Surficial Soil Sampling
641 Scofieldtown Road
Stamford, CT

October 13, 2009

Prepared for:

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Facility Director
Stamford Public Schools
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Stratford, CT 06615

Signature page

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641 Scofieldtown Road
Stamford, CT

This report was prepared and reviewed by

Dennis R. Mac Caskie
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Geological Services Manager

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I. INTRODUCTION

This report summarizes the results of sampling surficial soils at 641 Scofieldtown Road, Stamford, CT, undertaken by AMC Environmental. As with all similar investigations, the purpose of the investigation is to determine whether releases of contaminants have occurred at the site.

A. Investigative Strategy

AMC's investigative strategy is a modified focused soil sampling strategy. In this type of strategy, the AECs are known and soil samples are collected from within the AECs; however, within each AEC, there may be insufficient knowledge available to predict the most likely location at which to find contaminated soil. Additionally, the presence of aboveground or underground structures may limit AMC's ability to install test borings at will. Furthermore, very few clients can afford to install borings on a grid. Thus, sampling within each AEC is random and unbiased, but subject to the physical restrictions of the site. On this site, the areas most frequented by students (baseball field, area immediately south of the building, soccer field) were emphasized.

Soil samples collected to demonstrate the presence or absence of a release are traditionally collected from the horizon believed most likely to contain detectable contaminants (the MLCH). The MLCH is determined at the beginning of the investigation by knowledge of the potential release mechanisms. Common MLCHs are:

Table 1. Most Likely Contaminated Horizons.	
Type of AEC	MLCH, feet
UST failure	base of UST if known, or 8'-10'
Piping	base of piping if known, or 3'-5'
dry well	base of dry well if known, or 6'-8'
buried wastes	waste horizon
hydraulic vehicle lift	base of hydraulic reservoir, if known, or 4'-5'
most other exterior AECs	0'-2'
most other interior AECs	immediately below building floor

Here, the MLCH was believed to be immediately beneath the surface.

B. Scope of Investigation

The scope of this investigation was to collect 15 surficial soil samples and analyze the samples for PCBs and pesticides.

C. Environmental Setting

Ground water at the site has been assigned to class GA. Class GA ground water is ground water which is presumed suitable for use as an existing private and potential public water supply, without prior treatment. It may be used as a supply of agricultural or industrial process water. Discharges permitted to waters of class GA are limited to treated domestic sewage, certain agricultural wastes, and certain wastewater treatment wastewaters.

D. Data Quality Objectives

1. Data Precision and Accuracy

Data precision and accuracy objectives are ±25% (relative).

2. Data Representativeness

Representativeness describes how relevant the data are to the actual environmental condition. Based on experience, AMC believes that soil samples are generally representative. Exceptions to this generalization are uncommon but are usually easy to recognize in the field, where the soils are visibly heterogeneous and (typically) it is difficult or impossible to correlate stratigraphic horizons. Establishing that soil data meet standards for representativeness is prohibitively expensive and generally unwarranted.

3. Data Comparability

Soil samples will be collected using industry-standard protocols, maintained at recommended temperatures for no more than the recommended holding times, and analyzed using EPA standard methods as specified in SW-846. The data are expected to be fully comparable to data generated in other projects.

II. HAND BORINGS

On September 28, 2009, AMC collected 15 surficial soil samples. The upper 3 inches of soil at most locations was brown sandy loam; samples for analysis were collected from beneath the loam and consisted of light brown coarse and medium sand with little fine gravel and trace silt. None of the samples had an unusual odor or were seen to contain anthropogenic debris (brick, ash, slag, coal, etc.).

Locations of sampling points were surveyed concurrently with installation, using a surveyor's total station (Topcon GTS-302). The total station combines laser geodimetry with digital measurement of angles and allows measurements of location and elevation which are exceptionally precise. The instrument is precise enough to meet or exceed standards for those incorporated in class A-2 or V-2 surveys.

Attaining the standards specified in class A-2 surveys for locations requires employing techniques which substantially increase the time required to complete the survey. AMC recognizes that virtually no environmental project requires that level of precision in locating points. Hence, we have employed several less accurate techniques which result in a considerable saving of time and still produce results accurate enough for all environmental purposes. We estimate that our locations are accurate to within a foot (laterally), and our elevations are accurate to within 0.01 feet.

III. LABORATORY ANALYSIS OF SOIL SAMPLES

A. Choice of Samples to be Analyzed

Samples were chosen for analysis based on evidence of contamination observed in the field, and on the location of the sample relative to potential sources of contamination and to other samples chosen for analysis.

B. Parameters Determined

Samples were analyzed for chlorinated pesticides and polychlorinated biphenyls (PCBs) using method 8082.

C. Results

Tables 2 to 3 give the analytical results.

Table 2. Pesticides.

Parameter	Res-DEC	GA-PMC	SS-1	SS-2	SS-3	SS-4	SS-5
units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Alachlor	7.7	0.23	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1
Aldrin	0.036	ne	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1
Atrazine	2.8	0.2	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1
Y-BHC-(Lindane)	ne	ne	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1
Chlordane	0.49	0.066	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1
Dieldrin	0.038	0.007	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02
Endrin	20	ne	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1
Heptachlor	0.14	0.013	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1
Heptachlor Epoxide	0.067	0.02	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05
Methoxychlor	340	0.8	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1
Toxaphene	0.56	0.33	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1
4,4'-DDT'	ne	ne	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1
4,4'-DDD'	ne	ne	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1
4,4'-DDE	1.8	ne	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1

Table 2 (cont'd.). Pesticides.							
Parameter	Res-DEC	GA-PMC	SS-6	SS-7	SS-8	SS-9	SS-10
units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Alachlor	7.7	0.23	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1
Aldrin	0.036	ne	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1
Atrazine	2.8	0.2	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1
Y-BHC-(Lindane)	ne	ne	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1
Chlordane	0.49	0.066	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1
Dieldrin	0.038	0.007	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02
Endrin	20	ne	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1
Heptachlor	0.14	0.013	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1
Heptachlor Epoxide	0.067	0.02	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05
Methoxychlor	340	0.8	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1
Toxaphene	0.56	0.33	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1
4,4'-DDT'	ne	ne	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1
4,4'-DDD'	ne	ne	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1
4,4'-DDE	1.8	ne	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1

Table 2 (cont'd.). Pesticides.							
Parameter	Res-DEC	GA-PMC	SS-11	SS-12	SS-13	SS-14	SS-15
units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Alachlor	7.7	0.23	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1
Aldrin	0.036	ne	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1
Atrazine	2.8	0.2	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1
Y-BHC-(Lindane)	ne	ne	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1
Chlordane	0.49	0.066	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1
Dieldrin	0.038	0.007	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02
Endrin	20	ne	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1
Heptachlor	0.14	0.013	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1
Heptachlor Epoxide	0.067	0.02	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05
Methoxychlor	340	0.8	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1
Toxaphene	0.56	0.33	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1
4,4'-DDT'	ne	ne	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1
4,4'-DDD'	ne	ne	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1
4,4'-DDE	1.8	ne	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1

Table 3. PCBs.	
Parameter	PCBs
units	mg/kg
Res-DEC	1
GA-PMC	ne
SS-1	ND<0.05
SS-2	ND<0.05
SS-3	ND<0.05
SS-4	ND<0.05
SS-5	ND<0.05
SS-6	ND<0.05
SS-7	ND<0.05
SS-8	ND<0.05
SS-9	ND<0.05
SS-10	ND<0.05
SS-11	ND<0.05
SS-12	ND<0.05
SS-13	ND<0.05
SS-14	ND<0.05
SS-15	ND<0.05

ND = not detected

IV. CONNECTICUT REGULATORY GUIDELINES

The CTDEP has established guidelines and substance-specific numerical criteria for remedial actions performed at "Establishment" sites, as defined in Sec. 22a-134 of the RCSA, and for sites undergoing voluntary remediation under Sec. 22a-133x or 133y. These standards are known as the Remediation Standard Regulations (RSRs, §22a-133k-1 through -3). Although the RSR criteria actually apply only to Establishments, they are the industry standard of comparison for all sites in Connecticut. AMC has compared the analytical results of soil samples to the criteria specified in the RSRs as guidance for determining which areas of contamination may require future remedial actions, additional assessment, or monitoring.

A. Direct Exposure Criteria

The Direct Exposure Criteria (DECs) are standards that protect human health. They are calculated under the assumption that residents or workers will accidentally ingest a small quantity of soil on a daily basis. The DECs are the concentrations below which no adverse affect to human health is expected. DECs apply to soil at depths shallower than 15 feet, and may not apply to soil beneath buildings or other permanent structures.

B. Pollutant Mobility Criteria

Groundwater is protected from contamination by comparing contaminant concentrations in soil with the Pollutant Mobility Criteria (PMCs). Because some substances dissolve with more difficulty than some others, it is necessary in some cases to perform an SPLP extraction on the soil sample. Metals and PCBs must be analyzed in SPLP extracts to compare their concentrations with the PMCs. VOCs may be compared directly, since VOCs are almost all moderately soluble. PMCs

apply to soil above the high or low water table, depending on the groundwater classification of the site (GA or GB, respectively).

C. Comparison of Analyzed Samples with Standards

None of the samples exceeded applicable standards.

V. CONCLUSIONS AND RECOMMENDATIONS

AMC has sampled surficial soils on the property located at 641 Scofieldtown Road, Stamford, Connecticut.

A. Data Gaps and DQOs

No data gaps are present in this investigation. The DOQs have been met.

B. Releases and Revised CSM

No evidence of a release of pesticides or PCBs has been detected.

C. Samples Exceeding Applicable Standards

None of the samples exceeded applicable standards.

D. Recommendations

No further investigation is recommended.

FIGURES

APPENDIX A

Laboratory Analytical Reports

Signature page

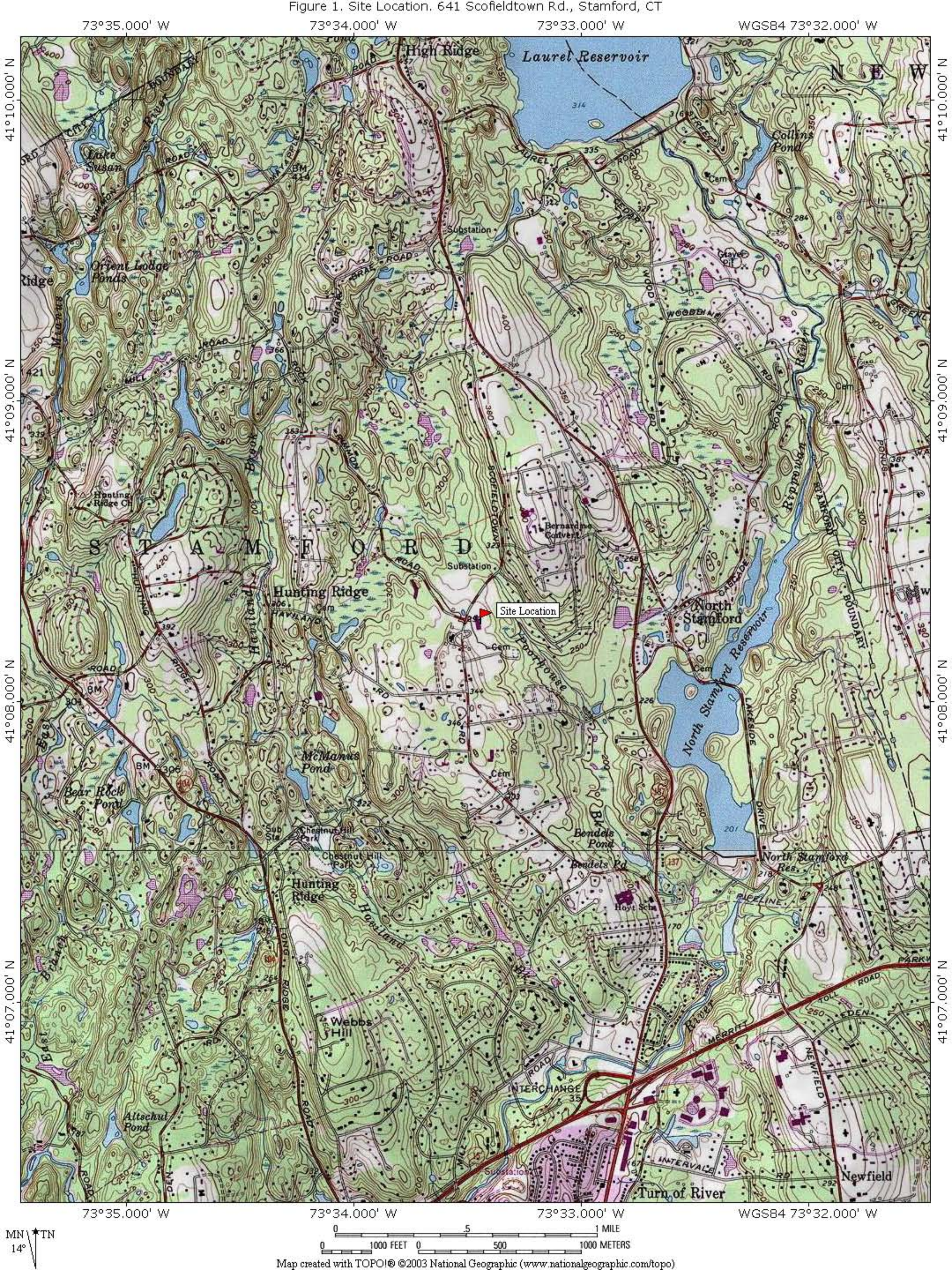
Surficial Soil Sampling
641 Scofieldtown Road
Stamford, CT

This report was prepared and reviewed by

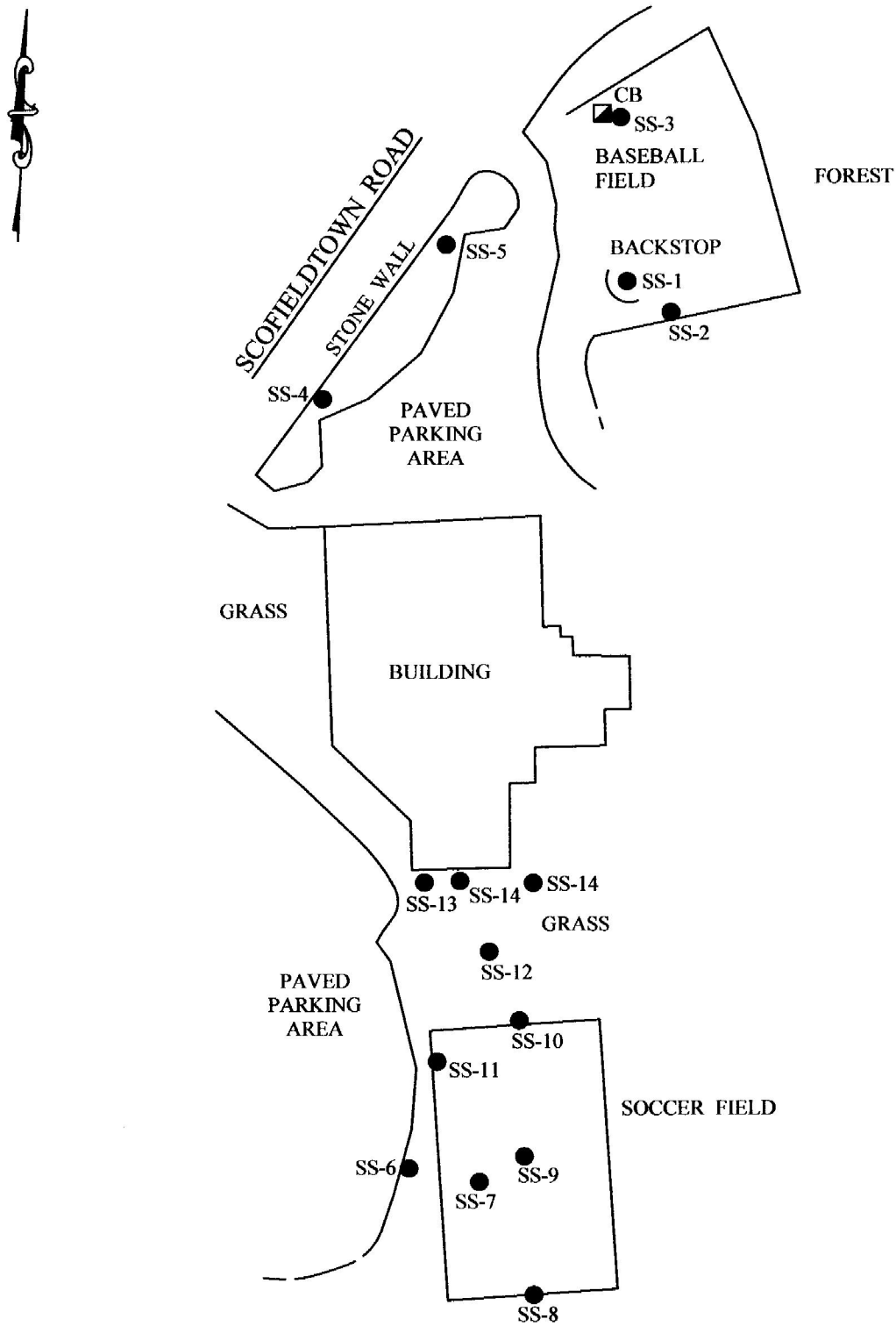
Dennis R. Mac Caskie
PhD, LEP, CHMM, CPG
Geological Services Manager

DRMacCaskie

Figure 1. Site Location. 641 Scofieldtown Rd., Stamford, CT



Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)



LEGEND

CB ◪ - CATCH BASIN

SS- ● - SOIL SAMPLE

GRAPHIC SCALE: 1" = 200'

200' 100' 0' 200'

SCALE: 1" = 200'	CHECKED BY:	DRAWN BY
DATE: 10-02-09	PROJECT NO.	REVISED
641 SCOFIELDTOWN ROAD STAMFORD, CONNECTICUT		
SOIL SAMPLE LOCATIONS		FIGURE NO. 2

C:\Scofieldtown Rd Stamford.dwg

Pesticides Analysis Report

TO: **Dennis MacCaskie, Ph.D.**
Cambrian Geological, LLC
339 Fish Rock Road
Southbury, CT 06488

Report Date: October 5, 2008
Sampled By: D. MacCaskie
Analyst: MFB (10/1/09)

RE: **Analysis of five soil samples collected 9/28/09; received 9/28/09**
Site Location: 651 Scofieldtown Rd., Stamford, CT

Earthwise ID #>>	19206	19207	19208	19209	19210		
Parameter	**SS-1**	**SS-2**	**SS-3**	**SS-4**	**SS-5**	**Units**	**Method**
Alachlor	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1	mg/kg	8081A
Aldrin	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1	mg/kg	8081A
Atrazine	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1	mg/kg	8081A
Y-BHC-(Lindane)	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1	mg/kg	8081A
Chlordane	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1	mg/kg	8081A
Dieldrin	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	mg/kg	8081A
Endrin	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1	mg/kg	8081A
Heptachlor	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1	mg/kg	8081A
Heptachlor Epoxide	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	mg/kg	8081A
Methoxychlor	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1	mg/kg	8081A
Toxaphene	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1	mg/kg	8081A
4,4'-DDT'	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1	mg/kg	8081A
4,4'-DDD'	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1	mg/kg	8081A
4,4'-DDE	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1	mg/kg	8081A

Please call if you have questions or require additional information.

Report Certified By:
Michael F. Berman, Ph.D._____.
Laboratory Director
CT Certification PH-0227

ND=Not Detected
mg/kg=parts per million

Pesticides Analysis Report

TO: **Dennis MacCaskie, Ph.D.**
Cambrian Geological, LLC
339 Fish Rock Road
Southbury, CT 06488

Report Date: October 5, 2008
Sampled By: D. MacCaskie
Analyst: MFB (10/1/09)

RE: **Analysis of five soil samples collected 9/28/09; received 9/28/09**
Site Location: 651 Scofieldtown Rd., Stamford, CT

Earthwise ID #>>	19211	19212	19213	19214	19215		
Parameter	**SS-6**	**SS-7**	**SS-8**	**SS-9**	**SS-10**	**Units**	**Method**
Alachlor	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1	mg/kg	8081A
Aldrin	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1	mg/kg	8081A
Atrazine	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1	mg/kg	8081A
Y-BHC-(Lindane)	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1	mg/kg	8081A
Chlordane	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1	mg/kg	8081A
Dieldrin	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	mg/kg	8081A
Endrin	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1	mg/kg	8081A
Heptachlor	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1	mg/kg	8081A
Heptachlor Epoxide	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	mg/kg	8081A
Methoxychlor	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1	mg/kg	8081A
Toxaphene	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1	mg/kg	8081A
4,4'-DDT'	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1	mg/kg	8081A
4,4'-DDD'	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1	mg/kg	8081A
4,4'-DDE	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1	mg/kg	8081A

Please call if you have questions or require additional information.

Report Certified By:
Michael F. Berman, Ph.D._____.
Laboratory Director
CT Certification PH-0227

ND=Not Detected
mg/kg=parts per million

Pesticides Analysis Report

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Cambrian Geological, LLC
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Report Date: October 5, 2008
Sampled By: D. MacCaskie
Analyst: MFB (10/1/09)

RE: **Analysis of five soil samples collected 9/28/09; received 9/28/09**
Site Location: 651 Scofieldtown Rd., Stamford, CT

Earthwise ID #>>	19216	19217	19218	19219	19220		
Parameter	**SS-11**	**SS-12**	**SS-13**	**SS-14**	**SS-15**	**Units**	**Method**
Alachlor	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1	mg/kg	8081A
Aldrin	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1	mg/kg	8081A
Atrazine	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1	mg/kg	8081A
Y-BHC-(Lindane)	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1	mg/kg	8081A
Chlordane	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1	mg/kg	8081A
Dieldrin	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	mg/kg	8081A
Endrin	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1	mg/kg	8081A
Heptachlor	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1	mg/kg	8081A
Heptachlor Epoxide	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	mg/kg	8081A
Methoxychlor	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1	mg/kg	8081A
Toxaphene	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1	mg/kg	8081A
4,4'-DDT'	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1	mg/kg	8081A
4,4'-DDD'	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1	mg/kg	8081A
4,4'-DDE	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.1	mg/kg	8081A

Please call if you have questions or require additional information.

Report Certified By:
Michael F. Berman, Ph.D._____.
Laboratory Director
CT Certification PH-0227

ND=Not Detected
mg/kg=parts per million

Polychlorinated Biphenyls-Analysis Report

TO: **Dennis MacCaskie, Ph.D.**
Cambrian Geological, LLC
339 Fish Rock Road
Southbury, CT 06488

Report Date: October 5, 2008
Sampled By: D. MacCaskie
Analyst: MFB (10/1/09)

RE: **Analysis of five soil samples collected 9/28/09; received 9/28/09**
Site Location: 651 Scofieldtown Rd., Stamford, CT

Earthwise ID#>>	19206	19207	19208	19209	19210		
Parameter	**SS-1**	**SS-2**	**SS-3**	**SS-4**	**SS-5**	**Units**	**Method**
PCB 1016	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	mg/kg	8082A
PCB 1221	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	mg/kg	8082A
PCB 1232	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	mg/kg	8082A
PCB 1242	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	mg/kg	8082A
PCB 1248	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	mg/kg	8082A
PCB 1254	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	mg/kg	8082A
PCB 1260	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	mg/kg	8082A
PCB 1262	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	mg/kg	8082A
PCB 1268	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	mg/kg	8082A
DCB QC % Rec.	91	94	97	96	90	%	8082A

Please call if you have any questions or require additional information.

Report Certified By:
Michael F. Berman, Ph.D._____.
Laboratory Director
CT Certification PH-0227

ND=Not Detected
mg/kg=parts per million

Polychlorinated Biphenyls-Analysis Report

TO: **Dennis MacCaskie, Ph.D.**
Cambrian Geological, LLC
339 Fish Rock Road
Southbury, CT 06488

Report Date: October 5, 2008
Sampled By: D. MacCaskie
Analyst: MFB (10/1/09)

RE: **Analysis of five soil samples collected 9/28/09; received 9/28/09**
Site Location: 651 Scofieldtown Rd., Stamford, CT

Earthwise ID#>>	19211	19212	19213	19214	19215		
Parameter	**SS-6**	**SS-7**	**SS-8**	**SS-9**	**SS-10**	**Units**	**Method**
PCB 1016	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	mg/kg	8082A
PCB 1221	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	mg/kg	8082A
PCB 1232	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	mg/kg	8082A
PCB 1242	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	mg/kg	8082A
PCB 1248	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	mg/kg	8082A
PCB 1254	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	mg/kg	8082A
PCB 1260	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	mg/kg	8082A
PCB 1262	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	mg/kg	8082A
PCB 1268	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	mg/kg	8082A
DCB QC % Rec.	89	88	88	91	94	%	8082A

Please call if you have any questions or require additional information.

Report Certified By:
Michael F. Berman, Ph.D._____.
Laboratory Director
CT Certification PH-0227

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mg/kg=parts per million

Polychlorinated Biphenyls-Analysis Report

TO: **Dennis MacCaskie, Ph.D.**
Cambrian Geological, LLC
339 Fish Rock Road
Southbury, CT 06488

Report Date: October 5, 2008
Sampled By: D. MacCaskie
Analyst: MFB (10/1/09)

RE: **Analysis of five soil samples collected 9/28/09; received 9/28/09**
Site Location: 651 Scofieldtown Rd., Stamford, CT

Earthwise ID#>>	19216	19217	19218	19219	19220		
Parameter	**SS-11**	**SS-12**	**SS-13**	**SS-14**	**SS-15**	**Units**	**Method**
PCB 1016	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	mg/kg	8082A
PCB 1221	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	mg/kg	8082A
PCB 1232	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	mg/kg	8082A
PCB 1242	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	mg/kg	8082A
PCB 1248	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	mg/kg	8082A
PCB 1254	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	mg/kg	8082A
PCB 1260	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	mg/kg	8082A
PCB 1262	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	mg/kg	8082A
PCB 1268	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	mg/kg	8082A
DCB QC % Rec.	90	94	94	94	90	%	8082A

Please call if you have any questions or require additional information.

Report Certified By:
Michael F. Berman, Ph.D._____.
Laboratory Director
CT Certification PH-0227

ND=Not Detected
mg/kg=parts per million