8020. No petroleum contaminants were detected above the Vermont Groundwater Enforcement Standards (VGES) in the groundwater samples. Only the sample from the upgradient well MW-1 had a detectable concentration of a petroleum compound. Toluene was at a concentration of 2.2 parts per billion (ppb). The VGES for toluene is 1,000 ppb.
- The closest receptor is wetland area located on the adjacent property. Based on a file review at the Department of Environmental Conservation (DEC) Water Supply Division, the closest water well is 2,300 feet northeast of the former UST area. The Coca-Cola facility and adjacent developed properties are served by municipal water and sewer.

Based on the above, the SMS believes that the residual petroleum contamination at the site does not pose an unreasonable risk to human health and safety or the environment. Therefore, the SMS is assigning this site a Site Management Activity Completed (SMAC) designation. This SMAC designation does not release you of any past or future liability associated with the petroleum contamination remaining in the ground from the removed USTs. It does, however, mean that the SMS is not requesting any additional work at this time.

If the monitoring wells are no longer used or maintained, then they must be properly closed to eliminate a possible conduit for contaminant migration into the subsurface. This closure typically involves filling the wells with a grout material to prevent fluid migration in the borehole. Specific requirements for well closure are outlined in Section 12.3.5 in Appendix A of the Vermont Water Supply Rule-Chapter 21. Also, the road box or stand-up well guard for a monitoring well must be removed before well closure is considered complete. The SMS considers reasonable costs to properly close monitoring wells at this site reimbursable by the Petroleum Cleanup Fund (PCF) if uninsured and eligible costs for cleanup at the site exceed the \$10,000 deductible.

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

Sincerely,



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

cc: DEC Regional Office
Cholchester Selectboard
Don Maynard, Johnson Company
jss/wp/sites/982378/coke.smc.wpd