

OCT 01 2001



September 28, 2001

Ms. Vickie Haskins (802) 867-5741  
1791 Route 30  
Dorset, Vermont 05251

Re: Results of Soil Screening and Laboratory Testing of Off-site Soil Stockpile, South Dorset General Store, Vermont DEC Site #95-1914

Dear Ms. Haskins:

Pursuant to Griffin's work plan and cost estimate dated September 20, 2001 (authorized by yourself on September 20, 2001), Griffin herein presents the methodology and results of soil screening performed on the referenced off-site soil stockpile, which was located at the Dorr Gravel Pit in East Dorset, Vermont on September 24, 2001.

Griffin's work plan specified field screening, laboratory testing and preparation of a summary letter in regard to the approximately 35 cubic yard soil pile that was produced during the 1995 removal of underground storage tanks (USTs) at the South Dorset General Store in South Dorset, Vermont. This work was completed by Griffin, and the results indicated no detectable petroleum contamination remains in the off-site stockpiled soils.

#### **METHODOLOGY AND RESULTS**

Griffin visited the Dorr Gravel pit on September 24, 2001. The location of the soil pile was pointed out by the on-site representative. On that date Griffin used a hand auger to bore to the center of the pile in 8 locations to collect soil samples. Each sample was field-screened for volatile organic compounds (VOCs) with a properly-calibrated portable photoionization detector (PID) according to Department of Environmental Conservation (DEC) and Griffin protocols. A soil pile sketch and results of field screening are attached.

The field screening indicated that all field screening measurements were below 1 ppm, and no visual or odor evidence of contamination was detected. Consequently, in accord with DEC requirements for this site, a soil sample was collected for laboratory analysis of VOCs via EPA Method 8021B and for total petroleum hydrocarbons (TPH) via EPA Method 8015GRO. The sample was submitted to Endyne, Inc. Laboratory Services of Williston, Vermont for analysis.

The laboratory data was received on September 28, 2001, and the laboratory results (attached) indicate that no petroleum hydrocarbons nor VOCs were reported at concentrations above detection limits.



**ENDYNE, INC.**

Laboratory Services

160 James Brown Drive  
Williston, Vermont 05495  
(802) 879-4333  
FAX 879-7103

LABORATORY REPORT

CLIENT: Griffin International  
PROJECT: Dorr Gravel Pit/90141831  
REPORT DATE: September 28, 2001

ORDER ID: 14533  
DATE RECEIVED: September 25, 2001  
SAMPLER: MD  
ANALYST: 725

Ref. Number: 181515

Site: SS #1

Date Sampled: September 24, 2001 Time: 11:17 AM

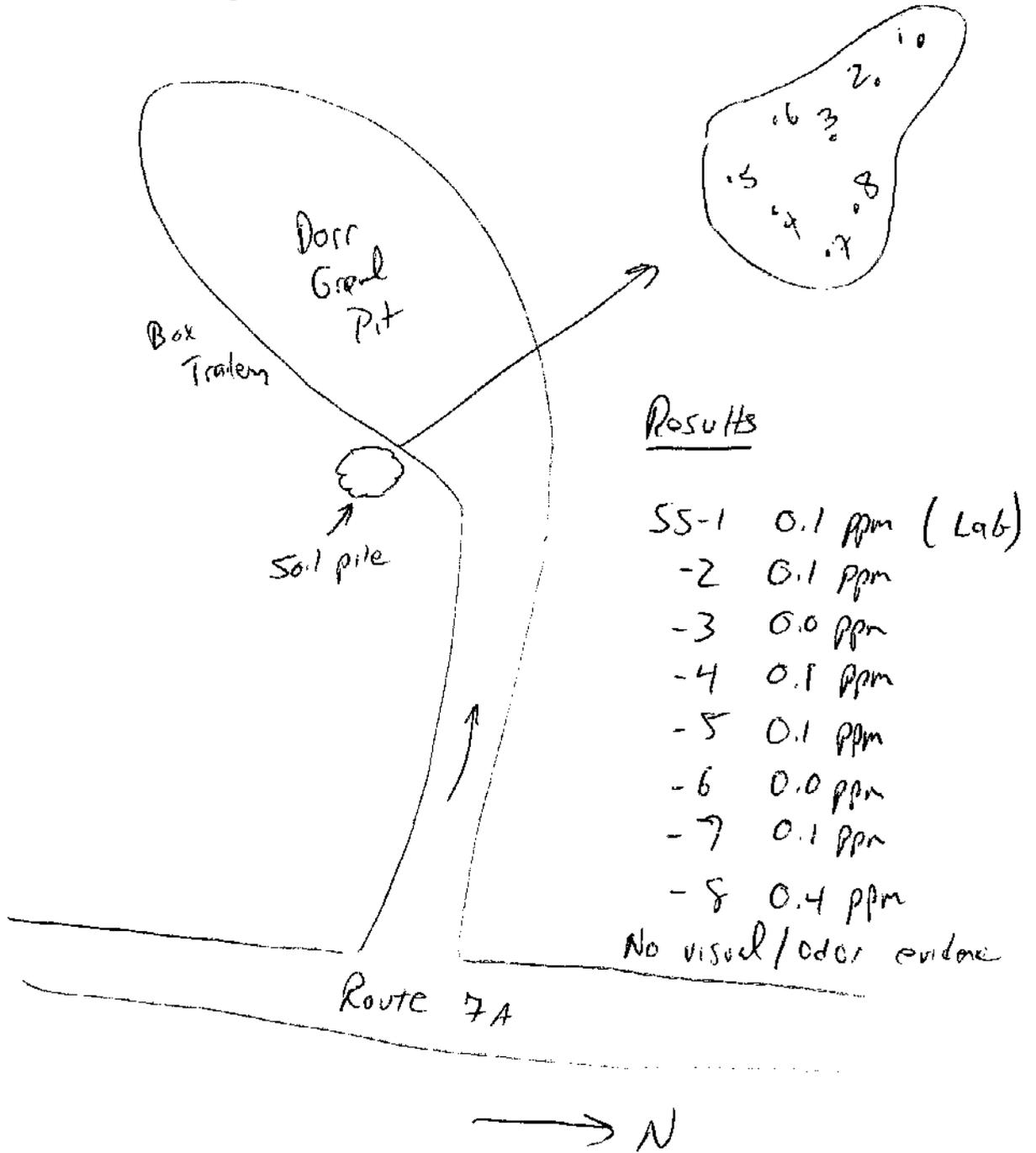
<u>Parameter</u>	<u>Result</u>	<u>Unit</u>	<u>Method</u>	<u>Analysis Date</u>
MTBE	< 20.0	ug/Kg, dry	SW 8260	9/26/01
Benzene	< 10.0	ug/Kg, dry	SW 8260	9/26/01
Toluene	< 10.0	ug/Kg, dry	SW 8260	9/26/01
Ethylbenzene	< 10.0	ug/Kg, dry	SW 8260	9/26/01
Xylenes, Total	< 20.0	ug/Kg, dry	SW 8260	9/26/01
1,3,5 Trimethyl Benzene	< 10.0	ug/Kg, dry	SW 8260	9/26/01
1,2,4 Trimethyl Benzene	< 10.0	ug/Kg, dry	SW 8260	9/26/01
Naphthalene	< 20.0	ug/Kg, dry	SW 8260	9/26/01
UIP's	0.		SW 8260	9/26/01
Surrogate 1	85.	%	SW 8260	9/26/01
Percent Solid	96.	%	SW 8260	9/26/01



19 Commerce Street  
P.O. Box 943  
Williston, VT 05495  
Ph/Fax (802) 865-4288  
E-mail: griffint@together.net

JOB 90141831  
SHEET NO. 1 OF 1  
CALCULATED BY Az DATE 5/28/01  
CHECKED BY \_\_\_\_\_ DATE \_\_\_\_\_  
SCALE \_\_\_\_\_

### Soil Pile Sketch



### Results

SS-1	0.1 ppm	(Lab)
-2	0.1 ppm	
-3	0.0 ppm	
-4	0.1 ppm	
-5	0.1 ppm	
-6	0.0 ppm	
-7	0.1 ppm	
-8	0.4 ppm	

No visual/odor evidence