

MARIN

ENVIRONMENTAL

SCIENTISTS
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GIS SPECIALISTS

28 December 2001

Mr. Marcel Locke
Parkview Garage
P.O. Box 115
Orleans, VT 05860

*Re: November, 2001 Semi-Annual Soil Stockpile Monitoring
Parkview Garage, Barton, Vermont (VT DEC Site # 96-2082)*

Dear Mr. Locke:

On 9 November 2001, Marin Environmental, Inc. (Marin) completed semi-annual monitoring of the petroleum contaminated-soil stockpile related to the above-referenced site (Figure 1). The soil stockpile is located at Parkview Garage on Route 5 in Barton, Vermont. The soil pile is from underground storage tank (UST) removal activities conducted in the fall of 1996 and is approximately 80 cubic yards in size.

The monitoring results indicate that contaminant levels in the stockpile have dropped to levels suitable for thin-spreading (Figure 2). Photoionization detector (PID) readings ranged from 0.0 to 0.2 parts per million (ppm) (Figure 1). The Vermont Department of Environmental Conservation (VT DEC) requires that semi-annual monitoring continue until contaminant levels, based on PID readings, have decreased to below 1.0 ppm. Because the most recent monitoring results were less than 1.0 ppm, Marin recommends that the soils be thin spread at the site in Spring of 2002 upon approval from the Waste Management Division (WMD).

Contaminant concentrations were measured using a PID on a total of eight samples collected from the soil pile. Soils were collected from between 0.0 and 4.0 feet below the surface. Each sample was placed into a polyethylene bag, which was sealed, agitated, and allowed to equilibrate prior to headspace screening. Head-space vapor concentrations were measured using a PE Photovac model 2020 portable PID. The PID was calibrated at the site on the day the measurements were obtained with isobutylene to a benzene reference.

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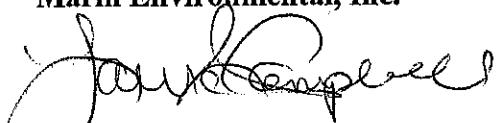
Mr. Marcel Locke
Parkview Garage, Bradford, VT (VT DEC #96-2082)

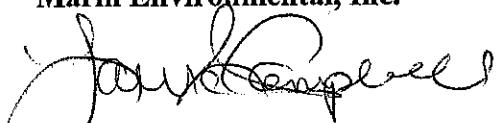
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Marin appreciates the opportunity to assist you on this project. Please call me if you have any questions or comments.

Sincerely,
Marin Environmental, Inc.



cc: 
Jaymi Cleland
Environmental Geologist

jc/960090113

Enclosure

cc: John Schmeltzer, VT DEC

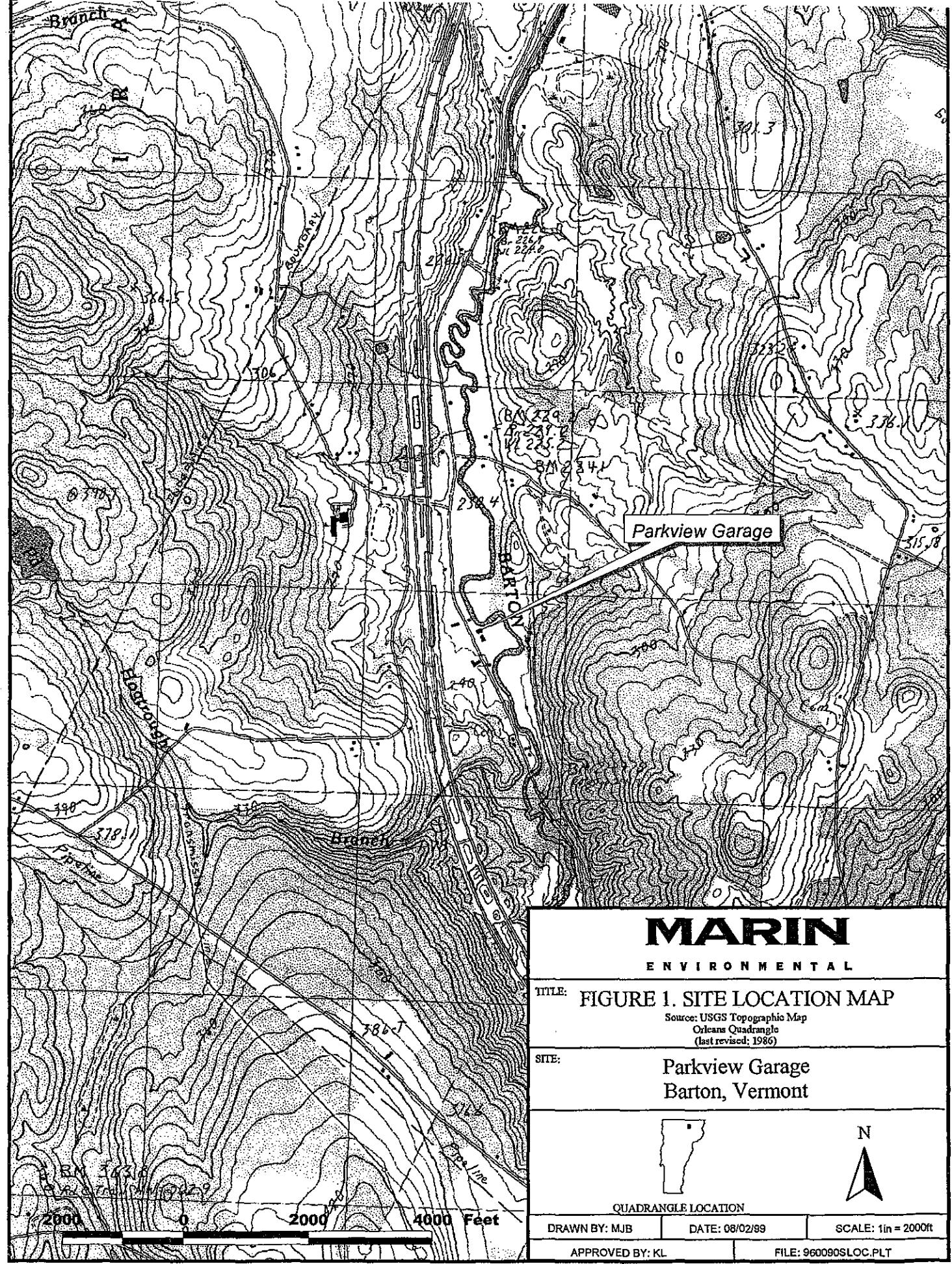
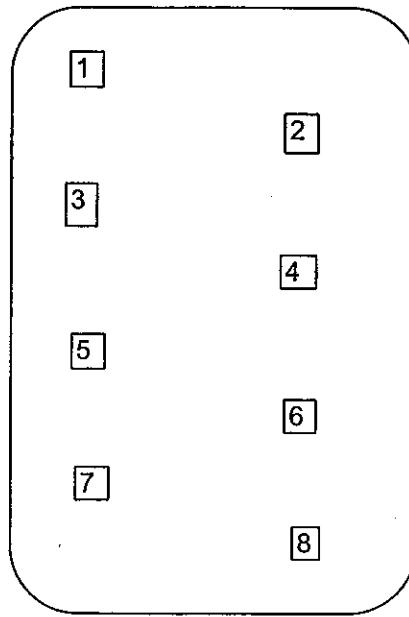


Figure 2
Soil Stockpile Sampling Locations and PID Readings

Parkview Garage
Barton, VT

Monitoring Date: 9 November, 2001



Note: Figure not to scale
All locations are approximate

Sample	Depth (feet)	PID (ppm)
1	0-4	0.0
2	0-4	0.0
3	0-4	0.0
4	0-4	0.2
5	0-4	0.2
6	0-4	0.0
7	0-4	0.0
8	0-4	0.0
	Average	0.1