



State of Vermont

Department of Fish and Wildlife
Department of Forests, Parks and Recreation
Department of Environmental Conservation
State Geologist
RELAY SERVICES FOR 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

February 21, 2005

JOHN SPRAGUE
BOX 220A
EAST BROOKFIELD, VERMONT 05036

RE: Sites Management Activities Complete, former Martin's Garage, SMS Site# 99-2718
Brookfield, Vermont

Dear Mr. Sprague:

The Sites Management Section (SMS) has reviewed the February 18, 2005 letter report titled, "*Former Martin's Garage, Brookfield, Vermont*" and the January 24, 2000 letter report containing soil analytical results prepared by Jeff Kelley 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:

- During the November 1999 removal of one 1,000 gallon gasoline, one 1,500 gallon gasoline and one 4,000 gallon diesel underground storage tank (UST) contaminated soil and holes in two of the USTs were observed. The two gas tanks were co-located in one tank pit and the diesel tank was in the second tank pit. Volatile organic compounds (VOC) were measured by a photoionization detector (PID). PID readings of the soils below the diesel pump ranged up to 60 parts per million (ppm). PID readings of the soils at the gasoline USTs ranged up to 6.8 ppm.
- The soil was observed to be coarse sand and gravel. Neither groundwater nor bedrock was encountered at the maximum excavation depth of 16'. Approximately 6 yd³ of contaminated soils from under the diesel pump were stock piled on site under plastic sheeting. No petroleum sheens or free product were observed.
- The tanks were reported to have been pumped empty and abandoned in the early 1970's. During their removal, only one 55 gallon drum of tank bottoms was removed.
- Two soil samples were collected from the limits of the diesel tank and pump excavation and analyzed for petroleum products. The east soil sample contained no detectable petroleum contaminants. The west soil sample contained 387 µg/kg of 1,2,4-trimethylbenzene.
- No further site investigation was required by the SMS following the receipt of the January 2000 report. Soil stockpile management consisting of annual sampling was the only site management activity, which was required by the SMS. This was not performed until the February 17, 2005 site

over

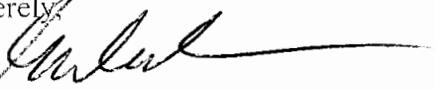
visit was conducted by Mr. Kelley.

- An excavator was used to collect four soil samples from the frozen soil stockpile. These samples were screened using a PID and no above background VOC levels were noted. The stockpile was reported to be intact with no rips or tears in the plastic sheeting covering it.
- Soils near the former tank locations were identified as sensitive receptors. All local water supplies were reported by Mr. Kelley to be springs located on hillsides at higher elevations east and west of the site.
- The nearest down gradient buildings do not have basements and are hence at low risk for vapor infiltration. No other at-risk sensitive receptors were identified. Residual contamination in the soil associated with the UST removals was shown to be confined to the subject property in the immediate vicinity of the former UST locations. No unacceptable risk to human health and the environment is present due to any residual contamination remaining in the ground from the removed USTs.
- The 6 yds³ soil stockpile may be disposed of by thin spreading on site. Off site transport is not allowed unless the soils are disposed of at a facility permitted to accept petroleum contaminated soils or unless the soils are analyzed at a lab, and results show that no residual contamination above SMS guidelines is present.

Based on the above, the SMS is assigning this site a Site Management Activity Completed (SMAC) designation. This SMAC designation does not release you, Mr. Sprague, 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 November 1999 UST removals.

Please feel free to call with any questions.

Sincerely,



George Desch, P.E.

Chief, Sites Management Section

CC: Doug Hagggett, 7523 Vt Rt 14, Brookfield, Vt 05036
Brookfield Selectboard
Brookfield Health Officer
DEC Regional Office (via electronic mail)
Jeff Kelley, Consulting Geologist (via electronic mail)

Site Management Activity Completed (SMAC) Checklist

Site Number: 99-2718

Site Name: former Martin's Garage

	Criteria	Yes	No	N/A
1.	The source(s), nature and extent has been adequately defined.	X		
2.	Source(s) has been removed, remediated or adequately contained.	X		
3.	Levels of contaminants shall be stable, falling, or non-detectable as measured over a reasonable period of time.	X		
4.	a. Groundwater enforcement standards are met at entire property.			X
	b. Groundwater enforcement standards are met at compliance point(s).			X
	1. Identify compliance point(s):			X
	2. Land record notice for residual contamination?			X
5.	a. Soil compliance/exposure points are met...	X		
	if not,			X
	b. engineering or institutional controls are in place.			X
	c. Land record notice for residual contamination?			X
6.	No unacceptable threat to human health or the environment exists onsite.	X		
7.	Monitoring wells have been properly closed...			X
	Operation/maintenance plan in place?			X
8.	Site meets RCRA requirements.	X		
9.	Site meets CERCLA requirements.	X		
10.	Outstanding balances paid to satisfaction of WMD?	X		

Comments: Groundwater not encountered during 11/1999 UST removal; maximum depth, 16'. 6 yd³ soil stockpile. No further work required except stockpile management. 2/2005 stockpile tested clean by PID.

Signature: 

Date: 2/23/05