



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
1-800-253-0191 TDD>Voice
1-800-253-0195 Voice>TDD

AGENCY OF NATURAL RESOURCES
Department of Environmental Conservation
Waste Management Division
103 South Main Street / West Building
Waterbury, Vermont 05671-0404
(802) 241-3888
FAX (802) 241-3296

July 11, 2000

RICHARD KINGSBURY
KINGSBURY CONSTRUCTION
PO BOX 1476
WAITSFIELD, VERMONT 05673

RE: Site Management Activity Completed, Kingsbury Construction Shop, Site #98-2412
Waitsfield, Vermont

Dear Mr. Kingsbury:

The Sites Management Section (SMS) has reviewed the June 2000 letter report titled, "*Annual Monitoring Report, Kingsbury Construction, Fayston, Vermont*" prepared by Griffin International 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 June 18, 1998 one 6,000 gallon diesel fuel and one 5,000 gallon #2 fuel oil underground storage tank (UST) were removed from the Kingsbury Construction Shop in Fayston. During the removal contaminated soil was noted. Volatile organic compounds (VOCs) were measured using a photoionization detector (PID). The maximum VOC level noted was 110 ppm at 3' depth at the southeast corner of the diesel fuel UST. At the maximum excavation depth of 12', no groundwater or above background PID readings were observed.
- 4 yd³ of contaminated soil were excavated from the southeast corner of the diesel UST pit and were polyencapsulated and stockpiled on site. PID sampling of the pit following soil removal at this location, indicated that all contaminated soils were removed. Two soil samples were collected by bucket auger on October 15 at this location (from 4' and 5') for laboratory analysis via EPA Methods 602 and 8100M. No contaminants were detected by the laboratory analysis, confirming that contamination appears to be limited in depth.
- According to the Griffin UST removal report, drinking water at the shop comes from a spring, approximately 300' uphill from the former UST location. No other at risk sensitive receptors were identified. Following evaluation of the UST removal report, the SMS required monitoring of the soil stockpile as the only site management necessary.

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- On August 16, 1999 a 500 gallon waste oil UST was removed from the site. No VOCs were detected by PID. Confirmatory soil samples were taken from under the tank. One soil sample was analyzed for VOCs by EPA 8260 and no VOCs were detected. One soil sample was analyzed for total petroleum hydrocarbons (TPH) by EPA 8015DRO and 43.3 mg/kg was detected. Approximately 5 gallons of stained soils surrounding the fill pipe were removed and added to the existing soil stockpile. No further investigation of this UST removal was required by the SMS.
- On September 21, 1999 seven soil stockpile samples were screened for VOCs by PID. The maximum VOC level was 15.2 parts per million and the average VOC level was 8.1 ppm. Another round of monitoring was required.
- On June 9, 2000 ten soil samples were collected from the soil stockpile and screened via PID. No detectable VOC levels were found.
- No unacceptable risk to human health and the environment is present due to any residual contamination remaining in the ground from the removed USTs.

Based on the above, the SMS is assigning this site a Site Management Activity Completed (SMAC) designation. This SMAC designation does not release Kingsbury Construction 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 June 1998 removal of the two USTs and the August 1999 removal of one UST.

The 4 yds³ soil stockpile may be disposed of via thin spreading on site. Off site disposal is **not** permitted unless the SMS is first contacted and two confirmatory soil samples are analyzed in a laboratory for petroleum compounds via EPA Method 8015DRO (total petroleum hydrocarbons) and EPA Method 81021B (VOCs). Please feel free to call with any questions.

Sincerely,



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

CC: Fayston Selectboard
Fayston Health Officer
DEC Regional Office
Don Tourangeau, Griffin International