JUN 1 5 1995

GRIFFIN INTERNATIONAL INC

June 14, 1995

Mr. Richard Spiese
State of Vermont
Department of Environmental Conservation
Hazardous Materials Management Division
103 South Main Street
Waterbury, Vermont 05671-0404

RE: First semi-annual soil screening at McCaffrey's Sunoco (VTDEC Site #94-1698)

Dear Mr. Spiese:

On April 24, 1995, Griffin screened the petroleum contaminated soil which is stockpiled on-site near the north end of the Sunoco building. Screening was accomplished by collecting ten representative soil samples from the pile and measuring volatile organic compound (VOC) concentrations using an HNU portable photoionization device (PID). The samples were collected using a hand auger.

The stockpile consists of approximately 35 cubic yards of soil and is covered with black plastic. On the day of Griffin's site visit, the plastic was found to be in good condition. The background PID reading at the time of screening was 0.2 parts per million (ppm). The results of this screening event were as follows:

Sample	Depth (feet)	PID Reading (ppm)
1	4.0	0.5
2	2.5	0.6
3	3.0	0.5
4	4.0	2.5
5	2.0	1.1
6	2.5	4.1
7	2.0	1.2
8	2.0	1.5
9	2.0	0.5
10	3.0	0.8

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A slight petroleum odor was observed in only two of the above soil samples (Samples #4 and #6). The maximum PID reading was 4.1 ppm and the average was 1.3 ppm.

Based on these results, Griffin recommends that the soil pile remain polyencapsulated on-site. The pile should be screened again in October of 1995.

If you have any questions regarding this screening event, please call.

Sincerely,

Kevin McGraw

Kevin McGraw
Hydrogeologist

cc: Mr. Richard Vogel, McCaffrey's Sunoco

GRIFFIN INTERNATIONAL INC

JAN 19 10 26 AM '96
HAZARDOUS MATERIALS MANAGEMENT DIVISION

January 17, 1996

Mr. Richard Spiese
State of Vermont
Department of Environmental Conservation
Hazardous Materials Management Division
103 South Main Street
Waterbury, Vermont 05671-0404

RE: Second semi-annual soil screening at McCaffrey's Sunoco (VTDEC Site #94-1698)

Dear Mr. Spiese:

On November 3, 1995, Griffin International, Inc. (Griffin) screened the petroleum contaminated soil which is stockpiled on-site near the north end of the Sunoco building per the approved work plan dated November 7, 1994. Screening was accomplished by collecting eight representative soil samples from the pile and measuring volatile organic compound (VOC) concentrations using an HNU portable photoionization device (PID). The samples were collected using a hand auger.

The stockpile consists of approximately 35 cubic yards of soil and is covered with black plastic. On the day of Griffin's site visit, the plastic was found to be in good condition. The background PID reading at the time of screening was 0.0 parts per million (ppm). The results of this screening event were as follows:

Sample	Depth (feet)	PID Reading (ppm)
1	2.0	0.0
2	2.0	0.0
3	2.0	0.0
4	3.0	0.0
5	2.0	0.0
6	2.0	0.0
7	1.0	2.9
8	1.0	0.0

VOCs were detected in only one soil sample (#7) at 2.9 ppm.

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Based on these results, we recommend that the soil pile remain polyencapsulated on-site. The pile should be screened again in May of 1996.

If you have any questions regarding this screening event, please call.

Sincerely,

Kevin McGraw
Hydrogeologist

cc: Mr. Richard Vogel, McCaffrey's Sunoco

(1698)

GRIFFIN INTERNATIONAL INC

JUL 3 10 29 AM '96

July 1, 1996

Mr. Richard Spiese
State of Vermont
Department of Environmental Conservation
Waste Management Division
103 South Main Street
Waterbury, Vermont 05671-0404

RE: Third semi-annual soil screening at McCaffrey's Sunoco (VTDEC Site #94-1698)

Dear Mr. Spiese:

On May 28, 1996, Griffin International, Inc. (Griffin) screened the petroleum contaminated soil which is stockpiled on-site near the north end of the Sunoco building per the approved work plan dated November 7, 1994. Screening was accomplished by collecting ten representative soil samples from the pile and measuring volatile organic compound (VOC) concentrations using an HNU portable photoionization device (PID). The samples were collected using a hand auger.

The stockpile consists of approximately 35 cubic yards of soil and is covered with black plastic. The background PID reading at the time of screening was 0.8 parts per million (ppm). The results of this screening event were as follows:

Sample	PID Reading (ppm)
1	0.6
2	0.6
3	0.8
4	1.2
5	0.8
6	0.8
7	0.8
8	1.4
9	1.0
10	1.0

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The average PID reading for the ten soil samples collected is 0.9 ppm, slightly elevated as compared with background levels measured at the site. In addition, there was no olfactory or visual evidence of contamination in any of the soils stockpiled at the site.

Based on these results, it appears that monitoring of the soil pile may be discontinued. The present owner of the facility has expressed an interest in removing the pile from the property. Prior to moving the soils off-site for spreading, a composite soil sample should be collected and analyzed for volatile organic compounds (VOCs) by EPA Method 8020 and Total Petroleum Hydrocarbons (TPH) by EPA Method 8015. If the results of these analyses indicate that all petroleum compounds are within established guidelines, the soils may then be moved off-site.

If you have any questions regarding this screening event, please call.

Sincerely,

Kevin McGraw
Hydrogeologist

cc: Mr. Richard Vogel, McCaffrey's Sunoco