



State of Vermont

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Department of Environmental Conservation
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June 15, 2000

ALLEN KIRBY
GENERAL SERVICES ADMINISTRATION
10 CAUSEWAY STREET
BOSTON, MASSACHUSETTS 02222

RE: Site Management Activity Completed, U.S. Federal Office Building, SMS Site #99-2729
Montpelier, Vermont

Dear Mr. Kirby:

The Sites Management Section (SMS) has reviewed the June 5, 2000 letter report titled, "*Subsurface Investigation Results, Montpelier Federal Building, 87 State Street, Montpelier, Vermont*" prepared by EIV Technical Services for work conducted at the above referenced site. The SMS has also reviewed information contained in the site file. With this information, the SMS can now make the following conclusions:

- On September 23, 1999 one 12,000 gallon fuel oil underground storage tank (UST) was closed in place at the U.S. Federal Office Building in Montpelier. The UST is located in a concrete vault under loading docks at the rear of the building. During the UST closure, soil samples were taken by cutting through the tank and coring through the concrete. These soil samples were field screened for volatile organic compounds (VOCs) by using a photoionization detector (PID). Maximum VOC levels were 180 parts per million (ppm). One soil sample was analyzed via EPA 8100M for total petroleum hydrocarbons (TPH) and EPA 8021 for VOCs. Naphthalene (63 µg/kg), 1,2,4-trimethylbenzene (59 µg/kg), and TPH (125 mg/kg) were found. Groundwater was not encountered. Additional investigation of the 12,000 gallon UST closure was required by the SMS.
- On May 19, 2000 one soil boring was advanced to a depth of 16' in the parking lot immediately adjacent to the UST location under the loading dock. Soils were screened at 1' intervals via PID and the maximum VOC level observed was 0.5 ppm. A soil sample was taken for lab analysis from 11.5', the apparent groundwater level. No VOCs were detected. TPH was found at 150 mg/kg. The State of Vermont does not have a soil standard for TPH, however 200 mg/kg and 1,000 mg/kg are used as guidelines for

over

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residential and industrial soils respectively.

- Residual contamination in the soil associated with the UST removal was shown to be confined to the subject property. The UST is in a concrete vault and not accessible to the public. All soil samples were collected from locations under concrete or paving.
- The subject building and area are served by a municipal water supply, which is not at risk of contamination from this site. No unacceptable risk to human health and the environment is present due to any residual contamination remaining in the ground from the closed UST.

Based on the above, the SMS is assigning this site a Site Management Activity Completed (SMAC) designation. This SMAC designation does not release the General Services Administration of any past or future liability associated with the petroleum contamination onsite. It does, however, mean that the SMS is not requesting any additional work in response to the 1999 UST closure.

Please feel free to call with any questions.

Sincerely,



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

CC: Montpelier Selectboard
Montpelier Health Officer
DEC Regional Office
Bill Lammer, EIV Technical Services