Shaw Environmental, Inc.

13 British American Boulevard
Latham, NY 12110-1405
Phone: 518.783.1996
Fax: 518.783.8397

DESIGN SOIL INVESTIGATION WORK PLAN

WEST BRANCH OF BLOODY BROOK
ONONDAGA COUNTY, NEW YORK

PROJECT NO. 129916

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Submitted to:

Jill Fonte
Environmental Engineer
Lockheed Martin Corporation
Electronics Park
Syracuse, New York

Submitted by:

Shaw Environmental, Inc.
13 British American Boulevard
Latham, New York

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1.0 INTRODUCTION

This Design Soil Investigation Work Plan (Work Plan) has been developed by Shaw Environmental, Inc. (Shaw) on behalf of Lockheed Martin Corporation (Lockheed Martin) and is being submitted to the New York State Department of Environmental Conservation (NYSDEC) for approval. This Work Plan describes the sample collection and analysis proposed to be completed for soil adjacent to the West Branch of Bloody Brook (WBBB) to facilitate completion of a remedial design. For the purposes of this Work Plan, the site is defined as that portion of the WBBB and the surrounding area commencing on the southern boundary of the New York State Thruway (Thruway) and ending at Onondaga Lake Parkway.[1] A site location map has been included as **Figure 1**. This Work Plan has been prepared based on sampling that has been conducted at the site by Lockheed Martin, NYSDEC, and Onondaga County between 1994 and 2008. The sampling activities will be performed pursuant to a Voluntary Cleanup Agreement (VCA) between Lockheed Martin and NYSDEC (Index #: D7-0001-01-09, effective July 20, 2002).

[1] The term "site" in the VCA is defined as: a portion of the banks, surface waters and sediments of the West and Middle Branches of Bloody Brook located in the Town of Salina, which commences downstream of Interstate 90, the New York State Thruway, and which extends generally southward past the confluence of the West Branch and the Middle Branch of Bloody Brook, and ends on the upstream side of Onondaga Lake Parkway. After examining data developed during remedial investigation work in the Middle Branch, NYSDEC determined that no further action was required for that branch of Bloody Brook. For this reason, the term "site" in this Work Plan relates only to those areas within the VCA Site where the remedial program continues to be implemented and remedial action is expected to be proposed.

2.0 SOIL SAMPLING AND ANALYSIS PLAN

The objective of this design soil investigation is to continue to characterize the soil found at the site by delineating the extent of cadmium-impacted soil along the WBBB and will be achieved by employing a flexible analysis approach. At certain locations, soil samples will be collected and held at the laboratory and only analyzed depending on the results of other samples. If analysis of held samples is determined to be necessary, the analysis will be performed within laboratory and analytical procedure holding times.

This section of the Work Plan summarizes the proposed sample locations, depths, collection methods, and analysis approach. The location, number, and depth of soil samples are subject to change based on observations and physical conditions encountered during the sampling activities and the ability for sampling personnel to safely collect a sample. The sampling and analysis plan is presented using the three areas (i.e., wooded area, residential/apartment complex area, and commercial/light industrial area) that make up the site as shown on **Figure 2**. The sample locations summarized below are shown on **Figures 4A, 4B, and 4C**. The analytical results associated with existing sample locations shown on the figures are presented in **Table 1.** The proposed sample locations in the wooded area, residential/apartment complex area and commercial/light industrial area are presented in **Tables 2A, 2B, and 2C**. The information found on **Tables 2A, 2B, and 2C** corresponds to the sample locations found on **Figures 4A, 4B, and 4C**, respectively.

2.1 Wooded Area Proposed Sampling and Analysis

In the wooded area, 15 samples from five locations will be collected and analyzed for cadmium. At each proposed location, a sample will be collected from depth intervals of 0 to 6 inches, 6 to 12 inches, and 1 to 2 feet with a hand auger, and all 15 samples will be analyzed for cadmium using United States Environmental Protection Agency (USEPA) SW-846 Method 6010B. The sample locations proposed to be collected from the wooded area are shown on **Figure 4A** and the proposed sample depth intervals, analysis approaches, and collection methods are identified in **Table 2A**.

2.2 Residential/Apartment Complex Area Proposed Sampling and Analysis

For the residential/apartment complex area, 707 samples from 151 locations will be collected from within and adjacent to this area, and submitted to a laboratory. The proposed sample locations are shown on **Figures 4A and 4B**. At each proposed location, a sample will be

collected from each 1 foot depth interval starting from the ground surface to the bottom of each boring. The end depth proposed at the sample locations in this area were determined from site specific information (e.g., lithology, current location of brook, historical location of brook, and existing analytical results) and vary from 2 feet to 16 feet below ground surface. For borings that extend greater than 4 feet below ground surface in this area, the bottom depth will depend upon the lithology observed at each location during sample collection. Previous soil sampling at the site indicated the presence of a clay unit located beneath the elevation of the bottom of the WBBB. Laboratory analytical results indicate that cadmium concentrations in samples from this clay unit generally decrease. Borings will be advanced to a depth of approximately 1 foot into the clay layer or to the proposed sampling depth, whichever of these is encountered first during advancement of the boring.

Following sample collection, select samples will be sent to the laboratory and analyzed for cadmium, and other samples will be sent to the laboratory to be held for possible future analysis depending on the results of other samples. The analysis approach along with the proposed sample depth intervals and collection methods for each sample located in the residential/apartment complex area is summarized on **Tables 2A and 2B**. All samples that are analyzed will be analyzed for cadmium using USEPA SW-846 Method 6010B.

2.3 Commercial/Light Industrial Area Proposed Sampling and Analysis

In the commercial/light industrial area, 18 samples from three locations will be collected and analyzed for cadmium. At each proposed location, a sample will be collected from 1 foot depth intervals using a turf wheel-mounted Geoprobe starting from the ground surface to a depth of 6 feet below ground surface. All 18 samples will be analyzed for cadmium using USEPA SW-846 Method 6010B. The sample locations proposed to be collected from the commercial/light industrial area are shown on **Figure 4C** and the proposed sample depth intervals, analysis approaches, and collection methods are identified in **Table 2C**.

3.0 SAMPLING METHODOLOGIES

This section provides information specific to the actual field methods that will be employed in support of the design soil investigation. Physical sample collection methods (**Section 3.1**), equipment decontamination (**Section 3.2**), ground surface restoration (**Section 3.3**), sample packaging (**Section 3.4**), analytical protocols (**Section 3.5**), quality control sample collection (**Section 3.6**), and data validation (**Section 3.7**) will be discussed in this section.

3.1 Sample Collection

Two sampling methodologies will be employed in support of the design soil investigation. The selection of the most optimal sampling method will depend on the physical characteristics of the sampling location (e.g., access, surface cover, surface slope) and the desired total depth of the boring. Sampling activities will be performed between the hours of 8:00 am and 5:00 pm, and every effort will be made to minimize any inconvenience (e.g., noise) to residents of the area. Sampling documentation will consist of detailed notes made during sampling activities that include recording of sample locations, sample depth, and site conditions (e.g., weather). These notes will be recorded in a field notebook. Below is a description of each of the sampling methodologies which will be considered for each of the boring locations.

3.1.1 Hand Auger Sample Collection

A stainless steel hand auger will be used at locations where samples will be collected at depths up to 4 feet below ground surface. The soil collected from each advancement of the hand auger will be thoroughly mixed prior to placement in laboratory supplied sample containers. Physical observations of the soil will be made for each interval removed with the hand auger. The samples will be collected and handled using new, disposable nitrile gloves or a decontaminated stainless steel spoon. The hand auger will be decontaminated, and each of the borings will be abandoned with the excess soil.

3.1.2 Geoprobe Sample Collection

In all areas with sufficient access, a turf wheel-mounted Geoprobe will be used at locations where samples will be collected from depths of 4 feet below ground surface or greater. The Geoprobe will be used to drive the sampling tools into the formation to facilitate the soil sample collection. The soil samples will be collected in disposable two-foot acetate sleeves. These sleeves will be removed from the sampling equipment and cut open to expose the soil sample.

The sample will then be split into 1 foot intervals and thoroughly mixed prior to placement in laboratory supplied sample containers. The samples will be collected and handled using new, disposable nitrile gloves or a decontaminated stainless steel spoon. All down hole equipment will be decontaminated, and each of the borings will be abandoned with the excess soil.

3.2 Equipment Decontamination

Field decontamination will be minimized to the extent practical by using disposable equipment or pre-cleaned stainless steel spoons. However, as necessary, reusable sampling equipment will be decontaminated before use. The decontamination procedure will consist of a wash with a phosphate-fee detergent and potable water and a potable water rinse, followed by a 10% nitric acid rinse, and a final distilled water rinse. The decontaminated equipment will be allowed to air dry and will then be placed in a plastic bag or wrapped in aluminum foil to keep the equipment clean.

3.3 Ground Surface Restoration

All efforts will be made to limit the amount of surficial disturbance (e.g., tread marks/ruts) potentially caused by the turf wheel-mounted Geoprobe. Any rutted areas will be repaired with topsoil and grass seed following the completion of the field activities. If large areas require restoration, appropriate measures (i.e., hay bales) will be implemented to ensure that the work does not cause increased erosion.

3.4 Sample Packaging

Sample containers will be pre-cleaned by the laboratory and pre-labeled by the field representative. Sample containers will be packaged in protective coverings, and the sample custodians will handle the sample containers to minimize the potential for container breakage. Samples will be kept in a cooler with ice and will be delivered to the laboratory under proper chain of custody.

3.5 Analytical Protocols

All samples collected pursuant to this Work Plan will be analyzed by a New York State Department of Health (NYSDOH) Environmental Laboratory Accreditation Program (ELAP) certified laboratory. The laboratory will provide a NYSDEC Analytical Service Protocol (ASP) Category B deliverable data package to allow for data validation.

To support the future validation data needs, quality control samples (blind field duplicate, matrix spike, and matrix spike duplicate samples) will be collected in the field and will be analyzed by the laboratory.

3.6 Quality Control Sample Collection

Quality control samples will be collected to provide necessary data for future validation of the laboratory data, if required. Blind field duplicate, matrix spike, and matrix spike duplicate samples will be collected at a frequency of 1 for each 20 samples collected.

Based on the quantity of proposed samples to be collected (i.e., 740 samples), approximately 37 blind field duplicate, matrix spike, and matrix spike duplicate samples will be collected at locations to be determined in the field. Blind field duplicate samples will be created by collecting double volume for a sample location then splitting the sample volume between two sample containers to be used for the sample and the blind field duplicate sample. The matrix spike and matrix spike duplicate samples will be created by providing triple sample volume for a sample location then splitting the sample volume into three sample containers to be used for the sample, matrix spike sample, and matrix spike duplicate sample.

3.7 Data Validation

The laboratory will provide a NYSDEC ASP Category B deliverable data package in order to allow for data validation. Copies of the laboratory reports will be forwarded to a third party data validator. The data validator will review the project quality control samples, holding times, and laboratory precision. A validation report will be obtained for each laboratory analytical report.

4.0 Green and Sustainable Remediation

As summarized in this section, the implementation of green and sustainable practices has been considered in the development of this Work Plan and will be utilized during the investigation activities. Energy consumption will be minimized and fewer pollutants and green house gases will be emitted during sample collection with the use of an all terrain vehicle turf wheel-mounted Geoprobe verses a full size Geoprobe and, where possible, using a hand augur. The use of the less intrusive sampling equipment will also minimize disruption to the environment by preventing unintended impacts to the groundcover and soil (e.g., minimize damage to groundcover and erosion of soil). In addition, vehicle idling will be reduced with the requirement that all vehicles and equipment will be shut off when not in use for more than 5 minutes. Mobilization and demobilization to and from the site by all field personnel will be minimized, and car pooling will be used when feasible. Material management and waste reduction practices will be implemented for the project. For example, paper usage and disposal/recycling will be minimized by requesting that all analytical data and analytical reports be delivered in an electronic format.

5.0 CONTINGENCY PLAN

This section of the Work Plan has been developed to identify steps that will be taken in response to events that may reasonably occur during this work. These events include weather conditions, sample refusal or limited sample recovery, sample analysis, access, other investigation considerations, and projects of other parties.

5.1 Weather Conditions

During heavy rainfall events, certain sampling points will not be accessible. Therefore, to protect the safety of sampling personnel, work activities will be cancelled on days where forecasts predict significant rainfall. Work will resume when the rain event stops. In addition, in the event that rainfall conditions result in restricted access to sampling locations (as determined in the field), work activities will be suspended until conditions improve. Similar work restrictions will apply during periods of heavy snowfall, and work will not be scheduled during periods of snow cover.

5.2 Sampler Refusal or Limited Sample Recovery

In the event that sampling equipment cannot penetrate the subsurface at the designated sampling location, or where limited sample recovery will affect data collection, additional efforts will be made to advance the sampler within the same general location as that proposed in this Work Plan. In the event of refusal, limited sample recovery, or the presence of obstructions, Lockheed Martin will not collect the sample and will document the reason for not collecting it.

5.3 Access

The design soil sampling described herein will be conducted within the maintenance easements granted to Onondaga County and through the consents of private property owners. Lockheed Martin and Onondaga County have an access agreement to perform activities within the Bloody Brook Drainage District easement. However, several sampling locations are located outside of the maintenance easements granted to Onondaga County. Lockheed Martin will attempt to obtain access for the collection of soil samples at those locations.

If access to complete the scope of investigations described herein is denied, Lockheed Martin will consult with the NYSDEC regarding potential relocation of any affected sampling location(s). If relocation is not an option, Lockheed Martin will engage in discussions regarding

access with the property owner(s) and may collect the sample(s) at a later date. If these discussions are unsuccessful, Lockheed Martin will notify the NYSDEC in accordance with paragraph XIV.C. of the VCA for assistance in obtaining access.

6.0 SCHEDULE AND REPORTING

Upon NYSDEC approval of this Work Plan, implementation of the design soil investigation will begin. Within 30 days of approval, Lockheed Martin will begin organizing the field team as well as begin contacting private property owners to gain access for sampling activities. It is unknown how long it will take to obtain access; however, once access has been granted, Lockheed Martin anticipates that sampling activities will take approximately 7 weeks to complete. Lockheed Martin will verbally communicate progress, schedule and potential access issues to the NYSDEC Project Manager and summarize the activities in the monthly project progress reports. Once all the sampling results are available from the laboratory (approximately 2 weeks following the last sample collected), the laboratory data package will be forwarded for data validation. Following receipt of the data validation report(s), Lockheed Martin will develop and provide to NYSDEC a report including a table and a figure summarizing all of the design soil investigation results. In addition, Lockheed Martin will provide to each property owner the design soil investigation results from their property including a table and figure summarizing those results.

TABLES

Table 1
Summary of Soil Lithology and Analytical Data
Design Soil Investigation Work Plan
West Branch of Bloody Brook
Bloody Brook Voluntary Cleanup Program
Onondaga County, New York

Boring ID	Sampling Interval	Analyte	Brook Elevation (ft)	Sample Elevation (ft)	Sample Relation to Brook Level	General Lithology	Collection Date	Result (mg/kg)
B-1	0' - 2.5'	Cadmium	---	---	---	---	11/25/2003	1.5
	2.5' - 12'	Cadmium	---	---	---	---	11/25/2003	<0.63
B-2	7' -8'	Cadmium	---	---	---	---	11/25/2003	<0.59
B-3	0' - 5'	Cadmium	---	---	---	---	11/24/2003	<0.61 [<0.61]
	5' - 14'	Cadmium	---	---	---	---	11/24/2003	<0.64
B-4	0' - 2'	Cadmium	---	---	---	---	11/24/2003	<0.63
	2' - 12'	Cadmium	---	---	---	---	11/24/2003	<0.71
B-5	0' - 1.5'	Cadmium	---	---	---	---	11/24/2003	<0.54
	1.5' - 12'	Cadmium	---	---	---	---	11/24/2003	7.5
B-6	0.80' - 1.5'	Cadmium	---	---	---	---	11/24/2003	0.97
	1.5' - 7.5'	Cadmium	---	---	---	---	11/24/2003	<0.59
B-7	0' - 1.5'	Cadmium	---	---	---	---	11/24/2003	2
	1.5' - 10'	Cadmium	---	---	---	---	11/24/2003	2.5
B-8	0' - 2.5'	Cadmium	---	---	---	---	11/24/2003	0.72
	2.5' - 10'	Cadmium	---	---	---	---	11/24/2003	0.93
B-9	0' - 1'	Cadmium	---	---	---	---	11/24/2003	<0.62
	1' - 10'	Cadmium	---	---	---	---	11/24/2003	<0.57
B-10	0' - 1.5'	Cadmium	---	---	---	---	11/25/2003	7
	1.5' - 10'	Cadmium	---	---	---	---	11/25/2003	0.95
B-11	0' - 4'	Cadmium	---	---	---	---	3/5/2004	0.74 [0.63]
	4' - 8'	Cadmium	---	---	---	--	3/5/2004	0.87
	8' - 12'	Cadmium	---	---	---	---	3/5/2004	0.66
B-12	0' - 4'	Cadmium	---	---	---	---	3/5/2004	<0.61
	4' - 8'	Cadmium	---	---	---	--	3/5/2004	0.69
	8' - 12'	Cadmium	---	---	---	---	3/5/2004	<0.58
DI-07-01	0' - 1'	Cadmium	---	---	---	Silt and Sand/Gravel and Organics	8/14/2009	28.8
	1' - 2'	Cadmium	---	---	---	Silty Clay/Gravel	8/14/2009	32.2 [36.1]
	2' - 3'	Cadmium	---	---	---	Silt and Sand	8/14/2009	20.7
	3' - 4'	Cadmium	---	---	---	Silt and Clay	8/14/2009	1.16
DI-07-02	0' - 1'	Cadmium	---	---	---	Silty Clay/Gravel and Organics	8/14/2009	32.4
	1' - 2'	Cadmium	---	---	---	Silt and Clay/Gravel	8/14/2009	5.98
	2' - 3'	Cadmium	---	---	---	Silt and Clay/Gravel	8/14/2009	10.8
	3' - 4'	Cadmium	---	---	---	Silt and Sand/Clay	8/14/2009	12.1
	4' - 5'	Cadmium	---	---	---	Silt and Sand/Clay	8/14/2009	6.11
	5' - 6'	Cadmium	---	---	---	Silt and Sand/Clay	8/14/2009	5.25
DI-07-03	0' - 1'	Cadmium	---	---	---	Silt and Clay/Gravel and Organics	8/14/2009	0.422
	1' - 2'	Cadmium	---	---	---	Silt and Clay	8/14/2009	0.535
	2' - 3'	Cadmium	---	---	---	Silt and Clay	8/14/2009	7.38
	3' - 4'	Cadmium	---	---	---	Silty Clay	8/14/2009	3.39
	4' - 5'	Cadmium	---	---	---	Silt and Sand/Clay and Gravel	8/14/2009	5.06
	5' - 6'	Cadmium	---	---	---	Silt and Clay	8/14/2009	73
	6' - 7'	Cadmium	---	---	---	Silty Clay/Sand	8/14/2009	<0.267
	7' -8'	Cadmium	---	---	---	Silt and Sand	8/14/2009	<0.261
	8' - 9'	Cadmium	---	---	---	Silty Clay/Sand	8/14/2009	0.277 J
	9' -10'	Cadmium	---	---	---	Silty Clay to Sand	8/14/2009	1.49
	10' - 11'	Cadmium	---	---	---	Sand/Clay to Silty Clay	8/14/2009	<0.243
DI-09-01	0 - 1'	Cadmium	---	---	---	Sand and Silt, Trace Organics and Gravel	9/21/2009	0.601
	1 - 2'	Cadmium	---	---	---	Sand and Silt, Trace Organics and Gravel	9/21/2009	0.270
	2 - 3'	Cadmium	---	---	---	Sand and Silt, Trace Organics and Gravel	9/21/2009	5.74
	3 - 4'	Cadmium	---	---	---	Silt and Sand, Trace Gravel	9/21/2009	0.246
	4 - 5'	Cadmium	---	---	---	Sand and Silt	9/21/2009	0.254
	5 - 6'	Cadmium	---	---	---	Silt and Sand, Trace Gravel	9/21/2009	4.21
	6 - 7'	Cadmium	---	---	---	Silt	9/21/2009	9.12

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Bloody Brook Voluntary Cleanup Program
Onondaga County, New York

Boring ID	Sampling Interval	Analyte	Brook Elevation (ft)	Sample Elevation (ft)	Sample Relation to Brook Level	General Lithology	Collection Date	Result (mg/kg)
DI-09-02	0 - 1'	Cadmium	---	---	---	Sand and Silt, Organics	9/21/2009	3.45
	1 - 2'	Cadmium	---	---	---	Sand and Silt, Organics	9/21/2009	10.7
	2 - 3'	Cadmium	---	---	---	Sand and Silt, Organics and Trace Clay	9/21/2009	0.982
	3 - 4'	Cadmium	---	---	---	Silt and Sand, Trace Organics	9/21/2009	0.77
	4 - 5'	Cadmium	---	---	---	Silt and Sand, Trace Organics	9/21/2009	9.40
	5 - 6'	Cadmium	---	---	---	Silty Clay and Fine Sand	9/21/2009	5.76
	6 - 7'	Cadmium	---	---	---	Fine Sand and Silt	9/21/2009	3.55
DI-11-01	0' - 1'	Cadmium	---	---	---	Silt and Sand/ Organics and Gravel	8/14/2009	7.21
	1' - 2'	Cadmium	---	---	---	Silt with Sand/Organics and Clay	8/14/2009	6.38
	2' - 3'	Cadmium	---	---	---	Silt with Sand/Clay and Gravel	8/14/2009	3.76
	3' - 4'	Cadmium	---	---	---	Silt with Sand/Clay and Gravel	8/14/2009	49
DI-11-02	0' - 1'	Cadmium	---	---	---	Silt with Gravel/Organics	8/14/2009	0.431 [0.276]
	1' - 2'	Cadmium	---	---	---	Silt with Clay/Gravel and Organics	8/14/2009	0.062 J
	2' - 3'	Cadmium	---	---	---	Silt with Gravel	8/14/2009	0.266
	3' - 4'	Cadmium	---	---	---	Silt	8/14/2009	0.240
	4' - 5'	Cadmium	---	---	---	Silt with Gravel	8/14/2009	0.213 J
	5' - 6'	Cadmium	---	---	---	Silt with Gravel	8/14/2009	0.074 J
DI-11-03	0' - 1'	Cadmium	---	---	---	Silt and Clay/Organics and Gravel	8/14/2009	<0.261
	1' - 2'	Cadmium	---	---	---	Silt and Clay/Organics and Gravel	8/14/2009	0.523
	2' - 3'	Cadmium	---	---	---	Silt with Gravel/Organics	8/14/2009	0.154 J
	3' - 4'	Cadmium	---	---	---	Silt with Gravel/Organics	8/14/2009	0.327
	4' - 5'	Cadmium	---	---	---	Silt with Gravel/Organics	8/14/2009	<0.253
	5' - 6'	Cadmium	---	---	---	Silt with Gravel/Organics, Some Sand	8/14/2009	0.061 J
	6' - 7'	Cadmium	---	---	---	Silt with Gravel/Organics, Some Sand	8/14/2009	<0.243
	7' -8'	Cadmium	---	---	---	Silt with Gravel/Organics, Some Sand	8/14/2009	<0.250
	8' - 9'	Cadmium	---	---	---	Silt/Clay	8/14/2009	<0.265
	9' -10'	Cadmium	---	---	---	Silty Clay/Sand	8/14/2009	<0.235
	10' - 11'	Cadmium	---	---	---	Silty Clay/Sand	8/14/2009	<0.267
DI-32A-01	0 - 1'	Cadmium	---	---	---	Silt, Organics and Gravel	9/21/2009	0.276 [0.215 J]
	1 - 2'	Cadmium	---	---	---	Sand and Silt, Gravel	9/21/2009	1.72
	2 - 3'	Cadmium	---	---	---	Sand and Silt, Gravel	9/21/2009	4.71
	3 - 4'	Cadmium	---	---	---	Sand and Silt, Gravel	9/21/2009	0.591
	4 - 5'	Cadmium	---	---	---	Sand and Silt, Gravel	9/21/2009	78.6
	5 - 6'	Cadmium	---	---	---	Sand and Silt, Gravel	9/21/2009	6.53
	6 - 7'	--	---	---	---	No recovery; refusal.	9/21/2009	NS
DI-32C-01	0 - 1'	Cadmium	---	---	---	Sand and Silt, Organics	9/21/2009	0.444
	1 - 2'	Cadmium	---	---	---	Sand and Silt, Gravel	9/21/2009	1.19
	2 - 3'	Cadmium	---	---	---	Sand and Silt, Gravel	9/21/2009	0.238 [0.180 J]
	9 - 10'	Cadmium	---	---	---	Silty Clay	9/21/2009	<0.255
	10 - 11'	Cadmium	---	---	---	Silty Clay	9/21/2009	<0.235
DI-32C-02	0 - 1'	Cadmium	---	---	---	Sand and Silt, Organics	9/21/2009	0.460
	1 - 2'	Cadmium	---	---	---	Sand and Silt, Organics	9/21/2009	1.32
	2 - 3'	Cadmium	---	---	---	Silt and Sand, Trace Clay	9/21/2009	0.164 J
DI-33-01	0' - 1'	Cadmium	--	--	--	Gravel/Silt and Sand	8/11/2009	2.26
	1' - 2'	Cadmium	--	--	--	Sitly Clay with Gravel	8/11/2009	2.48
	2' - 3'	Cadmium	--	--	--	Sitly Clay with Gravel	8/11/2009	2.05 [2.74]
	3' - 4'	Cadmium	--	--	--	Sitly Clay with Gravel/Organics	8/11/2009	3.95
	4' - 5'	Cadmium	--	--	--	Sitly Clay with Gravel/Organics	8/11/2009	2.73
EPSOIL-2	0' - 1'	Cadmium	---	---	---	---	10/2001	29.6
EPSOIL-3	0' - 1'	Cadmium	---	---	---	---	10/2001	75.6
EPSOIL-4	0' - 1'	Cadmium	---	---	---	---	10/2001	4.5
OCDDS-4	0" - 6"	Cadmium	---	---	---	---	10/1996	3.8
	0" - 6"	PCBs	---	---	---	---	10/1996	0.042
OCDDS-5	0" - 6"	Cadmium	---	---	---	---	10/1996	26.4
	0" - 6"	PCBs	---	---	---	---	10/1996	0.193

Table 1
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Boring ID	Sampling Interval	Analyte	Brook Elevation (ft)	Sample Elevation (ft)	Sample Relation to Brook Level	General Lithology	Collection Date	Result (mg/kg)
OCDDS-6	0" - 6"	Cadmium	---	---	---	---	10/1996	0.14
	0" - 6"	PCBs	---	---	---	---	10/1996	<0.025
OCDDS-7	0" - 6"	Cadmium	---	---	---	---	10/1996	80.5
	0" - 6"	PCBs	---	---	---	---	10/1996	0.801
OCDDS-10	0" - 6"	Cadmium	---	---	---	---	10/1996	0.4
	0" - 6"	PCBs	---	---	---	---	10/1996	<0.025
Pre-SS-P1	---	Cadmium	---	---	---	---	4/17/1997	1.3
	---	PCBs	---	---	---	---	4/17/1997	<0.026
Post-SS-P1	---	Cadmium	---	---	---	---	5/15/1997	0.14
	---	PCBs	---	---	---	---	5/15/1997	<0.026
SA-SB-01-01	0" - 2"	Cadmium	372.6	377.74	Above	Sand	10/20/2003	6.3
	0' - 1'	Cadmium	372.6	376.74	Above	Sand/Wood	10/20/2003	15.8
	1' - 2'	Cadmium	372.6	375.74	Above	Clayey Sand	10/20/2003	3.4
	2' - 3'	Cadmium	372.6	374.74	Above	Clayey Sand	10/20/2003	<0.59
	3' - 4'	Cadmium	372.6	373.74	Above	Clayey Sand	10/20/2003	<0.58
	4' - 5'	Cadmium	372.6	372.74	At	Organic Silt/Sand	10/20/2003	442
	5' - 6'	Cadmium	372.6	371.74	Below	Organic Silt/Sand to Clayey Sand	10/20/2003	0.86
	6' - 7'	Cadmium	372.6	370.74	Below	Clayey Sand	10/20/2003	4.3
SA-SB-01-02	0" - 2"	Cadmium	372.6	378.76	Above	Sand	10/20/2003	5.09
	0' - 1'	Cadmium	372.6	377.76	Above	Sand	10/20/2003	1.87
	1' - 2'	Cadmium	372.6	376.76	Above	Sand	10/20/2003	<0.593
	2' - 3'	Cadmium	372.6	375.76	Above	Sand	10/20/2003	<0.581
	3' - 4'	Cadmium	372.6	374.76	Above	Sand	10/20/2003	<0.574
	4' - 5'	Cadmium	372.6	373.76	Above	Sand	10/20/2003	<0.583
	5' - 6'	Cadmium	372.6	372.76	At	Sand to Organic Silt/Sand	10/20/2003	431
	6' - 7'	Cadmium	372.6	371.76	Below	Organic Silt/Sand	10/20/2003	46.1
	7' - 8'	Cadmium	372.6	370.76	Below	Clayey Sand	10/20/2003	<0.670
SA-SB-01-03	0" - 2"	Cadmium	372.6	379.72	Above	Topsoil	10/20/2003	3.36
	0' - 1'	Cadmium	372.6	378.72	Above	Topsoil	10/20/2003	2.64
	1' - 2'	Cadmium	372.6	377.72	Above	Silty Sand	10/20/2003	6.48 [3.86]
	2' - 3'	Cadmium	372.6	376.72	Above	Silty Sand	10/20/2003	<0.611
	3' - 4'	Cadmium	372.6	375.72	Above	Silty Sand	10/20/2003	<0.58
	4' - 5'	Cadmium	372.6	374.72	Above	Silty Sand	10/20/2003	<0.592
	5' - 6'	Cadmium	372.6	373.72	Above	Silty Sand	10/20/2003	<0.60
	6' - 7'	Cadmium	372.6	372.72	At	Organic Silt/Sand	10/20/2003	401
	7' - 8'	Cadmium	372.6	371.72	Below	Organic Silt/Sand to Silty Clay	10/20/2003	52.1
	8' - 9'	Cadmium	372.6	370.72	Below	Silty Clay	10/20/2003	<0.668
SA-SB-01-04	0" - 2"	Cadmium	372.6	381.29	Above	Sand	10/20/2003	2.36
	0' - 1'	Cadmium	372.6	380.29	Above	Sand	10/20/2003	1.36
	1' - 2'	Cadmium	372.6	379.29	Above	Silty Sand	10/20/2003	<0.597
	2' - 3'	Cadmium	372.6	378.29	Above	Silty Sand to Silty Clay	10/20/2003	<0.623
	3' - 4'	Cadmium	372.6	377.29	Above	Silty Clay	10/20/2003	<0.590 [<0.593]
	4' - 5'	Cadmium	372.6	376.29	Above	Silty Sand	10/20/2003	<0.589
	5' - 6'	Cadmium	372.6	375.29	Above	Silty Sand	10/20/2003	<0.597
	6' - 7'	Cadmium	372.6	374.29	Above	Silty Sand	10/20/2003	<0.608
	7' - 8'	Cadmium	372.6	373.29	Above	Silty Sand	10/20/2003	<0.608
	8' - 9'	Cadmium	372.6	372.29	At	Silty Sand to Organic Silt/Sand	10/20/2003	79.1
	9' - 10'	Cadmium	372.6	371.29	Below	Organic Silt/Sand to Clay	10/20/2003	0.85

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Boring ID	Sampling Interval	Analyte	Brook Elevation (ft)	Sample Elevation (ft)	Sample Relation to Brook Level	General Lithology	Collection Date	Result (mg/kg)
SA-SB-02-01	0" - 2"	Cadmium	371.7	378.60	Above	Topsoil	10/24/2003	4.4
	0' - 1'	Cadmium	371.7	377.60	Above	Silty Sand	10/24/2003	1.4
	1' - 2'	Cadmium	371.7	376.60	Above	Silty Sand	10/24/2003	<0.55 [1.4]
	2' - 3'	Cadmium	371.7	375.60	Above	Silty Sand	10/24/2003	<0.55
	3' - 4'	Cadmium	371.7	374.60	Above	Silty Sand	10/24/2003	<0.54
	4' - 5'	Cadmium	371.7	373.60	Above	Silty Sand	10/24/2003	1.6
	5' - 6'	Cadmium	371.7	372.60	Above	Organic Silt/Sand	10/24/2003	322
	6' - 7'	Cadmium	371.7	371.60	At	Organic Silt/Sand	10/24/2003	<0.7
	7' - 8'	Cadmium	371.7	370.60	Below	Sandy Clay	10/24/2003	<0.59
	8' - 9'	Cadmium	371.7	369.60	Below	Sand to Silty Clay	10/24/2003	<0.61
	9' - 10'	Cadmium	371.7	368.60	Below	Silty Clay to Organic Silt/Sand	10/24/2003	<0.65
	10' - 11'	Cadmium	371.7	367.60	Below	Organic Silt/Sand/ Gravel	10/24/2003	<0.68
	11' - 12'	Cadmium	371.7	366.60	Below	Silty Clay	10/24/2003	<0.57
SA-SB-02-02	0" - 2"	Cadmium	371.7	380.20	Above	Topsoil	10/21/2003	1.02
	0' - 1'	Cadmium	371.7	379.20	Above	Silty Sand	10/21/2003	0.761
	1' - 2'	Cadmium	371.7	378.20	Above	Silty Sand	10/21/2003	<0.552
	2' - 3'	Cadmium	371.7	377.20	Above	Silty Sand	10/21/2003	<0.577
	3' - 4'	Cadmium	371.7	376.20	Above	Silty Sand	10/21/2003	<0.559
	4' - 5'	Cadmium	371.7	375.20	Above	Silty Sand	10/21/2003	<0.577
	5' - 6'	Cadmium	371.7	374.20	Above	Silty Sand	10/21/2003	<0.611
	6' - 7'	Cadmium	371.7	373.20	Above	Silty Sand to Organic Silt/Sand	10/21/2003	282
	7' - 8'	Cadmium	371.7	372.20	At	Organic Silt/Sand	10/21/2003	144
	8' - 9'	Cadmium	371.7	371.20	At	Organic Silt/Sand	10/21/2003	121
	9' - 10'	Cadmium	371.7	370.20	Below	Organic Silt/Sand to Silty Clay	10/21/2003	6.6
	10' - 11'	Cadmium	371.7	369.20	Below	Silty Clay	10/21/2003	<0.62
	11' - 12'	Cadmium	371.7	368.20	Below	Silty Clay	10/21/2003	<0.632
SA-SB-02-03	0" - 2"	Cadmium	371.7	381.79	Above	Topsoil	10/21/2003	<0.652
	0' - 1'	Cadmium	371.7	380.79	Above	Silty Sand	10/21/2003	<0.621
	1' - 2'	Cadmium	371.7	379.79	Above	Silty Sand	10/21/2003	<0.568
	2' - 3'	Cadmium	371.7	378.79	Above	Silty Sand	10/21/2003	<0.571
	3' - 4'	Cadmium	371.7	377.79	Above	Silty Sand	10/21/2003	<0.578
	4' - 5'	Cadmium	371.7	376.79	Above	Silty Sand	10/21/2003	<0.568
	5' - 6'	Cadmium	371.7	375.79	Above	Silty Sand	10/21/2003	<0.590
	6' - 7'	Cadmium	371.7	374.79	Above	Silty Sand	10/21/2003	<0.585
	7' - 8'	Cadmium	371.7	373.79	Above	Organic Silt/Sand	10/21/2003	0.682
	8' - 9'	Cadmium	371.7	372.79	Above	Silty Sand	10/21/2003	39.2
	9' - 10'	Cadmium	371.7	371.79	At	Organic Silt/Sand	10/21/2003	<0.678
	10' - 11'	Cadmium	371.7	370.79	Below	Organic Silt/Sand to Clayey Silt	10/21/2003	13.6
	11' - 12'	Cadmium	371.7	369.79	Below	Clayey Silt to Silty Clay	10/21/2003	<0.668
	12' - 13'	Cadmium	371.7	368.79	Below	Silty Clay	10/21/2003	<0.613
SA-SB-02-04	0" - 2"	Cadmium	371.7	385.39	Above	Topsoil	10/21/2003	<0.698
	0' - 1'	Cadmium	371.7	384.39	Above	Silty Sand	10/21/2003	<0.659
	1' - 2'	Cadmium	371.7	383.39	Above	Silty Sand	10/21/2003	<0.602
	2' - 3'	Cadmium	371.7	382.39	Above	Silty Sand to Sand	10/21/2003	<0.588
	3' - 4'	Cadmium	371.7	381.39	Above	Sand	10/21/2003	<0.550
	4' - 5'	Cadmium	371.7	380.39	Above	Sand	10/21/2003	<0.590
	5' - 6'	Cadmium	371.7	379.39	Above	Sand	10/21/2003	<0.564
	6' - 7'	Cadmium	371.7	378.39	Above	Sand	10/21/2003	<0.566
	7' - 8'	Cadmium	371.7	377.39	Above	Sand	10/21/2003	<0.578
	8' - 9'	Cadmium	371.7	376.39	Above	Sand	10/21/2003	<0.584
	9' - 10'	Cadmium	371.7	375.39	Above	Organic Silt/Sand	10/21/2003	<0.610
	10' - 11'	Cadmium	371.7	374.39	Above	Silt/Sand	10/21/2003	<0.621
	11' - 12'	Cadmium	371.7	373.39	Above	Silt/Sand	10/21/2003	<0.629 [<0.620]
	12' - 13'	Cadmium	371.7	372.39	Above	Silt/Sand	10/21/2003	<0.636
	13' - 14'	Cadmium	371.7	371.39	Above	Silt/Sand to Organic Silt/Sand	10/21/2003	98.4

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SA-SB-03-01	0" - 2"	Cadmium	370.6	375.50	Above	Topsoil	10/21/2003	23.8
	0' - 1'	Cadmium	370.6	374.50	Above	Silty Sand	10/21/2003	31.8
	1' - 2'	Cadmium	370.6	373.50	Above	Silty Sand	10/21/2003	28.2
	2' - 3'	Cadmium	370.6	372.50	Above	Silty Sand	10/21/2003	2.8
	3' - 4'	Cadmium	370.6	371.50	Above	Silty Sand to Organic Silt/Sand	10/21/2003	153
	4' - 5'	Cadmium	370.6	370.50	At	Organic Silt/Sand	10/21/2003	372
	5' - 6'	Cadmium	370.6	369.50	Below	Clayey Sand to Sand	10/21/2003	1.8
SA-SB-03-02	0" - 2"	Cadmium	370.6	376.72	Above	Silty Sand	10/21/2003	4.22
	0' - 1'	Cadmium	370.6	375.72	Above	Silty Sand	10/21/2003	4.15
	1' - 2'	Cadmium	370.6	374.72	Above	Silty Sand	10/21/2003	<0.566
	2' - 3'	Cadmium	370.6	373.72	Above	Silty Sand	10/21/2003	<0.605
	3' - 4'	Cadmium	370.6	372.72	Above	Silty Sand	10/21/2003	<0.608
	4' - 5'	Cadmium	370.6	371.72	Above	Organic Silt/Sand	10/21/2003	142
	5' - 6'	Cadmium	370.6	370.72	At	Organic Silt/Sand	10/21/2003	36.6
	6' - 7'	Cadmium	370.6	369.72	Below	Organic Silt/Sand	10/21/2003	3.58
	7' - 8'	Cadmium	370.6	368.72	Below	Organic Silt/Sand	10/21/2003	<0.726
SA-SB-03-03	0" - 2"	Cadmium	370.6	378.06	Above	Topsoil	10/21/2003	<0.713
	0' - 1'	Cadmium	370.6	377.06	Above	Silty Sand	10/21/2003	<0.638
	1' - 2'	Cadmium	370.6	376.06	Above	Silty Sand	10/21/2003	<0.583 [<0.582]
	2' - 3'	Cadmium	370.6	375.06	Above	Silty Sand	10/21/2003	<0.604
	3' - 4'	Cadmium	370.6	374.06	Above	Silty Sand	10/21/2003	<0.633
	4' - 5'	Cadmium	370.6	373.06	Above	Silty Sand	10/21/2003	<0.661
	5' - 6'	Cadmium	370.6	372.06	Above	Silty Sand to Organic Silt/Sand	10/21/2003	34.8
	6' - 7'	Cadmium	370.6	371.06	Above	Organic Silt/Sand	10/21/2003	14.1
	7' - 8'	Cadmium	370.6	370.06	At	Organic Silt/Sand to Organic Silty Clay	10/21/2003	<0.707
	8' - 9'	Cadmium	370.6	369.06	Below	Organic Silty Clay	10/21/2003	<0.677
SA-SB-03-04	0" - 2"	Cadmium	370.6	379.39	Above	Topsoil	10/21/2003	<0.717
	0' - 1'	Cadmium	370.6	378.39	Above	Silty Sand	10/21/2003	<0.629
	1' - 2'	Cadmium	370.6	377.39	Above	Silty Sand	10/21/2003	<0.600
	2' - 3'	Cadmium	370.6	376.39	Above	Silty Sand	10/21/2003	<0.590 [<0.590]
	3' - 4'	Cadmium	370.6	375.39	Above	Silty Sand	10/21/2003	<0.578
	4' - 5'	Cadmium	370.6	374.39	Above	Silty Sand	10/21/2003	<0.605
	5' - 6'	Cadmium	370.6	373.39	Above	Silty Sand	10/21/2003	<0.610
	6' - 7'	Cadmium	370.6	372.39	Above	Silty Sand	10/21/2003	<0.622
	7' - 8'	Cadmium	370.6	371.39	Above	Silty Sand to Organic Sandy Silt	10/21/2003	19.0
	8' - 9'	Cadmium	370.6	370.39	At	Organic Sandy Silt to Silty Clay	10/21/2003	<0.749
	9' - 10'	Cadmium	370.6	369.39	Below	Silty Sand	10/21/2003	1.61
SA-SB-04-01	0" - 2"	Cadmium	370.8	379.69	Above	Topsoil	10/20/2003	<0.654
	0' - 1'	Cadmium	370.8	378.69	Above	Silty Sand	10/20/2003	<0.613
	1' - 2'	Cadmium	370.8	377.69	Above	Silty Sand	10/20/2003	<0.589
	2' - 3'	Cadmium	370.8	376.69	Above	Silty Sand	10/20/2003	<0.566
	3' - 4'	Cadmium	370.8	375.69	Above	Silty Sand	10/20/2003	<0.572
	4' - 5'	Cadmium	370.8	374.69	Above	Clay/Silt	10/20/2003	<0.573
	5' - 6'	Cadmium	370.8	373.69	Above	Clay/Silt	10/20/2003	<0.610
	6' - 7'	Cadmium	370.8	372.69	Above	Clay/Silt	10/20/2003	<0.583
	7' - 8'	Cadmium	370.8	371.69	Above	Clay/Silt	10/20/2003	<0.629
	8' - 9'	Cadmium	370.8	370.69	At	Clay/Silt	10/20/2003	7.84
	9' - 10'	Cadmium	370.8	369.69	Below	Organic Silt/Sand	10/20/2003	<0.671
	10' - 11'	Cadmium	370.8	368.69	Below	Clay	10/20/2003	3.73

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SA-SB-04-02	0" - 2"	Cadmium	370.8	377.96	Above	Topsoil	10/20/2003	<0.677
	0' - 1'	Cadmium	370.8	376.96	Above	Silty Sand	10/20/2003	<0.597
	1' - 2'	Cadmium	370.8	375.96	Above	Silty Sand	10/20/2003	<0.602
	2' - 3'	Cadmium	370.8	374.96	Above	Silty Sand	10/20/2003	<0.586
	3' - 4'	Cadmium	370.8	373.96	Above	Silty Sand	10/20/2003	<0.602
	4' - 5'	Cadmium	370.8	372.96	Above	Silty Sand to Sand	10/20/2003	<0.573
	5' - 6'	Cadmium	370.8	371.96	Above	Sand to Silty Sand	10/20/2003	<0.613 [<0.595]
	6' - 7'	Cadmium	370.8	370.96	At	Silty Clay to Organic Clayey Silt	10/20/2003	139
	7' - 8'	Cadmium	370.8	369.96	Below	Organic Silt/Sand	10/20/2003	1.73
	8' - 9'	Cadmium	370.8	368.96	Below	Organic Silt/Sand	10/20/2003	11.9
SA-SB-04-03	0" - 2"	Cadmium	370.8	377.06	Above	Topsoil	10/20/2003	2.7
	0' - 1'	Cadmium	370.8	376.06	Above	Silty Sand	10/20/2003	2.17
	1' - 2'	Cadmium	370.8	375.06	Above	Silty Sand	10/20/2003	<0.588
	2' - 3'	Cadmium	370.8	374.06	Above	Silty Sand	10/20/2003	<0.561
	3' - 4'	Cadmium	370.8	373.06	Above	Silty Sand	10/20/2003	<0.617
	4' - 5'	Cadmium	370.8	372.06	Above	Silty Sand	10/20/2003	<0.603
	5' - 6'	Cadmium	370.8	371.06	Above	Silty Sand	10/20/2003	<0.635
	6' - 7'	Cadmium	370.8	370.06	At	Silty Sand to Organic Silt/Sand	10/20/2003	1,920
	7' - 8'	Cadmium	370.8	369.06	Below	Organic Silt/Sand	10/20/2003	199
SA-SB-04-04	0" - 2"	Cadmium	370.8	376.90	Above	Topsoil	10/20/2003	7.4
	0' - 1'	Cadmium	370.8	375.90	Above	Silty Sand	10/20/2003	5.3
	1' - 2'	Cadmium	370.8	374.90	Above	Sandy Silt	10/20/2003	<0.62
	2' - 3'	Cadmium	370.8	373.90	Above	Sandy Silt	10/20/2003	<0.56
	3' - 4'	Cadmium	370.8	372.90	Above	Silty Sand	10/20/2003	<0.59
	4' - 5'	Cadmium	370.8	371.90	Above	Silty Sand	10/20/2003	<0.58
	5' - 6'	Cadmium	370.8	370.90	At	Silty Sand to Organic Silt/Sand	10/20/2003	84.7
	6' - 7'	Cadmium	370.8	369.90	Below	Organic Silt/Sand	10/20/2003	112
	7' - 8'	Cadmium	370.8	368.90	Below	Silty Sand	10/20/2003	456
SA-SB-05-02	0" - 2"	Cadmium	369.9	376.93	Above	Topsoil	10/22/2003	1.4
	0' - 1'	Cadmium	369.9	375.93	Above	Silty Sand	10/22/2003	1.4
	1' - 2'	Cadmium	369.9	374.93	Above	Silty Sand	10/22/2003	<0.58
	2' - 3'	Cadmium	369.9	373.93	Above	Silty Sand	10/22/2003	1.4
	3' - 4'	Cadmium	369.9	372.93	Above	Silty Sand	10/22/2003	<0.60
	4' - 5'	Cadmium	369.9	371.93	Above	Clayey Silt	10/22/2003	<0.60
	5' - 6'	Cadmium	369.9	370.93	Above	Clayey Silt	10/22/2003	12.5
	6' - 7'	Cadmium	369.9	369.93	At	Sandy Silt	10/22/2003	<0.58
	7' - 8'	Cadmium	369.9	368.93	Below	Sandy Silt to Organic Clayey Silt	10/22/2003	<0.59
	8' - 9'	Cadmium	369.9	367.93	Below	Organic Clayey SIlt	10/22/2003	5.1
	9' - 10'	Cadmium	369.9	366.93	Below	Organic Clayey Silt	10/22/2003	5.9
	10' - 11'	Cadmium	369.9	365.93	Below	Organic Clayey Silt	10/22/2003	8.1
SA-SB-05-03	0" - 2"	Cadmium	369.9	376.62	Above	Topsoil	10/22/2003	1.51
	0' - 1'	Cadmium	369.9	375.62	Above	Silty Sand	10/22/2003	<0.607
	1' - 2'	Cadmium	369.9	374.62	Above	Silty Sand	10/22/2003	<0.588
	2' - 3'	Cadmium	369.9	373.62	Above	Silty Sand	10/22/2003	<0.581
	3' - 4'	Cadmium	369.9	372.62	Above	Silty Sand	10/22/2003	<0.579
	4' - 5'	Cadmium	369.9	371.62	Above	Clayey Silt	10/22/2003	<0.607
	5' - 6'	Cadmium	369.9	370.62	Above	Organic Clayey Silt	10/22/2003	2.5
	6' - 7'	Cadmium	369.9	369.62	At	Organic Clayey Silt	10/22/2003	0.587
	7' - 8'	Cadmium	369.9	368.62	Below	Organic Clayey Silt	10/22/2003	20.5
	8' - 9'	Cadmium	369.9	367.62	Below	Clayey Silt	10/22/2003	21.8
	9' - 10'	Cadmium	369.9	366.62	Below	Clayey Silt	10/22/2003	<0.661

Table 1
Summary of Soil Lithology and Analytical Data
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West Branch of Bloody Brook
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Boring ID	Sampling Interval	Analyte	Brook Elevation (ft)	Sample Elevation (ft)	Sample Relation to Brook Level	General Lithology	Collection Date	Result (mg/kg)
SA-SB-05-04	0" - 2"	Cadmium	369.9	375.98	Above	Topsoil	10/22/2003	4.3
	0' - 1'	Cadmium	369.9	374.98	Above	Silty Sand	10/22/2003	3.6
	1' - 2'	Cadmium	369.9	373.98	Above	Silty Sand	10/22/2003	27.9
	2' - 3'	Cadmium	369.9	372.98	Above	Silty Sand	10/22/2003	<0.57
	3' - 4'	Cadmium	369.9	371.98	Above	Organic clayey Silt	10/22/2003	11.8
	4' - 5'	Cadmium	369.9	370.98	Above	Organic Silty Clay	10/22/2003	7.5
	5' - 6'	Cadmium	369.9	369.98	At	Organic Silty Clay	10/22/2003	2.4
	6' - 7'	Cadmium	369.9	368.98	Below	Organic Silty Clay	10/22/2003	12.0
	7' - 8'	Cadmium	369.9	367.98	Below	Organic Clayey Silt	10/22/2003	11.3
	8' - 9'	Cadmium	369.9	366.98	Below	Organic Clayey Silt	10/22/2003	20.9
	9' - 10'	Cadmium	369.9	365.98	Below	Organic Sand/Silt	10/22/2003	<0.72
	10' - 11'	Cadmium	369.9	364.98	Below	Organic Sand/Silt	10/22/2003	<0.85
	11' - 12'	Cadmium	369.9	363.98	Below	Silty Sand	10/22/2003	<0.63
	12' - 13'	Cadmium	369.9	362.98	Below	Organic Silt/Sand	10/22/2003	<0.68
	13' - 14'	Cadmium	369.9	361.98	Below	Organic Silt/Sand	10/22/2003	<0.68
SA-SB-06-01	0" - 2"	Cadmium	365.5	371.39	Above	Topsoil	10/24/2003	8.5
	0' - 1'	Cadmium	365.5	370.39	Above	Silty Sand	10/24/2003	6.5
	1' - 2'	Cadmium	365.5	369.39	Above	Silty Sand	10/24/2003	<0.54
	2' - 3'	Cadmium	365.5	368.39	Above	Silty Sand	10/24/2003	1.1
	3' - 4'	Cadmium	365.5	367.39	Above	Silty Sand	10/24/2003	41.7
	4' - 5'	Cadmium	365.5	366.39	Above	Silty Sand	10/24/2003	2.6
	5' - 6'	Cadmium	365.5	365.39	At	Silty Sand	10/24/2003	3.4
	6' - 7'	Cadmium	365.5	364.39	Below	Silty Sand to Organic Clayey Silt	10/24/2003	<0.60
	7' - 8'	Cadmium	365.5	363.39	Below	Organic Clayey Silt	10/24/2003	<0.63
	8' - 9'	Cadmium	365.5	362.39	Below	Silty Clay	10/24/2003	<0.65
SA-SB-06-02	0" - 2"	Cadmium	365.5	372.31	Above	Topsoil	10/24/2003	2.49
	0' - 1'	Cadmium	365.5	371.31	Above	Silty Sand	10/24/2003	1.09 [1.77]
	1' - 2'	Cadmium	365.5	370.31	Above	Silty Sand	10/24/2003	<0.567
	2' - 3'	Cadmium	365.5	369.31	Above	Silty Sand	10/24/2003	<0.522
	3' - 4'	Cadmium	365.5	368.31	Above	Silty Sand	10/24/2003	0.703
	4' - 5'	Cadmium	365.5	367.31	Above	Silty Sand to Organic Clayey Silt	10/24/2003	30.3
	5' - 6'	Cadmium	365.5	366.31	Above	Organic Clayey Silt	10/24/2003	60.1
	6' - 7'	Cadmium	365.5	365.31	At	Organic Clayey Silt to Silty Clay	10/24/2003	1.44
	7' - 8'	Cadmium	365.5	364.31	Below	Organic Clayey Silt	10/24/2003	6.18
	8' - 9'	Cadmium	365.5	363.31	Below	Silty Clay	10/24/2003	7.35
SA-SB-06-03	0" - 2"	Cadmium	365.5	372.74	Above	Topsoil	10/24/2003	1.22
	0' - 1'	Cadmium	365.5	371.74	Above	Silty Sand	10/24/2003	<0.611
	1' - 2'	Cadmium	365.5	370.74	Above	Organic Silt/Sand	10/24/2003	<0.566
	2' - 3'	Cadmium	365.5	369.74	Above	Silty Sand	10/24/2003	<0.579
	3' - 4'	Cadmium	365.5	368.74	Above	Silty Sand	10/24/2003	<0.585
	4' - 5'	Cadmium	365.5	367.74	Above	Silty Sand	10/24/2003	7.63
	5' - 6'	Cadmium	365.5	366.74	Above	Organic Clayey Silt	10/24/2003	64.4
	6' - 7'	Cadmium	365.5	365.74	At	Organic Clayey Silt	10/24/2003	<0.668
	7' - 8'	Cadmium	365.5	364.74	Below	Clayey Silt to Clay	10/24/2003	<0.625
	8' - 9'	Cadmium	365.5	363.74	Below	Clay	10/24/2003	<0.634
SA-SB-06-04	0" - 2"	Cadmium	365.5	372.98	Above	Topsoil	10/24/2003	1.13
	0' - 1'	Cadmium	365.5	371.98	Above	Silty Sand	10/24/2003	<0.605
	1' - 2'	Cadmium	365.5	370.98	Above	Silty Sand	10/24/2003	<0.561
	2' - 3'	Cadmium	365.5	369.98	Above	Silty Sand	10/24/2003	<0.573
	3' - 4'	Cadmium	365.5	368.98	Above	Silty Sand	10/24/2003	<0.554
	4' - 5'	Cadmium	365.5	367.98	Above	Fill	10/24/2003	1.78
	5' - 6'	Cadmium	365.5	366.98	Above	Organic Clayey Silt	10/24/2003	88.1
	6' - 7'	Cadmium	365.5	365.98	At	Organic Clayey Silt	10/24/2003	<0.693
	7' - 8'	Cadmium	365.5	364.98	Below	Clay to Silty Clay	10/24/2003	<0.678
	8' - 9'	Cadmium	365.5	363.98	Below	Clay	10/24/2003	<0.636
SA-SB-07-01	0" - 2"	Cadmium	364.8	372.10	Above	Topsoil	10/24/2003	4.6

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SA-SB-07-02	0" - 2"	Cadmium	364.8	371.71	Above	Topsoil	10/24/2003	1.0
SA-SB-07-03	0" - 2"	Cadmium	364.8	371.04	Above	Topsoil	10/24/2003	0.845
SA-SB-07-04	0" - 2"	Cadmium	364.8	370.10	Above	Topsoil	10/24/2003	0.839
SA-SB-216-01	0" - 2"	Cadmium	368.8	375.03	Above	Topsoil	10/22/2003	3.3
	0' - 1'	Cadmium	368.8	374.03	Above	Silty Sand	10/22/2003	3.9
	1' - 2'	Cadmium	368.8	373.03	Above	Silty Sand	10/22/2003	<0.59
	2' - 3'	Cadmium	368.8	372.03	Above	Silty Sand	10/22/2003	<0.56
	3' - 4'	Cadmium	368.8	371.03	Above	Clayey Silt	10/22/2003	0.65
	4' - 5'	Cadmium	368.8	370.03	Above	Clayey Silt	10/22/2003	24.9
	5' - 6'	Cadmium	368.8	369.03	At	Clayey Silt	10/22/2003	0.77
	6' - 7'	Cadmium	368.8	368.03	Below	Clayey Silt	10/22/2003	4.7
	7' - 8'	Cadmium	368.8	367.03	Below	Clayey Silt	10/22/2003	<0.65
	8' - 9'	Cadmium	368.8	366.03	Below	Clayey Silt	10/22/2003	20.6
	9' - 10'	Cadmium	368.8	365.03	Below	Organic Clayey Silt	10/22/2003	<0.654
SA-SB-216-02	0" - 2"	Cadmium	368.8	376.08	Above	Topsoil	10/22/2003	1.26
	0' - 1'	Cadmium	368.8	375.08	Above	Silty Sand	10/22/2003	0.659
	1' - 2'	Cadmium	368.8	374.08	Above	Silty Sand	10/22/2003	<0.588
	2' - 3'	Cadmium	368.8	373.08	Above	Silty Sand	10/22/2003	<0.617
	3' - 4'	Cadmium	368.8	372.08	Above	Silty Sand	10/22/2003	<0.602
	4' - 5'	Cadmium	368.8	371.08	Above	Silty Sand	10/22/2003	5.38
	5' - 6'	Cadmium	368.8	370.08	Above	Organic Clayey Silt	10/22/2003	14.5
	6' - 7'	Cadmium	368.8	369.08	Above	Organic Clayey Silt	10/22/2003	1.57 [0.823]
	7' - 8'	Cadmium	368.8	368.08	Below	Silty Clay	10/22/2003	<0.68
	8' - 9'	Cadmium	368.8	367.08	Below	Silty Clay	10/22/2003	0.903
	9' - 10'	Cadmium	368.8	366.08	Below	Organic Clayey Silt	10/22/2003	<0.756
	10' - 11'	Cadmium	368.8	365.08	Below	Organic Clayey Silt	10/22/2003	<0.719
	11' - 12'	Cadmium	368.8	364.08	Below	Silty Clay	10/22/2003	<0.62
	12' - 13'	Cadmium	368.8	363.08	Below	Silty Sand	10/22/2003	<0.616
	13' - 14'	Cadmium	368.8	362.08	Below	Silty Sand	10/22/2003	<0.60
SA-SB-216-03	0" - 2"	Cadmium	368.8	376.12	Above	Topsoil	10/22/2003	<0.652
	0' - 1'	Cadmium	368.8	375.12	Above	Silty Sand	10/22/2003	<0.60
	1' - 2'	Cadmium	368.8	374.12	Above	Silty Sand	10/22/2003	<0.598
	2' - 3'	Cadmium	368.8	373.12	Above	Silty Sand	10/22/2003	<0.617
	3' - 4'	Cadmium	368.8	372.12	Above	Silty Clay	10/22/2003	<0.624
	4' - 5'	Cadmium	368.8	371.12	Above	Silty Clay	10/22/2003	1.54
	5' - 6'	Cadmium	368.8	370.12	Above	Sandy Silt	10/22/2003	<0.632
	6' - 7'	Cadmium	368.8	369.12	At	Sandy Silt	10/22/2003	<0.641
	7' - 8'	Cadmium	368.8	368.12	Below	Sandy Silt	10/22/2003	<0.713
	8' - 9'	Cadmium	368.8	367.12	Below	Sandy Silt	10/22/2003	<0.635
	9' - 10'	Cadmium	368.8	366.12	Below	Organic Silt/Sand	10/22/2003	<0.635
SA-SB-216-04	0' - 1'	Cadmium	368.8	375.23	Above	Silty Sand	10/22/2003	<0.59
	1' - 2'	Cadmium	368.8	374.23	Above	Silty Sand	10/22/2003	<0.57
SB-01	0" - 2"	Cadmium	---	---	---	---	11/2001	10.5
	0' - 1'	Cadmium	---	---	---	---	11/2001	1.64
SB-02	0' - 1'	Cadmium	---	---	---	---	11/2001	203
	1' - 2'	Cadmium	---	---	---	---	11/2001	503
SB-03	0' - 1'	Cadmium	---	---	---	---	11/2001	37
	1' - 2'	Cadmium	---	---	---	---	11/2001	30.1
SB-04	0' - 1'	Cadmium	---	---	---	---	11/2001	30.4
	1' - 2'	Cadmium	---	---	---	---	11/2001	34.2
SB-05	0' - 1'	Cadmium	---	---	---	---	11/2001	41.1
	1' - 2'	Cadmium	---	---	---	---	11/2001	98.2
SB-06	0' - 1'	Cadmium	---	---	---	---	11/2001	11.3
	1' - 2'	Cadmium	---	---	---	---	11/2001	8.04

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Boring ID	Sampling Interval	Analyte	Brook Elevation (ft)	Sample Elevation (ft)	Sample Relation to Brook Level	General Lithology	Collection Date	Result (mg/kg)
SB-07	0' - 1'	Cadmium	---	---	---	---	11/2001	42.1
	1' - 2'	Cadmium	---	---	---	---	11/2001	34.3
SB-08	0' - 1'	Cadmium	---	---	---	---	11/2001	5.78
SB-09	0' - 1'	Cadmium	---	---	---	---	11/2001	81.5
	1' - 2'	Cadmium	---	---	---	---	11/2001	191
SB-10	0' - 1'	Cadmium	---	---	---	---	11/2001	108
	1' - 2'	Cadmium	---	---	---	---	11/2001	114
SB-11	0' - 1'	Cadmium	---	---	---	---	11/2001	9.82
SB-12	0' - 1'	Cadmium	---	---	---	---	11/2001	2.11
SB-13	0' - 1'	Cadmium	---	---	---	---	11/2001	14.4
	1' - 2'	Cadmium	---	---	---	---	11/2001	<0.666
SB-14	0' - 1'	Cadmium	---	---	---	---	11/2001	52.2
	1' - 2'	Cadmium	---	---	---	---	11/2001	26.2 [9.8]
SB-15	0' - 1'	Cadmium	---	---	---	---	11/2001	30.2
	1' - 2'	Cadmium	---	---	---	---	11/2001	44.8
SB-16	0' - 1'	Cadmium	---	---	---	---	11/2001	28.9
	1' - 2'	Cadmium	---	---	---	---	11/2001	27.7
SB-17	0' - 1'	Cadmium	---	---	---	---	11/2001	32.1
SB-18	0' - 1'	Cadmium	---	---	---	---	11/2001	6.25
SB-19	0" - 2"	Cadmium	---	---	---	---	06/2002	34.7
SB-20	0" - 2"	Cadmium	---	---	---	---	06/2002	10.9
SB-21	0" - 2"	Cadmium	---	---	---	---	06/2002	82.3
SB-22	0" - 2"	Cadmium	---	---	---	---	06/2002	12.2
	0' - 1'	Cadmium	---	---	---	---	06/2002	0.68
SB-23	0" - 2"	Cadmium	---	---	---	---	06/2002	27.1
SB-24	0" - 2"	Cadmium	---	---	---	---	06/2002	15.8
SB-25	0" - 2"	Cadmium	---	---	---	---	06/2002	3.76
SB-26	0" - 2"	Cadmium					06/2002	8.34
SB-27	0" - 2"	Cadmium	---	---	---	---	06/2002	11.9
SB-28	0" - 2"	Cadmium	---	---	---	---	06/2002	10.9
SB-29	0" - 2"	Cadmium	---	---	---	---	06/2002	10.5
SB-30	0" - 2"	Cadmium	---	---	---	---	06/2002	39.3
SB-31	0" - 2"	Cadmium	---	---	---	---	06/2002	22.9
SB-32	0" - 2"	Cadmium	---	---	---	---	06/2002	35.2
SB-33	0" - 2"	Cadmium	---	---	---	---	06/2002	11.3
SB-34	0" - 2"	Cadmium	---	---	---	---	06/2002	3.79
SB-35	0" - 2"	Cadmium	---	---	---	---	06/2002	19.0
SB-36	0" - 2"	Cadmium	---	---	---	---	06/2002	26.6
SB-37	0" - 2"	Cadmium	---	---	---	---	06/2002	11.3
SB-38	0" - 2"	Cadmium	---	---	---	---	06/2002	22.4
SB-39	0" - 2"	Cadmium	---	---	---	---	06/2002	16.8
SB-40	0" - 2"	Cadmium	---	---	---	---	06/2002	6.52
SB-41	0" - 2"	Cadmium	---	---	---	---	06/2002	47.3
SB-42	0" - 2"	Cadmium	---	---	---	---	06/2002	5.65
SB-43	0" - 2"	Cadmium	---	---	---	---	06/2002	7.77
SB-44	0" - 2"	Cadmium	---	---	---	---	06/2002	101
SB-45	0" - 2"	Cadmium	---	---	---	---	06/2002	17.5
SB-46	0" - 2"	Cadmium	---	---	---	---	06/2002	96.1
SB-47	0" - 2"	Cadmium	---	---	---	---	06/2002	35.6
SB-48	0" - 2"	Cadmium	---	---	---	---	06/2002	29.6
SB-49	0" - 2"	Cadmium	---	---	---	---	06/2002	21.6
SB-50	0" - 2"	Cadmium	---	---	---	---	06/2002	1.3

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SB-51	0' - 1'	Cadmium	---	---	---	Topsoil	11/2002	266
	1' - 2'	Cadmium	---	---	---	Sandy Silt	11/2002	146
	2' - 3'	Cadmium	---	---	---	Sandy Silt	11/2002	4.9
	3' - 4'	Cadmium	---	---	---	Sandy Silt	11/2002	7.2
SB-52	0' - 1'	Cadmium	---	---	---	Topsoil	11/2002	14.9
	1' - 2'	Cadmium	---	---	---	Clayey Silt	11/2002	22.1
	2' - 3'	Cadmium	---	---	---	Clayey Silt	11/2002	1.8
	3' - 4'	Cadmium	---	---	---	Clayey Silt	11/2002	<0.67
SB-53	0' - 1'	Cadmium	---	---	---	Topsoil	11/2002	<0.61
	1' - 2'	Cadmium	---	---	---	Sandy Silt	11/2002	<0.58
	2' - 3'	Cadmium	---	---	---	Sandy Silt	11/2002	<0.56
	3' - 4'	Cadmium	---	---	---	Sandy Silt	11/2002	<0.55
SB-54	0' - 1'	Cadmium	---	---	---	Topsoil	11/2002	1.7
	1' - 2'	Cadmium	---	---	---	Sandy Silt	11/2002	<0.58
	2' - 3'	Cadmium	---	---	---	Sandy Silt/Peat	11/2002	438
	3' - 4'	Cadmium	---	---	---	Peat	11/2002	1,800
SB-55	0' - 1'	Cadmium	---	---	---	Sandy Silt	11/2002	47.7
	1' - 2'	Cadmium	---	---	---	Sandy Silt	11/2002	27.0
	2' - 3'	Cadmium	---	---	---	Clayey Silt	11/2002	35.8
	3' - 4'	Cadmium	---	---	---	Peat	11/2002	440
SB-56	0" - 2"	Cadmium	---	---	---	---	11/2002	64.6
SB-57	0' - 1'	Cadmium	---	---	---	Top Soil	11/2002	195
	1' - 2'	Cadmium	---	---	---	Sandy Silt	11/2002	98.9
	2' - 3'	Cadmium	---	---	---	Sandy Silt/Peat	11/2002	219
	3' - 4'	Cadmium	---	---	---	Peat	11/2002	420
SB-58	0" - 2"	Cadmium	---	---	---	---	11/2002	197
SB-59	0' - 1'	Cadmium	---	---	---	Sandy Silt	11/2002	42.5
	1' - 2'	Cadmium	---	---	---	Sandy Silt	11/2002	310
	2' - 3'	Cadmium	---	---	---	Sandy Silt	11/2002	84.5
	3' - 4'	Cadmium	---	---	---	Sandy Silt	11/2002	636
SB-60	0' - 1'	Cadmium	---	---	---	Silty Sand	11/2002	7.8
	1' - 2'	Cadmium	---	---	---	Clayey Silt	11/2002	10.9
	2' - 3'	Cadmium	---	---	---	Clayey Silt	11/2002	4.5
	3' - 4'	Cadmium	---	---	---	Clayey Silt/Peat	11/2002	139
SB-61	0' - 1'	Cadmium	---	---	---	Sandy Silt	11/2002	134
	1' - 2'	Cadmium	---	---	---	Sandy Silt	11/2002	22.9
	2' - 3'	Cadmium	---	---	---	Silty Sand	11/2002	26.2
	3' - 4'	Cadmium	---	---	---	Silty Sand/Peat	11/2002	864
SB-62	2' - 3'	Cadmium	---	---	---	Sandy Silt	11/2002	263
	3' - 4'	Cadmium	---	---	---	Silty Sand	11/2002	208
SB-63	0" - 2"	Cadmium	---	---	---	---	11/2002	22.6
SB-64	0" - 2"	Cadmium	---	---	---	---	11/2002	1.1
SB-65	2' - 3'	Cadmium	---	---	---	Sandy Silt	11/2002	6.5
	3' - 4'	Cadmium	---	---	---	Sandy Silt	11/2002	23.4
SB-66	0' - 1'	Cadmium	---	---	---	Silty Sand	11/2002	29.7
	1' - 2'	Cadmium	---	---	---	Clayey Silt	11/2002	24.2
	2' - 3'	Cadmium	---	---	---	Clayey Silt	11/2002	1.1
	3' - 4'	Cadmium	---	---	---	Clayey Silt	11/2002	<0.60
SB-67	0" - 2"	Cadmium	---	---	---	---	11/2002	20.9
SB-68	0' - 1'	Cadmium	---	---	---	Silty Sand	11/2002	31.4
	1' - 2'	Cadmium	---	---	---	Silty Sand	11/2002	18.0
	2' - 3'	Cadmium	---	---	---	Sandy Silt	11/2002	3.6
	3' - 4'	Cadmium	---	---	---	Sandy Silt	11/2002	11.6
SB-69	0" - 2"	Cadmium	---	---	---	---	11/2002	10.3
SB-70	2' - 3'	Cadmium	---	---	---	Silty Sand	11/2002	12.7
	3' - 4'	Cadmium	---	---	---	Sandy Silt	11/2002	4.8

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Design Soil Investigation Work Plan
West Branch of Bloody Brook
Bloody Brook Voluntary Cleanup Program
Onondaga County, New York

Boring ID	Sampling Interval	Analyte	Brook Elevation (ft)	Sample Elevation (ft)	Sample Relation to Brook Level	General Lithology	Collection Date	Result (mg/kg)
SB-71	0" - 2"	Cadmium	---	---	---	---	11/2002	23.2
	0' - 1'	Cadmium	---	---	---	Silty Sand	11/2002	18.6
	1' - 2'	Cadmium	---	---	---	Silty Sand	11/2002	1.7
	2' - 3'	Cadmium	---	---	---	Silty Sand	11/2002	17.0
	3' - 4'	Cadmium	---	---	---	Silty Sand	11/2002	48.4
SB-72	2' - 3'	Cadmium	---	---	---	Silty Sand	11/2002	1.7
	3' - 4'	Cadmium	---	---	---	Silty Sand/Clay	11/2002	4.3
SB-73	0" - 2"	Cadmium	---	---	---	---	11/2002	37.6
SB-74	0' - 1'	Cadmium	---	---	---	Silty Sand	11/2002	25.0
	1' - 2'	Cadmium	---	---	---	Silty Sand	11/2002	3.8
	2' - 3'	Cadmium	---	---	---	Fill	11/2002	1.4
	3' - 4'	Cadmium	---	---	---	Fill/Sandy Silt	11/2002	<0.62
SB-75	0" - 6"	Cadmium	---	---	---	---	11/2002	1.3
	6" - 12"	Cadmium	---	---	---	Sand & Gravel	11/2002	0.67
	1' - 2'	Cadmium	---	---	---	Sand, Silt, Clay	11/2002	<0.58
	2' - 3'	Cadmium	---	---	---	Sand, Silt, Clay	11/2002	<0.57
	3' - 4'	Cadmium	---	---	---	Clay	11/2002	<0.61
SB-76	0" - 6"	Cadmium	---	---	---	---	11/2002	0.73
	6" - 12"	Cadmium	---	---	---	Clayey Silt	11/2002	<0.58
	1' - 2'	Cadmium	---	---	---	Clayey Silt	11/2002	<0.61
	2' - 3'	Cadmium	---	---	---	Clayey Silt	11/2002	1.2
	3' - 4'	Cadmium	---	---	---	Silty Sand	11/2002	<0.52
SB-77	0" - 6"	Cadmium	---	---	---	Gravelly Sand	11/2002	18.9
	6" - 12"	Cadmium	---	---	---	Gravelly Sand	11/2002	1.1
	1' - 2'	Cadmium	---	---	---	Gravelly Sand/Clayey Silt	11/2002	<0.55
	2' - 3'	Cadmium	---	---	---	Clayey Silt/ Sand	11/2002	<0.56
	3' - 4'	Cadmium	---	---	---	Silty Sand	11/2002	<0.57
SB-78	3' - 4'	Cadmium	---	---	---	Clay	11/2002	<0.58
SB-79	0" - 6"	Cadmium	---	---	---	---	11/2002	1.9
	6" - 12"	Cadmium	---	---	---	---	11/2002	0.96
	0' - 1'	Cadmium	---	---	---	Sandy Silt	11/2002	NA
	1' - 2'	Cadmium	---	---	---	Sandy Silt	11/2002	<0.57
	3' - 4'	Cadmium	---	---	---	Clay	11/2002	1.2
SB-80	0" - 6"	Cadmium	---	---	---	---	11/2002	11.7
	6" - 12"	Cadmium	---	---	---	---	11/2002	7.3
	0' - 4'	Cadmium	---	---	---	Fill	11/2002	18.4
	4' - 8'	Cadmium	---	---	---	Fill/Peat	11/2002	22.6
	8' - 12'	Cadmium				Peat/Sand and Gravel	11/2002	<0.87
SB-81	0" - 6"	Cadmium	---	---	---		11/2002	49.9
	6" - 12"	Cadmium	---	---	---	Sandy Silt	11/2002	7.4
	1' - 2'	Cadmium	---	---	---	Sandy Silt	11/2002	8.4
	2' - 3'	Cadmium	---	---	---	Sand	11/2002	1.6
	3' - 4'	Cadmium	---	---	---	Clay	11/2002	<0.63
SB-82	0" - 6"	Cadmium	---	---	---	---	11/2002	1.7
	6" - 12"	Cadmium	---	---	---	---	11/2002	1.6
	0' - 1'	Lithology	---	---	---	Sandy Silt	11/2002	NA
	1' - 2'	Cadmium	---	---	---	Clayey Silt	11/2002	<0.61
	2' - 3'	Cadmium	---	---	---	Sandy Silt	11/2002	1.6
	3' - 4'	Cadmium	---	---	---	Sandy Silt	11/2002	1.3
SB-83	0" - 6"	Cadmium	---	---	---	---	11/2002	<0.52
	6" - 12"	Cadmium	---	---	---	---	11/2002	<0.51
	0' - 4'	Cadmium	---	---	---	Clay/Fill	11/2002	<0.55
	4' - 8'	Cadmium	---	---	---	Clay/Wood/Peat	11/2002	<0.65
SB-84	2' - 3'	Cadmium	---	---	---	Peat	11/2002	11.4
	3' - 4'	Cadmium	---	---	---	Sand	11/2002	<0.79
SB-85	0' - 1'	Cadmium	---	---	---	---	11/2002	32.1

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Boring ID	Sampling Interval	Analyte	Brook Elevation (ft)	Sample Elevation (ft)	Sample Relation to Brook Level	General Lithology	Collection Date	Result (mg/kg)
SB-201	0" - 2"	Cadmium	---	---	---	---	11/2002	0.61
	0' - 1'	Cadmium	---	---	---	Sandy Silt	11/2002	<0.61
	1' - 2'	Cadmium	---	---	---	Sandy Silt	11/2002	<0.58
	2' - 3'	Cadmium	---	---	---	Sandy Silt	11/2002	<0.55
	3' - 4'	Cadmium	---	---	---	Sand	11/2002	<0.56
SB-202	0" - 2"	Cadmium	---	---	---	---	11/2002	7.5
	0' - 1'	Cadmium	---	---	---	Sandy Silt	11/2002	20.4
	1' - 2'	Cadmium	---	---	---	Silty Sand	11/2002	18.4
	2' - 3'	Cadmium	---	---	---	Sandy Silt	11/2002	8.7
	3' - 4'	Cadmium	---	---	---	Sandy Silt/Peat	11/2002	2,330
SB-203	0" - 2"	Cadmium	---	---	---	---	11/2002	8.7
	0' - 1'	Cadmium	---	---	---	Silty Sand	11/2002	6.1
	1' - 2'	Cadmium	---	---	---	Silty Sand	11/2002	<0.58
	2' - 3'	Cadmium	---	---	---	Silty Sand	11/2002	2.0
	3' - 4'	Cadmium	---	---	---	Silty Sand	11/2002	353
SB-204	0' - 1'	Cadmium	---	---	---	Silty Sand	11/2002	98.1
	1' - 2'	Cadmium	---	---	---	Silty Sand	11/2002	47.6
	2' - 3'	Cadmium	---	---	---	Silty Sand	11/2002	80.4
	3' - 4'	Cadmium	---	---	---	Silty Sand/Peat	11/2002	219
SB-205	0" - 2"	Cadmium	---	---	---	---	11/2002	2.5
	0' - 1'	Cadmium	---	---	---	Topsoil	11/2002	16.4
	1' - 2'	Cadmium	---	---	---	Fill	11/2002	2.6
	2' - 3'	Cadmium	---	---	---	Fill/Sandy Silt	11/2002	148
	3' - 4'	Cadmium	---	---	---	Sandy Silt/Peat	11/2002	291
SB-206	0" - 2"	Cadmium	---	---	---	---	11/2002	31.7
	0' - 1'	Cadmium	---	---	---	Topsoil	11/2002	29.4
	1' - 2'	Cadmium	---	---	---	Sandy Silt	11/2002	1.2
	2' - 3'	Cadmium	---	---	---	Sandy Silt/Peat	11/2002	79.8
	3' - 4'	Cadmium	---	---	---	Peat	11/2002	82.6
SB-207	0' - 1'	Cadmium	---	---	---	Topsoil	11/2002	45.8
	1' - 2'	Cadmium	---	---	---	Sandy Silt	11/2002	233
	2' - 3'	Cadmium	---	---	---	Sandy Silt	11/2002	71.4
	3' - 4'	Cadmium	---	---	---	Silty Sand	11/2002	125
SB-208	0" - 2"	Cadmium	---	---	---	---	11/2002	32.7
	0' - 1'	Cadmium	---	---	---	Silty Sand	11/2002	63.7
	1' - 2'	Cadmium	---	---	---	Silty Sand	11/2002	27.3
	2' - 3'	Cadmium	---	---	---	Silty Sand	11/2002	600
	3' - 4'	Cadmium	---	---	---	Sandy Silt	11/2002	41.7
SB-209	0" - 2"	Cadmium	---	---	---	---	11/2002	14.7
	0' - 1'	Cadmium	---	---	---	Sandy Silt	11/2002	11.8
	1' - 2'	Cadmium	---	---	---	Silty Sand	11/2002	14.3
	2' - 3'	Cadmium	---	---	---	Silty Sand	11/2002	10.0
	3' - 4'	Cadmium	---	---	---	Silty Sand	11/2002	10.7
SB-210	0" - 2"	Cadmium	---	---	---	---	11/2002	4.9
	0' - 1'	Cadmium	---	---	---	Silty Sand	11/2002	3.8
	1' - 2'	Cadmium	---	---	---	Silty Sand	11/2002	7.6
	2' - 3'	Cadmium	---	---	---	Silty Sand	11/2002	1.9
	3' - 4'	Cadmium	---	---	---	Silty Sand	11/2002	<0.54
SB-211	0" - 6"	Cadmium	---	---	---	---	11/2002	3.6
	6" - 12"	Cadmium	---	---	---	---	11/2002	6.8
	0' - 1'	Lithology	---	---	---	Sandy Silt	11/2002	NA
	1' - 2'	Cadmium	---	---	---	Cobbles, Sand	11/2002	<0.60
	2' - 3'	Cadmium	---	---	---	Cobbles, Sand	11/2002	<0.56
	3' - 4'	Cadmium	---	---	---	Sandy Silt	11/2002	<0.61

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SB-212	0" - 6"	Cadmium	---	---	---	---	11/2002	8.0
	6" - 12"	Cadmium	---	---	---	Silty Sand	11/2002	2.6
	1' - 2'	Cadmium	---	---	---	Sandy Silt	11/2002	<0.59
	2' - 3'	Cadmium	---	---	---	Sandy Silt	11/2002	<0.62
	3' - 4'	Cadmium	---	---	---	Sandy Silt	11/2002	<0.75
SB-217	0" - 2"	Cadmium	384.5	389.18	Above	Organic Silt/Sand	10/29/2003	1.5
	0' - 1'	Cadmium	384.5	388.18	Above	Organic Silt/Sand	10/29/2003	6.0
	1' - 2'	Cadmium	384.5	387.18	Above	Organic Silt/Sand	10/29/2003	2.1
	2' - 3'	Cadmium	384.5	386.18	Above	Sandy Silt	10/29/2003	0.68
	3' - 4'	Cadmium	384.5	385.18	Above	Clayey Silt	10/29/2003	<0.65
	4' - 5'	Cadmium	384.5	384.18	At	Till	10/29/2003	<0.53
SB-218	0" - 2"	Cadmium	384.5	390.79	Above	Topsoil	10/29/2003	1.0
	0' - 1'	Cadmium	384.5	389.79	Above	Silty Sand	10/29/2003	0.76
	1' - 2'	Cadmium	384.5	388.79	Above	Silty Sand	10/29/2003	<0.60
	2' - 3'	Cadmium	384.5	387.79	Above	Fill	10/29/2003	<0.60
	3' - 4'	Cadmium	384.5	386.79	Above	Fill to Organic Silt Sand to Silt/Sand/ Gravel	10/29/2003	<0.67
	4' - 5'	Cadmium	384.5	385.79	Above	Silt/Sand/ Gravel	10/29/2003	<0.63
	5' - 6'	Cadmium	384.5	384.79	At	Silt/Sand/ Gravel/Peat	10/29/2003	<0.56
	6' - 7'	Cadmium	384.5	383.79	Below	Till	10/29/2003	<0.55
	7' - 8'	Lithology	384.5	382.79	Below	Till	10/29/2003	NA
SB-219	0" - 2"	Cadmium	383.5	385.96	Above	Topsoil	10/30/2003	247
	0' - 1'	Cadmium	383.5	384.96	Above	Topsoil	10/30/2003	466 [29]
	1' - 2'	Cadmium	383.5	383.96	At	Organic Silt/Sand	10/30/2003	40.5
	2' - 3'	Cadmium	383.5	382.96	Below	Organic Silt/Sand	10/30/2003	270
	3' - 4'	Cadmium	383.5	381.96	Below	Organic Silt/Sand	10/30/2003	2,200
	4' - 5'	Cadmium	383.5	380.96	Below	Silt/Sand/ Cobble	10/30/2003	153
	5' - 6'	Cadmium	383.5	379.96	Below	Till	10/30/2003	<0.54
	6' - 7'	Lithology	383.5	378.96	Below	Till	10/30/2003	NA
	7' - 8'	Lithology	383.5	377.96	Below	Till	10/30/2003	NA
SB-220	0" - 2"	Cadmium	383.5	388.56	Above	Silty Sand	10/30/2003	1.5
	0' - 1'	Cadmium	383.5	387.56	Above	Silty Sand	10/30/2003	<0.60
	1' - 2'	Cadmium	383.5	386.56	Above	Silty Sand	10/30/2003	<0.57
	2' - 3'	Cadmium	383.5	385.56	Above	Silty Sand	10/30/2003	<0.56
	3' - 4'	Cadmium	383.5	384.56	Above	Silty Sand	10/30/2003	<0.58
	4' - 5'	Cadmium	383.5	383.56	At	Silt/Sand/ Gravel/Cobble	10/30/2003	<0.54
	5' - 6'	Cadmium	383.5	382.56	Below	Silt/Sand/ Gravel/Cobble	10/30/2003	<0.56
	6' - 7'	Cadmium	383.5	381.56	Below	Silt/Sand/ Gravel/Cobble	10/30/2003	<0.54
	7' - 8'	Cadmium	383.5	380.56	Below	Silt/Sand/ Gravel/Cobble	10/30/2003	<0.56
SB-221	0" - 2"	Cadmium	382.1	384.32	Above	Topsoil	10/28/2003	65.1
	0' - 1'	Cadmium	382.1	383.32	Above	Silty Sand	10/28/2003	59.1
	1' - 2'	Cadmium	382.1	382.32	At	Silty Sand to Organic Silt/Sand	10/28/2003	1,430
	2' - 3'	Cadmium	382.1	381.32	Below	Organic Silt/Sand	10/28/2003	2,090
	3' - 4'	Cadmium	382.1	380.32	Below	Sandy Silt to Till	10/28/2003	13.3
	4' - 5'	Cadmium	382.1	379.32	Below	Till	10/28/2003	<0.56
SB-222	0" - 2"	Cadmium	382.1	383.87	Above	Topsoil	10/28/2003	508
	0' - 1'	Cadmium	382.1	382.87	Above	Organic Silt/Sand	10/28/2003	434
	1' - 2'	Cadmium	382.1	381.87	At	Silty Sand	10/28/2003	36.4
	2' - 3'	Cadmium	382.1	380.87	Below	Silty Sand	10/28/2003	1.3
	3' - 4'	Cadmium	382.1	379.87	Below	Organic Silt/Sand	10/28/2003	0.65
	4' - 5'	Cadmium	382.1	378.87	Below	Organic Silt/Sand	10/28/2003	8.1
	5' - 6'	Cadmium	382.1	377.87	Below	Till	10/28/2003	<0.53
	6' - 7'	Lithology	382.1	376.87	Below	Till	10/28/2003	NA

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SB-223	0" - 2"	Cadmium	381.5	380.90	Below	Organic Silt/Sand	10/28/2003	937
	0' - 1'	Cadmium	381.5	379.90	Below	Organic Silt/Sand	10/28/2003	1,960
	1' - 2'	Cadmium	381.5	378.90	Below	Organic Silt/Sand	10/28/2003	389
	2' - 3'	Cadmium	381.5	377.90	Below	Organic Silt/Sand	10/28/2003	7.5
	3' - 4'	Cadmium	381.5	376.90	Below	Organic Silt/Sand	10/28/2003	2.5 [2.8]
	4' - 5'	Cadmium	381.5	375.90	Below	Till	10/28/2003	26.6
	5' - 6'	Cadmium	381.5	374.90	Below	Till	10/28/2003	<0.55
	6' - 7'	Cadmium	381.5	373.90	Below	Till	10/28/2003	<0.533
	7' - 8'	Cadmium	381.5	372.90	Below	Till	10/28/2003	<0.545
SB-224	0" - 2"	Cadmium	381.5	382.28	Above	Silty Sand	10/28/2003	9.6
	0' - 1'	Cadmium	381.5	381.28	At	Silty Sand	10/28/2003	3.1
	1' - 2'	Cadmium	381.5	380.28	Below	Silty Sand	10/28/2003	897
	2' - 3'	Cadmium	381.5	379.28	Below	Organic Silt/Sand	10/28/2003	1,630
	3' - 4'	Cadmium	381.5	378.28	Below	Organic Silt/Sand to Till	10/28/2003	212
	4' - 5'	Cadmium	381.5	377.28	Below	Till	10/28/2003	17.5
	5' - 6'	Cadmium	381.5	376.28	Below	Till	10/28/2003	<0.54
	6' - 7'	Cadmium	381.5	375.28	Below	Till	10/28/2003	<0.546
SB-225	0" - 2"	Cadmium	379.2	381.14	Above	Silty Sand	10/28/2003	70.9
	0' - 1'	Cadmium	379.2	380.14	Above	Silty Sand	10/27/2003	28.5
	1' - 2'	Cadmium	379.2	379.14	At	Silty Sand	10/27/2003	5.2
	2' - 3'	Cadmium	379.2	378.14	Below	Organic Silt/Sand	10/27/2003	1,240
	3' - 4'	Cadmium	379.2	377.14	Below	Organic Silt/Sand	10/27/2003	8.6
	4' - 5'	Cadmium	379.2	376.14	Below	Organic Silt/Sand	10/27/2003	1,140
	5' - 6'	Cadmium	379.2	375.14	Below	Silty Sand/Gravel/Cobbles	10/27/2003	<0.50
	6' - 7'	Cadmium	379.2	374.14	Below	Silty Sand/Gravel/Cobbles	10/27/2003	<0.51
	7' - 8'	Cadmium	379.2	373.14	Below	Silty Sand/Gravel/Cobbles	10/27/2003	<0.52
	8' - 9'	Lithology	379.2	372.14	Below	Silty Sand/Gravel/Cobbles	10/27/2003	NA
	9' - 10'	Lithology	379.2	371.14	Below	Silty Sand/Gravel/Cobbles	10/27/2003	NA
SB-226	0" - 2"	Cadmium	379.2	380.59	Above	Silty Sand	10/28/2003	151
	0' - 1'	Cadmium	379.2	379.59	At	Silty Sand	10/27/2003	15.4
	1' - 2'	Cadmium	379.2	378.59	Below	Organic Silt/Sand	10/27/2003	124
	2' - 3'	Cadmium	379.2	377.59	Below	Organic Silt/Sand	10/27/2003	4.2 [3.9]
	3' - 4'	Cadmium	379.2	376.59	Below	Organic Silt/Sand	10/27/2003	0.80
	4' - 5'	Cadmium	379.2	375.59	Below	Till	10/27/2003	4.3
	5' - 6'	Cadmium	379.2	374.59	Below	Till	10/27/2003	<0.55
	6'-7'	Cadmium	379.2	373.59	Below	Till	10/27/2003	<0.53
	7' - 8'	Cadmium	379.2	372.59	Below	Till	10/27/2003	<0.53
SB-227	0" - 2"	Cadmium	384.4	386.29	Above	Topsoil	10/28/2003	41.7
	0' - 1'	Cadmium	384.4	385.29	Above	Silty Sand	10/28/2003	63.8
	1' - 2'	Cadmium	384.4	384.29	At	Silty Sand	10/28/2003	235
	2' - 3'	Cadmium	384.4	383.29	Below	Sandy Silt	10/28/2003	86.4
	3' - 4'	Cadmium	384.4	382.29	Below	Organic Silt/Sand to Till	10/28/2003	13.7
SB-228	0" - 2"	Cadmium	383.1	384.13	Above	Topsoil	10/28/2003	12.6
	0' - 1'	Cadmium	383.1	383.13	At	Silty Sand To Silty Clay	10/28/2003	1.5 [1.1]
	1' - 2'	Cadmium	383.1	382.13	Below	Silty Sand	10/28/2003	<0.59
	2' - 3'	Cadmium	383.1	381.13	Below	Silty Sand/ Gravel	10/28/2003	5.6
SB-229	0" - 2"	Cadmium	369.9	376.82	Above	Topsoil	10/21/2003	1.4
	0' - 1'	Cadmium	369.9	375.82	Above	Silty Sand	10/21/2003	1.9
	1' - 2'	Cadmium	369.9	374.82	Above	Silty Sand	10/21/2003	0.67
	2' - 3'	Cadmium	369.9	373.82	Above	Silty Sand	10/21/2003	<0.61 [<0.60]
	3' - 4'	Cadmium	369.9	372.82	Above	Silty Sand	10/21/2003	<0.61
	4' - 5'	Cadmium	369.9	371.82	Above	Silty Sand	10/21/2003	103
	5' - 6'	Cadmium	369.9	370.82	Above	Organic Silt/Sand	10/21/2003	1,390
	6' - 7'	Cadmium	369.9	369.82	At	Organic Silt/Sand to Clayey Silt	10/21/2003	247
	7' - 8'	Cadmium	369.9	368.82	Below	Clayey Silt to Silty Clay	10/21/2003	2.7

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SB-230	0" - 2"	Cadmium	367.6	376.54	Above	Topsoil	10/23/2003	23.5
	0' - 1'	Cadmium	367.6	375.54	Above	Sandy Silt	10/23/2003	10.1
	1' - 2'	Cadmium	367.6	374.54	Above	Fill	10/23/2003	5.2 [1.50]
	2' - 3'	Cadmium	367.6	373.54	Above	Fill	10/23/2003	<0.57
	3' - 4'	Cadmium	367.6	372.54	Above	Silty Sand	10/23/2003	0.81
	4' - 5'	Cadmium	367.6	371.54	Above	Silty Sand	10/23/2003	<0.60
	5' - 6'	Cadmium	367.6	370.54	Above	Silty Sand to Silty Clay	10/23/2003	<0.61
	6' - 7'	Cadmium	367.6	369.54	Above	Organic Silty Clay	10/23/2003	6.0
	7' - 8'	Cadmium	367.6	368.54	Above	Organic Silty Clay	10/23/2003	<0.65 [<0.68]
	8' - 9'	Cadmium	367.6	367.54	At	Silty Clay	10/23/2003	<0.62
	9' - 10'	Cadmium	367.6	366.54	Below	Silty Clay	10/23/2003	<0.59
	10' - 11'	Cadmium	367.6	365.54	Below	Organic Silty Clay	10/23/2003	<0.67
	11' - 12'	Cadmium	367.6	364.54	Below	Silty Clay	10/23/2003	<0.62
	12' - 13'	Lithology	367.6	363.54	Below	Silty Clay	10/23/2003	NA
	13' - 14'	Lithology	367.6	362.54	Below	Silty Clay	10/23/2003	NA
	14' - 15'	Lithology	367.6	361.54	Below	Silty Clay	10/23/2003	NA
SB-231	0" - 6"	Cadmium	362.5	366.68	Above	Silty Sand	11/3/2003	1.0
	6" - 12"	Cadmium	362.5	365.68	Above	Silty Sand	11/3/2003	0.82
	1' - 2'	Cadmium	362.5	364.68	Above	Silty Sand	11/3/2003	0.72
	2' - 3'	Cadmium	362.5	363.68	Above	Silty Sand	11/3/2003	<0.60
	3' - 4'	Cadmium	362.5	362.68	At	Silty Sand	11/3/2003	<0.64
	4' - 5'	Cadmium	362.5	361.68	Below	Silty Sand to Organic Clayey Silt	11/3/2003	<0.63
	5' - 6'	Cadmium	362.5	360.68	Below	Organic Clayey Silt	11/3/2003	<0.68
	6' - 7'	Cadmium	362.5	359.68	Below	Organic Clayey Silt	11/3/2003	<0.59
	7' - 8'	Cadmium	362.5	358.68	Below	Sand/Gravel/ Shells	11/3/2003	<0.74
SB-232	0" - 6"	Cadmium	362.5	365.99	Above	Silty Sand	11/3/2003	23.9
	6" - 12"	Cadmium	362.5	364.99	Above	Silty Sand	11/3/2003	21.6
	1' - 2'	Cadmium	362.5	363.99	Above	Silty Sand	11/3/2003	40.8
	2' - 3'	Cadmium	362.5	362.99	Above	Silty Sand	11/3/2003	5.3
	3' - 4'	Cadmium	362.5	361.99	Below	Silty Sand to Organic Clayey Silt	11/3/2003	<0.71
	4' - 5'	Cadmium	362.5	360.99	Below	Organic Clayey Silt	11/3/2003	<0.70
SB-400	0" - 2"	Cadmium	383.5	391.92	Above	Topsoil	10/30/2003	<0.72
	0' - 1'	Cadmium	383.5	390.92	Above	Topsoil	10/30/2003	<0.59
	1' - 2'	Cadmium	383.5	389.92	Above	Silty Sand	10/30/2003	<0.56
	2' - 3'	Cadmium	383.5	388.92	Above	Silty Sand	10/30/2003	<0.54
	3' - 4'	Cadmium	383.5	387.92	Above	Silty Sand	10/30/2003	<0.53
	4' - 5'	Cadmium	383.5	386.92	Above	Silty Sand	10/30/2003	<0.55
	5' - 6'	Cadmium	383.5	385.92	Above	Silty Sand	10/30/2003	<0.55
	6' - 7'	Cadmium	383.5	384.92	Above	Silty Sand/ Gravel	10/30/2003	<0.53
	7' -8 '	Cadmium	383.5	383.92	At	Silty Sand/ Gravel	10/30/2003	<0.54
	8' - 9'	Cadmium	383.5	382.92	Below	Sand	10/30/2003	<0.55
	9' - 10'	Cadmium	383.5	381.92	Below	Sand	10/30/2003	<0.54
	10' - 11'	Cadmium	383.5	380.92	Below	Silty Sand/ Gravel	10/30/2003	<0.56
	11' - 12'	Cadmium	383.5	379.92	Below	Silty Sand/ Gravel	10/30/2003	<0.53
	12' - 13'	Cadmium	383.5	378.92	Below	Silty Sand/ Gravel	10/30/2003	<0.56
	13' - 14'	Cadmium	383.5	377.92	Below	Silty Sand/ Gravel	10/30/2003	<0.54
	14' - 15'	Cadmium	383.5	376.92	Below	Silty Sand/ Gravel	10/30/2003	<0.55
	15' - 16'	Cadmium	383.5	375.92	Below	Silty Sand/ Gravel	10/30/2003	<0.54
SB-401	0" - 2"	Cadmium	384.4	387.39	Above	Organic Silt/Sand	10/28/2003	489
	0' - 1'	Cadmium	384.4	386.37	Above	Organic Silt/Sand	10/28/2003	771
	1' - 2'	Cadmium	384.4	385.37	Above	Organic Silt/Sand	10/28/2003	61.5
	2' - 3'	Cadmium	384.4	384.37	At	Organic Silt/Sand to Till	10/28/2003	35.6
	3' - 4'	Cadmium	384.4	383.37	Below	Till	10/28/2003	<0.55

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Boring ID	Sampling Interval	Analyte	Brook Elevation (ft)	Sample Elevation (ft)	Sample Relation to Brook Level	General Lithology	Collection Date	Result (mg/kg)
SB-402	0" - 2"	Cadmium	384.5	389.59	Above	Organic Silt/Sand	10/29/2003	22.0
	0' - 1'	Cadmium	384.5	388.59	Above	Organic Silt/Sand	10/29/2003	<0.69
	1' - 2'	Cadmium	384.5	387.59	Above	Organic Silt/Sand	10/29/2003	<0.63
	2' - 3'	Cadmium	384.5	386.59	Above	Organic Silt/Sand /Gravel	10/29/2003	<0.68
	3' - 4'	Cadmium	384.5	385.59	Above	Organic Silt/Sand /Gravel	10/29/2003	<0.63
	4' - 5'	Cadmium	384.5	384.59	At	Organic Silt/Sand /Gravel	10/29/2003	<0.64
	5' - 6'	Cadmium	384.5	383.59	Below	Organic Silt/Sand /Gravel to Sand	10/29/2003	<0.61 [<0.61]
	6' - 7'	Cadmium	384.5	382.59	Below	Till	10/29/2003	<0.56
SB-403	0" - 2"	Cadmium	383.5	385.52	Above	Topsoil	10/30/2003	17.8
	0' - 1'	Cadmium	383.5	384.52	Above	Organic Silt/Sand	10/30/2003	16.3
	1' - 2'	Cadmium	383.5	383.52	At	Organic Silt/Sand	10/30/2003	38.3
	2' - 3'	Cadmium	383.5	382.52	Below	Silt/Sand/ Gravel/Cobble	10/30/2003	89.1
	3' - 4'	Cadmium	383.5	381.52	Below	Silt/Sand/ Gravel/Cobble	10/30/2003	5.3
SB-404	0" - 2"	Cadmium	382.4	385.59	Above	Topsoil	10/28/2003	11.4
	0' - 1'	Cadmium	382.4	384.59	Above	Silty Sand	10/28/2003	9.8 [10.3]
	1' - 2'	Cadmium	382.4	383.59	Above	Silty Sand	10/28/2003	1.3
	2' - 3'	Cadmium	382.4	382.59	At	Silty Sand	10/28/2003	<0.57
	3' - 4'	Cadmium	382.4	381.59	Below	Silty Sand	10/28/2003	<0.54
	4' - 5'	Cadmium	382.4	380.59	Below	Till	10/28/2003	<0.53
	5' - 6'	Lithology	382.4	379.59	Below	Till	10/28/2003	NA
	6' - 7'	Lithology	382.4	378.59	Below	Till	10/28/2003	NA
SB-405	0" - 2"	Cadmium	381.5	384.96	Above	Topsoil	10/28/2003	2.0
	0' - 1'	Cadmium	381.5	383.96	Above	Silty Sand	10/28/2003	<0.61
	1' - 2'	Cadmium	381.5	382.96	Above	Silty Sand	10/28/2003	<0.64
	2' - 3'	Cadmium	381.5	381.96	At	Sand/Gravel	10/28/2003	<0.56
	3' - 4'	Cadmium	381.5	380.96	Below	Fill	10/28/2003	<0.60
	4' - 5'	Cadmium	381.5	379.96	Below	Fill	10/28/2003	<0.63
	5' - 6'	Cadmium	381.5	378.96	Below	Silty Sand	10/28/2003	<0.54
	6' - 7'	Cadmium	381.5	377.96	Below	Till	10/28/2003	<0.53
	7' - 8'	Lithology	381.5	376.96	Below	Till	10/28/2003	NA
SB-406	0" - 2"	Cadmium	379.2	381.26	Above	Gravel	10/28/2003	4.6
	0' - 1'	Cadmium	379.2	380.26	Above	Gravel	10/27/2003	0.92
	1' - 2'	Cadmium	379.2	379.26	At	Silty Sand	10/27/2003	<0.56
	2' - 3'	Cadmium	379.2	378.26	Below	Silty Sand	10/27/2003	<0.52 [<0.55]
	3' - 4'	Cadmium	379.2	377.26	Below	Silty Sand	10/27/2003	<0.55
	4' - 5'	Cadmium	379.2	376.26	Below	Silty Sand	10/27/2003	<0.56
	5' - 6'	Cadmium	379.2	375.26	Below	Silty Sand	10/27/2003	<0.53
	6' - 7'	Cadmium	379.2	374.26	Below	Silty Sand	10/27/2003	<0.53
	7' - 8'	Cadmium	379.2	373.26	Below	Silty Sand	10/27/2003	<0.54
	8' - 9'	Lithology	379.2	372.26	Below	Sand/Gravel/Cobbles	10/27/2003	NA
	9' - 10'	Lithology	379.2	371.26	Below	Sand/Gravel/Cobbles	10/27/2003	NA
SB-407	0" - 2"	Cadmium	377.6	380.91	Above	Topsoil	10/30/2003	392
	0' - 1'	Cadmium	377.6	379.91	Above	Silty Sand	10/30/2003	170
	1' - 2'	Cadmium	377.6	378.91	Above	Silty Sand	10/30/2003	0.86
	2' - 3'	Cadmium	377.6	377.91	At	Organic Silt/Sand	10/30/2003	<0.59 [<0.58]
	3' - 4'	Cadmium	377.6	376.91	Below	Organic Silt/Sand	10/30/2003	<0.60
	4' - 5'	Cadmium	377.6	375.91	Below	Organic Silt/Sand to Peat	10/30/2003	49.1
	5' - 6'	Cadmium	377.6	374.91	Below	Till	10/30/2003	<0.56
	6' - 7'	Lithology	377.6	373.91	Below	Till	10/30/2003	NA

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SB-408	0" - 2"	Cadmium	377.6	382.11	Above	Topsoil	10/28/2003	4.7
	0' - 1'	Cadmium	377.6	381.11	Above	Silty Sand	10/27/2003	1.1
	1' - 2'	Cadmium	377.6	380.11	Above	Silty Sand	10/27/2003	<0.62
	2' - 3'	Cadmium	377.6	379.11	Above	Silty Sand	10/27/2003	<0.54
	3' - 4'	Cadmium	377.6	378.11	Above	Sand/Gravel/Cobbles	10/27/2003	<0.52
	4' - 5'	Cadmium	377.6	377.11	At	Sand/Gravel/Cobbles	10/27/2003	<0.52
	5' - 6'	Cadmium	377.6	376.11	Below	Sand/Gravel/Cobbles	10/27/2003	<0.52
	6' - 7'	Cadmium	377.6	375.11	Below	Clayey Silt	10/27/2003	<0.56
	7' - 8'	Cadmium	377.6	374.11	Below	Clayey Silt	10/27/2003	<0.54
	8' - 9'	Lithology	377.6	373.11	Below	Clayey Silt	10/27/2003	NA
	9' - 10'	Lithology	377.6	372.11	Below	Clayey Silt	10/27/2003	NA
	10' - 11'	Lithology	377.6	371.11	Below	Silty Sand	10/27/2003	NA
	11' - 12'	Lithology	377.6	370.11	Below	Silty Sand	10/27/2003	NA
SB-409	0" - 2"	Cadmium	376.2	380.44	Above	Topsoil	10/28/2003	153
	0' - 1'	Cadmium	376.2	379.44	Above	Silty Sand	10/28/2003	61.6
	1' - 2'	Cadmium	376.2	378.44	Above	Silty Sand	10/28/2003	0.7
	2' - 3'	Cadmium	376.2	377.44	Above	Silty Sand	10/28/2003	<0.57
	3' - 4'	Cadmium	376.2	376.44	At	Silty Sand	10/28/2003	<0.59
	4' - 5'	Cadmium	376.2	375.44	Below	Silty Sand	10/28/2003	4.4
	5' - 6'	Cadmium	376.2	374.44	Below	Silty Sand to Organic Silt/Sand	10/28/2003	992 [1,360]
	6' - 7'	Cadmium	376.2	373.44	Below	Organic Silt/Sand	10/28/2003	2.4
	7' - 8'	Cadmium	376.2	372.44	Below	Sand/Gravel	10/28/2003	0.96
	8' - 9'	Cadmium	376.2	371.44	Below	Peat to Organic Silt/Sand	10/28/2003	1,540
	9' - 10'	Cadmium	376.2	370.44	Below	Organic Silt/Sand to Sand/Gravel	10/28/2003	1.2
	10' - 11'	Cadmium	376.2	369.44	Below	Sand/Gravel	10/28/2003	<0.56
	11' - 12'	Cadmium	376.2	368.44	Below	Till	10/28/2003	<0.53
SB-410	0" - 2"	Cadmium	376.2	378.99	Above	Silty Sand	10/28/2003	2.2
	0' - 1'	Cadmium	376.2	377.99	Above	Silty Sand	10/28/2003	1.6
	1' - 2'	Cadmium	376.2	376.99	Above	Silty Sand	10/28/2003	16.3
	2' - 3'	Cadmium	376.2	375.99	At	Silty Sand to Peat	10/28/2003	4,230
	3' - 4'	Cadmium	376.2	374.99	Below	Peat	10/28/2003	7.7
	4' - 5'	Cadmium	376.2	373.99	Below	Peat to Clayey Silt	10/28/2003	463
	5' - 6'	Cadmium	376.2	372.99	Below	Organic Silt/Sand	10/28/2003	1.4
SB-411	0" - 2"	Cadmium	376.2	379.09	Above	Topsoil	10/28/2003	15.6
	0' - 1'	Cadmium	376.2	378.09	Above	Silty Sand	10/28/2003	3.6
	1' - 2'	Cadmium	376.2	377.09	Above	Silty Sand	10/28/2003	4.3
	2' - 3'	Cadmium	376.2	376.09	At	Organic Silt/Sand	10/28/2003	<1.0
	3' - 4'	Cadmium	376.2	375.09	Below	Organic Silt/Sand	10/28/2003	<0.78
	4' - 5'	Cadmium	376.2	374.09	Below	Organic Silt/Sand	10/28/2003	2.1
	5' - 6'	Cadmium	376.2	373.09	Below	Organic Silt/Sand to Sand/Gravel	10/28/2003	<0.63
	6' - 7'	Cadmium	376.2	372.09	Below	Sand	10/28/2003	<0.60 [<0.63]
	7' - 8'	Cadmium	376.2	371.09	Below	Sand to Till	10/28/2003	<0.56
SB-412	0" - 2"	Cadmium	376.2	378.81	Above	Topsoil	10/28/2003	29.3
	0' - 1'	Cadmium	376.2	377.81	Above	Silty Sand	10/28/2003	11.4
	1' - 2'	Cadmium	376.2	376.81	Above	Silty Sand	10/28/2003	71.8
	2' - 3'	Cadmium	376.2	375.81	At	Peat	10/28/2003	2,360
	3' - 4'	Cadmium	376.2	374.81	Below	Peat to Organic Silt/Sand	10/28/2003	1,140
	4' - 5'	Cadmium	376.2	373.81	Below	Organic Silt/Sand	10/28/2003	1,730
	5' - 6'	Cadmium	376.2	372.81	Below	Organic Silt/Sand	10/28/2003	13.6
	6' - 7'	Cadmium	376.2	371.81	Below	Till	10/28/2003	16.3
	7' - 8'	Cadmium	376.2	370.81	Below	Till	10/28/2003	1.1

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SB-413	0" - 2"	Lithology	372.6	377.15	Above	Sand	10/20/2003	NA
	0' - 1'	Lithology	372.6	376.15	Above	Sand	10/20/2003	NA
	1' - 2'	Lithology	372.6	375.15	Above	Sand to Silty Sand	10/20/2003	NA
	2' - 3'	Lithology	372.6	374.15	Above	Silty Sand	10/20/2003	NA
	3' - 4'	Lithology	372.6	373.15	Above	Organic Silt/Sand	10/20/2003	NA
	4' - 5'	Cadmium	372.6	372.15	At	Organic Silt/Sand	10/20/2003	2.2
	5' - 6'	Cadmium	372.6	371.15	Below	Organic Clayey Sand	10/20/2003	3.5
	6' - 7'	Cadmium	372.6	370.15	Below	Organic Silt/Sand	10/20/2003	<0.85
SB-414	0" - 2"	Cadmium	373.0	379.56	Above	Topsoil	10/24/2003	34.9
	0' - 1'	Cadmium	373.0	378.56	Above	Sandy Silt	10/24/2003	96.1
	1' - 2'	Cadmium	373.0	377.56	Above	Sandy Silt	10/24/2003	16.0
	2' - 3'	Cadmium	373.0	376.56	Above	Sandy Silt	10/24/2003	14.7 [13.9]
	3' - 4'	Cadmium	373.0	375.56	Above	Sandy Silt	10/24/2003	5,350
	4' - 5'	Cadmium	373.0	374.56	Above	Organic Silt/Sand	10/24/2003	120
	5' - 6'	Cadmium	373.0	373.56	Above	Organic Silt/Sand to Clayey Silt	10/24/2003	6.9
	6' - 7'	Cadmium	373.0	372.56	At	Organic Clayey Silt	10/24/2003	1.3
	7' - 8'	Cadmium	373.0	371.56	Below	Organic Silt/Sand	10/24/2003	<0.72
SB-415	0" - 2"	Cadmium	366.0	373.06	Above	Topsoil	10/23/2003	1.6
	0' - 1'	Cadmium	366.0	372.06	Above	Silty Sand	10/23/2003	0.99
	1' - 2'	Cadmium	366.0	371.06	Above	Silty Sand	10/23/2003	2.3
	2' - 3'	Cadmium	366.0	370.06	Above	Silty Sand	10/23/2003	<0.60
	3' - 4'	Cadmium	366.0	369.06	Above	Silty Sand to Clayey Silt	10/23/2003	<0.59
	4' - 5'	Cadmium	366.0	368.06	Above	Silty Sand	10/23/2003	2.1
	5' - 6'	Cadmium	366.0	367.06	Above	Silty Sand	10/23/2003	<0.60
	6' - 7'	Cadmium	366.0	366.06	At	Silty Sand	10/23/2003	<0.55
	7' - 8'	Cadmium	366.0	365.06	Below	Organic Silt/Sand	10/23/2003	<0.61 [<0.59]
	8' - 9'	Cadmium	366.0	364.06	Below	Silty Clay	10/23/2003	<0.64
	9' - 10'	Cadmium	366.0	363.06	Below	Silty Clay to Silty Sand	10/23/2003	<0.57
	10' - 11'	Lithology	366.0	362.06	Below	Silty Sand to Silty Clay	10/23/2003	NA
	11' - 12'	Lithology	366.0	361.06	Below	Silty Clay	10/23/2003	NA
	12' -13'	Lithology	366.0	360.06	Below	Silty Clay	10/23/2003	NA
	13' - 14'	Lithology	366.0	359.06	Below	Silty Clay	10/23/2003	NA
	14' - 15'	Lithology	366.0	358.06	Below	Silty Clay	10/23/2003	NA
	15' -16'	Lithology	366.0	357.06	Below	Silty Clay	10/23/2003	NA
SB-416	0" - 2"	Cadmium	366.3	372.03	Above	Topsoil	10/23/2003	44.4
	0' - 1'	Cadmium	366.3	371.03	Above	Silty Sand	10/23/2003	20.2
	1' - 2'	Cadmium	366.3	370.03	Above	Silty Sand	10/23/2003	6.8
	2' - 3'	Cadmium	366.3	369.03	Above	Silty Sand	10/23/2003	1.1
	3' - 4'	Cadmium	366.3	368.03	Above	Organic Silt/Sand	10/23/2003	123
	4' - 5'	Cadmium	366.3	367.03	Above	Organic Silt/Sand	10/23/2003	16.8
	5' - 6'	Cadmium	366.3	366.03	At	Organic Silt/Sand	10/23/2003	0.79
	6' - 7'	Cadmium	366.3	365.03	Below	Silty Clay	10/23/2003	<0.62
	7' - 8'	Cadmium	366.3	364.03	Below	Silty Clay	10/23/2003	<0.65
SB-417	0" - 2"	Cadmium	365.7	371.96	Above	Topsoil	10/24/2003	5.9
	0' - 1'	Cadmium	365.7	370.96	Above	Topsoil	10/24/2003	16.2
	1' - 2'	Cadmium	365.7	369.96	Above	Clayey Silt	10/24/2003	3.0
	2' - 3'	Cadmium	365.7	368.96	Above	Clayey Silt	10/24/2003	0.86
	3' - 4'	Cadmium	365.7	367.96	Above	Organic Clayey Silt	10/24/2003	109.0
	4' - 5'	Cadmium	365.7	366.96	Above	Organic Clayey Silt	10/24/2003	18.4
	5' - 6'	Cadmium	365.7	365.96	At	Organic Clayey Silt	10/24/2003	<0.73
	6' - 7'	Cadmium	365.7	364.96	Below	Organic Clayey Silt to Clay	10/24/2003	<0.63
	7' - 8'	Cadmium	365.7	363.96	Below	Silty Sand	10/24/2003	<0.73

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SB-418	0" - 6"	Cadmium	364.2	369.94	Above	Fill	11/3/2003	0.96
	6" - 12"	Cadmium	364.2	368.94	Above	Fill	11/3/2003	0.70
	1' - 2'	Cadmium	364.2	367.94	Above	Fill	11/3/2003	0.75
	2' - 3'	Cadmium	364.2	366.94	Above	Silty Sand/ Gravel	11/3/2003	<0.55
	3' - 4'	Cadmium	364.2	365.94	Above	Silty Sand to Organic Clayey Silt	11/3/2003	25.1
	4' - 5'	Cadmium	364.2	364.94	At	Organic Clayey Silt	11/3/2003	0.65
SB-419	0" - 6"	Cadmium	364.1	370.41	Above	Fill	11/3/2003	1.8
	6" - 12"	Cadmium	364.1	369.41	Above	Fill	11/3/2003	0.8
	1' - 2'	Cadmium	364.1	368.41	Above	Fill	11/3/2003	1.7
	2' - 3'	Cadmium	364.1	367.41	Above	Fill	11/3/2003	0.58
	3' - 4'	Cadmium	364.1	366.41	Above	Fill	11/3/2003	2.5
	4' - 5'	Cadmium	364.1	365.41	Above	Organic Clayey Silt	11/3/2003	1.3
SB-420	0" - 6"	Cadmium	364.1	370.42	Above	Fill	11/3/2003	64.0
	6" - 12"	Cadmium	364.1	369.42	Above	Fill	11/3/2003	87.1
	1' - 2'	Cadmium	364.1	368.42	Above	Fill	11/3/2003	63.5
	2' - 3'	Cadmium	364.1	367.42	Above	Fill	11/3/2003	1.9
	3' - 4'	Cadmium	364.1	366.42	Above	Fill to Organic Clayey Silt	11/3/2003	2.9
	4' - 5'	Cadmium	364.1	365.42	Above	Organic Clayey Silt	11/3/2003	1.1
SB-421	0" - 6"	Cadmium	364.1	371.01	Above	Fill	11/3/2003	1.9
	6" - 12"	Cadmium	364.1	370.01	Above	Fill	11/3/2003	0.60
	1' - 2'	Cadmium	364.1	369.01	Above	Fill	11/3/2003	1.3
	2' - 3'	Cadmium	364.1	368.01	Above	Fill	11/3/2003	3.6 [3.1]
	3' - 4'	Cadmium	364.1	367.01	Above	Fill	11/3/2003	<0.54
	4' - 5'	Cadmium	364.1	366.01	Above	Silty Sand	11/3/2003	<0.52
SB-422	0" - 6"	Cadmium	364.1	370.64	Above	Fill	11/3/2003	53.5
	6" - 12"	Cadmium	364.1	369.64	Above	Fill	11/3/2003	57.7
	1' - 2'	Cadmium	364.1	368.64	Above	Fill	11/3/2003	2.5
	2' - 3'	Cadmium	364.1	367.64	Above	Fill	11/3/2003	0.62
	3' - 4'	Cadmium	364.1	366.64	Above	Fill to Organic Clayey Silt	11/3/2003	1.2
	4' - 5'	Cadmium	364.1	365.64	Above	Organic Clayey Silt	11/3/2003	0.62
SB-423	0" - 6"	Cadmium	364.2	371.94	Above	Asphalt	10/31/2003	<0.53
	6" - 12"	Cadmium	364.2	370.94	Above	Sand/Gravel	10/31/2003	<0.52
	0' - 2'	Cadmium	364.2	369.94	Above	Asphalt/ Sand/ Gravel/ Fill	10/31/2003	<0.54
	2' - 4'	Cadmium	364.2	367.94	Above	Fill	10/31/2003	<0.56
	4' - 6'	Cadmium	364.2	365.94	Above	Fill to Sand	10/31/2003	<0.56 [<0.28]
	6' - 8'	Cadmium	364.2	363.94	Below	Clay	10/31/2003	<0.63
SB-424	0" - 6"	Cadmium	364.5	371.98	Above	Asphalt	10/31/2003	<0.53
	6" - 12"	Cadmium	364.5	370.98	Above	Fill	10/31/2003	<0.57
	0' - 2'	Cadmium	364.5	369.98	Above	Fill	10/31/2003	<0.59
	2' - 4'	Cadmium	364.5	367.98	Above	Fill to Sand/Gravel/Cobbles	10/31/2003	<0.57
	4' - 6'	Cadmium	364.5	365.98	Above	Sand/Gravel/Cobbles to Silty Sand	10/31/2003	<0.58
	6' - 8'	Cadmium	364.5	363.98	At	Silty Sand to Organic Silty Clay to Organic Clay	10/31/2003	<0.62
	8' - 10'	Cadmium	364.5	361.98	Below	Organic Clay	10/31/2003	<0.61
	10' - 12'	Cadmium	364.5	359.98	Below	Sand to Clay	10/31/2003	<0.61
SB-425	0" - 6"	Cadmium	364.1	371.79	Above	Asphalt	10/31/2003	<0.53
	6" - 12"	Cadmium	364.1	370.79	Above	Silty Sand/ Gravel/Cobbles	10/31/2003	<0.55
	0' - 2'	Cadmium	364.1	369.79	Above	Asphalt/ Silty Sand/ Gravel/Cobbles	10/31/2003	<0.54
	2' - 4'	Cadmium	364.1	367.79	Above	Silty Sand/ Gravel/Cobbles to Sand	10/31/2003	<0.55
	4' - 6'	Cadmium	364.1	365.79	Above	Sand to Organic Clayey Silt	10/31/2003	22.0
	6' - 8'	Cadmium	364.1	363.79	At	Organic Clayey Silt to Clay	10/31/2003	<0.63
	8' - 10'	Cadmium	364.1	361.79	Below	Silty Clay to Clay to Sand/Gravel to Clay to Sand w/ Shells	10/31/2003	6.8
	10' - 12'	Cadmium	364.1	359.79	Below	Sand w/shells to Clay	10/31/2003	<0.59

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SB-426	0" - 6"	Cadmium	363.0	371.98	Above	Fill	10/31/2003	<0.58
	6" - 12"	Cadmium	363.0	370.98	Above	Fill	10/31/2003	<0.58
	0' - 2'	Cadmium	363.0	369.98	Above	Fill	10/31/2003	<0.56
	2' - 4'	Cadmium	363.0	367.98	Above	Silt/Sand/ Gravel/Cobble	10/31/2003	<0.55 [<0.56]
	4' - 6'	Cadmium	363.0	365.98	Above	Organic Clayey Silt	10/31/2003	28.9
	6' - 8'	Cadmium	363.0	363.98	At	Organic Clayey Silt	10/31/2003	21.1
	8' - 10'	Cadmium	363.0	361.98	Below	Organic Clayey Silt to Sand w/Shells	10/31/2003	11.7
	10' - 12'	Cadmium	363.0	359.98	Below	Clay to Organic Silty Clay to Silty Sand w/Shells	10/31/2003	<0.789
SB-427	0" - 6"	Cadmium	363.0	371.91	Above	Fill	10/31/2003	<0.59
	6" - 12"	Cadmium	363.0	370.91	Above	Fill	10/31/2003	<0.59
	0' - 2'	Cadmium	363.0	369.91	Above	Fill	10/31/2003	<0.58
	2' - 4'	Cadmium	363.0	367.91	Above	Fill	10/31/2003	<0.55
	4' - 6'	Cadmium	363.0	365.91	Above	Fill to Gravel/Sand/ Ceramic	10/31/2003	0.85
	6' - 8'	Cadmium	363.0	363.91	At	Organic Silty Clay	10/31/2003	4.8
	8' - 10'	Cadmium	363.0	361.91	Below	Sand w/shells to Clay	10/31/2003	<0.750
	10' - 12'	Cadmium	363.0	359.91	Below	Silty Clay, Wood @ 10'	10/31/2003	<0.832
SB-428	0" - 6"	Cadmium	363.0	370.79	Above	Sand/Gravel/Cobbles	10/31/2003	<0.57
	6" - 12"	Cadmium	363.0	369.79	Above	Sand/Gravel/Cobbles	10/31/2003	<0.55
	0' - 2'	Cadmium	363.0	368.79	Above	Sand/Gravel/Cobbles	10/31/2003	<0.54
	2' - 4'	Cadmium	363.0	366.79	Above	Sand/Gravel/Cobbles	10/31/2003	<0.55
	4' - 6'	Cadmium	363.0	364.79	Above	Sand/Gravel/Cobbles	10/31/2003	<0.56
	6' - 8'	Cadmium	363.0	362.79	At	Organic Silty Clay (ceramics @ 6") to Clay	10/31/2003	28.7
	8' - 10'	Cadmium	363.0	360.79	Below	Clay	10/31/2003	<0.693
	10' - 12'	Cadmium	363.0	358.79	Below	Organic Silty Sand to Sand w/Shells	10/31/2003	1.02
SB-429	0" - 6"	Cadmium	363.0	372.73	Above	Fill	10/31/2003	<0.60
	6" - 12"	Cadmium	363.0	371.73	Above	Fill	10/31/2003	0.58
	0' - 2'	Cadmium	363.0	370.73	Above	Fill	10/31/2003	<0.54
	2' - 4'	Cadmium	363.0	368.73	Above	Fill	10/31/2003	<0.55
	4' - 6'	Cadmium	363.0	366.73	Above	Clay	10/31/2003	0.67 [0.62]
	6' - 8'	Cadmium	363.0	364.73	Above	Silty Sand/ Gravel, Organic Clay, Ceramics	10/31/2003	<0.54
	8' - 10'	Cadmium	363.0	362.73	At	Ceramics to Organic Clayey Silt	10/31/2003	5.7
	10' - 12'	Cadmium	363.0	360.73	Below	Organic Clayey Silt	10/31/2003	0.73
	12' - 14'	Cadmium	363.0	358.73	Below	Organic Clayey Silt	10/31/2003	0.99
	14' - 16'	Cadmium	363.0	356.73	Below	Clay to Sand/Gravel/ Shells	10/31/2003	<0.71
SB-430	0" - 6"	Cadmium	362.9	373.62	Above	Fill	10/31/2003	<0.56
	6" - 12"	Cadmium	362.9	372.62	Above	Fill	10/31/2003	0.59
	0' - 2'	Cadmium	362.9	371.62	Above	Fill	10/31/2003	<0.57
	2' - 4'	Cadmium	362.9	369.62	Above	Fill	10/31/2003	0.57
	4' - 6'	Cadmium	362.9	367.62	Above	Fill	10/31/2003	<0.57
	6' - 8'	Cadmium	362.9	365.62	Above	Concrete to Sand/Gravel to Silty Sand	10/31/2003	<0.55
	8' - 10'	Cadmium	362.9	363.62	At	Silty Sand	10/31/2003	<0.59
	10' - 12'	Cadmium	362.9	361.62	Below	Gravel/Cobbles/Shells to Silty Clay	10/31/2003	2.5
SB-431	0" - 6"	Cadmium	362.9	374.38	Above	Fill	10/31/2003	<0.54
	6" - 12"	Cadmium	362.9	373.38	Above	Fill	10/31/2003	<0.54
	0' - 2'	Cadmium	362.9	372.38	Above	Fill	10/31/2003	<0.54
	2' - 4'	Cadmium	362.9	370.38	Above	Fill to Sand/Gravel	10/31/2003	3.0
	4' - 6'	Cadmium	362.9	368.38	Above	Silt/Sand/ Gravel to Fill	10/31/2003	0.78
	6' - 8'	Cadmium	362.9	366.38	Above	Fill	10/31/2003	0.71
	8' - 10'	Cadmium	362.9	364.38	Above	Cobbles/Ceramic to Silty Sand to Ceramics	10/31/2003	<0.57
	10' - 12'	Cadmium	362.9	362.38	At	Organic Silty Clay	10/31/2003	3.3

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SB-432	0" - 6"	Cadmium	362.5	364.60	Above	Organic Silt/Sand	11/3/2003	13.8
	6" - 12"	Cadmium	362.5	363.60	Above	Organic Silt/Sand	11/3/2003	<0.50
	1' - 2'	Cadmium	362.5	362.60	At	Silty Sand	11/3/2003	3.0
	2' - 3'	Cadmium	362.5	361.60	Below	Silty Sand	11/3/2003	<0.64
	3' - 4'	Cadmium	362.5	360.60	Below	Silty Sand to Organic Clayey Silt	11/3/2003	<0.75
	4' - 5'	Cadmium	362.5	359.60	Below	Sand/Gravel/ Shells	11/3/2003	<0.75
SB-433	0" - 6"	Cadmium	362.8	371.73	Above	Fill	10/31/2003	0.66
	6" - 12"	Cadmium	362.8	370.73	Above	Fill	10/31/2003	1.0
	0' - 2'	Cadmium	362.8	369.73	Above	Fill	10/31/2003	0.99
	2' - 4'	Cadmium	362.8	367.73	Above	Fill	10/31/2003	0.66
	4' - 6'	Cadmium	362.8	365.73	Above	Fill	10/31/2003	1.2
	6' - 8'	Cadmium	362.8	363.73	Above	Fill to Silty Sand/ Ceramics	10/31/2003	<0.57
	8' - 10'	Cadmium	362.8	361.73	Below	Organic Clayey Silt	10/31/2003	0.8
	10' - 12'	Cadmium	362.8	359.73	Below	Organic Clayey Silt	10/31/2003	<0.70
SB-434	0" - 6"	Cadmium	363.0	371.77	Above	Fill	10/31/2003	0.61
	6" - 12"	Cadmium	363.0	370.77	Above	Fill	10/31/2003	0.68
	0' - 2'	Cadmium	363.0	369.77	Above	Fill	10/31/2003	<0.57
	2' - 4'	Cadmium	363.0	367.77	Above	Fill	10/31/2003	1.9
	4' - 6'	Cadmium	363.0	365.77	Above	Fill	10/31/2003	1.3
	6' - 8'	Cadmium	363.0	363.77	Above	Fill to Silty Sand/ Ceramics	10/31/2003	1.3 [<0.54]
	8' - 10'	Cadmium	363.0	361.77	Below	Organic Clayey Silt/ Ceramics to Sand/Gravel/ Shells	10/31/2003	<0.78
	10' - 12'	Cadmium	363.0	359.77	Below	Sand/Gravel/ Shells	10/31/2003	<0.79
SB-435	0" - 2"	Cadmium	384.4	389.14	Above	Organic Silty Sand	4/28/2004	394
	0' - 1'	Cadmium	384.4	388.14	Above	Silty Sand	4/28/2004	166
	1' - 2'	Cadmium	384.4	387.14	Above	Silty Sand	4/28/2004	24.4
	2' - 3'	Cadmium	384.4	386.14	Above	Till	4/28/2004	4.43 [4.87]
SB-436	0" - 2"	Cadmium	384.4	388.91	Above	Organic Silt	4/28/2004	42.8
	0' - 1'	Cadmium	384.4	387.91	Above	Organic Silt	4/28/2004	23.4
	1' - 2'	Cadmium	384.4	386.91	Above	Organic Silt	4/28/2004	2.55
	2' - 3'	Cadmium	384.4	385.91	At	Organic Silt	4/28/2004	<0.736
SB-437	0" - 2"	Cadmium	384.4	390.63	Above	Organic Silt	4/28/2004	1.33
	0' - 1'	Cadmium	384.4	389.63	Above	Organic Silt	4/28/2004	<0.655
	1' - 2'	Cadmium	384.4	388.63	Above	Organic Silt	4/28/2004	<0.644
	2' - 3'	Cadmium	384.4	387.63	Above	Silt	4/28/2004	<0.596
	3' - 4'	Cadmium	384.4	386.63	Above	Silt	4/28/2004	<0.605
SB-438	0" - 2"	Cadmium	384.4	387.97	Above	Organic Silty Sand	4/28/2004	3.84
	0' - 1'	Cadmium	384.4	386.97	Above	Organic Silty Sand	4/28/2004	1.91
	1' - 2'	Cadmium	384.4	385.97	Above	Organic Silty Sand	4/28/2004	1.03
	2' - 3'	Cadmium	384.4	384.97	Above	Silty Sand	4/28/2004	4.63
	3' - 4'	Cadmium	384.4	383.97	At	Silty Sand	4/28/2004	5.65
SB-439	0" - 2"	Cadmium	382.4	387.12	Above	Organic Silty Sand	4/28/2004	1.34
	0' - 1'	Cadmium	382.4	386.12	Above	Organic Silty Sand	4/28/2004	<0.641
	1' - 2'	Cadmium	382.4	385.12	Above	Organic Silty Sand	4/28/2004	<0.634 [<0.628]
SB-440	0" - 2"	Cadmium	383.1	387.3	Above	Silty Sand	4/28/2004	1.45
	0' - 1'	Cadmium	383.1	386.3	Above	Silty Sand	4/28/2004	<0.644
	1' - 2'	Cadmium	383.1	385.3	Above	Sand	4/28/2004	<0.614
	2' - 3'	Cadmium	383.1	384.3	Above	Sand	4/28/2004	<0.576
	3' - 4'	Cadmium	383.1	383.3	Above	Sand	4/28/2004	<0.590
	4' - 5'	Cadmium	383.1	382.3	Above	Sand	4/28/2004	<0.610
SB-441	0" - 2"	Cadmium	381.5	383.56	Above	Organic Silty Sand	4/28/2004	2.37
	0' - 1'	Cadmium	381.5	382.56	Above	Organic Silty Sand	4/28/2004	13.4
	1' - 2'	Cadmium	381.5	381.56	At	Organic Silty Sand	4/28/2004	7.13
	2' - 3'	Cadmium	381.5	380.56	Below	Silty Sand	4/28/2004	2.37

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SB-442	0" - 2"	Cadmium	379.2	381.8	Above	Organic Silt	4/28/2004	4.74
	0' - 1'	Cadmium	379.2	380.8	Above	Organic Silty Sand	4/28/2004	0.685
	1' - 2'	Cadmium	379.2	379.8	At	Organic Silty Sand	4/28/2004	<0.618
	2' - 3'	Cadmium	379.2	378.8	Below	Sandy Silty Clay	4/28/2004	<0.618
SB-443	0" - 2"	Cadmium	379.2	381.02	Above	Organic Silty Sand	4/28/2004	31.4
	0' - 1'	Cadmium	379.2	380.02	Above	Silty Sand	4/28/2004	0.962
	1' - 2'	Cadmium	379.2	379.02	At	Silty Sand	4/28/2004	<0.663
	2' - 3'	Cadmium	379.2	378.02	Below	Organic Silt	4/28/2004	<0.871
	3' - 4'	Cadmium	379.2	377.02	Below	Silty Sandy Clay	4/28/2004	<0.624
SB-444	0" - 2"	Cadmium	377.6	381.08	Above	Topsoil	4/28/2004	84.7
	0' - 1'	Cadmium	377.6	380.08	Above	Sandy Silt	4/28/2004	71.3
	1' - 2'	Cadmium	377.6	379.08	Above	Sandy Silt	4/28/2004	6.06
	2' - 3'	Cadmium	377.6	378.08	Above	Sandy Silt	4/28/2004	28.4
	3' - 4'	Cadmium	377.6	377.08	At	Sandy Silt	4/28/2004	1.05
	4' - 5'	Cadmium	377.6	376.83	Below	Sandy Silt	4/28/2004	0.973
SB-445	0" - 2"	Cadmium	377.6	380.95	Above	Silty Sand	4/28/2004	135
	0' - 1'	Cadmium	377.6	379.95	Above	Silty Sand	4/28/2004	11.3
	1' - 2'	Cadmium	377.6	378.95	Above	Silty Clay	4/28/2004	5.31
	2' - 3'	Cadmium	377.6	377.95	Above	Silty Clay	4/28/2004	1.28
	3' - 4'	Cadmium	377.6	376.95	Above	Organic Silt	4/28/2004	1,910 [2,710]
	4' - 5'	Cadmium	377.6	376.05	Above	Silty Sand	4/28/2004	58.4
SB-446	0" - 2"	Cadmium	367.2	379.08	Above	Topsoil	4/29/2004	10.9
SB-447	0" - 2"	Cadmium	367.2	380.24	Above	Topsoil	4/29/2004	<0.814
SB-448	0" - 2"	Cadmium	367.2	380.65	Above	Sandy Silt	4/28/2004	4.15
	0' - 1'	Cadmium	367.2	379.65	Above	Silty Sand	4/28/2004	1.66
	1' - 2'	Cadmium	367.2	378.65	Above	Sandy Silt	4/28/2004	<0.608
	2' - 3'	Cadmium	367.2	377.65	Above	Sandy Silt	4/28/2004	<0.605
	3' - 4'	Cadmium	367.2	376.65	Above	Sandy Silt	4/28/2004	3,800
	4' - 5'	Cadmium	367.2	375.65	Above	Sandy Silt	4/28/2004	2,120
	5' - 6'	Cadmium	367.2	374.65	Above	Sand & Silt	4/28/2004	16.9
SB-449	0" - 2"	Cadmium	367.2	383.38	Above	Organic Silt	4/29/2004	0.909
	0' - 1'	Cadmium	367.2	382.38	Above	Organic Silt	4/29/2004	<0.665
	1' - 2'	Cadmium	367.2	381.38	Above	Organic Clayey Silt	4/29/2004	<0.605
	2' - 3'	Cadmium	367.2	380.38	Above	Clayey Silt	4/29/2004	<0.609
	3' - 4'	Cadmium	367.2	379.38	Above	Clayey Silt	4/29/2004	<0.613
	4' - 5'	Cadmium	367.2	378.38	Above	Clayey Silt	4/29/2004	<0.64
	5' - 6'	Cadmium	367.2	377.38	Above	Silty Clay	4/29/2004	<0.619
	6' - 7'	Cadmium	367.2	376.38	Above	Clayey Silt	4/29/2004	84.7
	7' - 8'	Cadmium	367.2	375.38	Above	Organic Silt	4/29/2004	2,220
	8' - 9'	Cadmium	367.2	374.38	Above	Silt	4/29/2004	8.27
	9' - 10'	Cadmium	367.2	372.38	Above	Sandy Silt	4/29/2004	14.6
	10' - 11'	Cadmium	367.2	371.38	Above	Organic Silt	4/29/2004	18.3
	11' - 11.5'	Cadmium	367.2	370.88	Above	Sandy Silt	4/29/2004	8.21
SB-450	0" - 2"	Cadmium	367.2	377.94	Above	Sandy Silt	4/29/2004	33.5
	0' - 1'	Cadmium	367.2	378.94	Above	Sandy Silt	4/29/2004	27.3
	1' - 2'	Cadmium	367.2	377.94	Above	Sand	4/29/2004	26.9
	2' - 3'	Cadmium	367.2	376.94	Above	Organic Clayey Silt	4/29/2004	38.0
	3' - 4'	Cadmium	367.2	375.94	Above	Silt	4/29/2004	10.4
	4' - 4.5'	Cadmium	367.2	375.44	Above	Silty Sand	4/29/2004	1.44
SB-451	0" - 2"	Cadmium	367.2	377.97	Above	Clayey Silt	4/29/2004	10.4
	0' - 1'	Cadmium	367.2	376.97	Above	Organic Sandy Silt	4/29/2004	9.4
	1' - 2'	Cadmium	367.2	375.97	Above	Sandy Silt	4/29/2004	3.53 [0.671]
	2' - 3'	Cadmium	367.2	374.97	Above	Sandy Silt	4/29/2004	196
	3' - 4'	Cadmium	367.2	373.97	Above	Silty Sand	4/29/2004	1,390

Table 1
Summary of Soil Lithology and Analytical Data
Design Soil Investigation Work Plan
West Branch of Bloody Brook
Bloody Brook Voluntary Cleanup Program
Onondaga County, New York

Boring ID	Sampling Interval	Analyte	Brook Elevation (ft)	Sample Elevation (ft)	Sample Relation to Brook Level	General Lithology	Collection Date	Result (mg/kg)
SB-452	0" - 2"	Cadmium	373.0	381.8	Above	Topsoil	4/29/2004	1.84
	0' - 1'	Cadmium	373.0	380.8	Above	Topsoil	4/29/2004	<0.654
	1' - 2'	Cadmium	373.0	379.8	Above	Clayey Silt	4/29/2004	<0.623
SB-453	0" - 2"	Cadmium	369.9	376.77	Above	Topsoil	4/29/2004	2.26
	0' - 1'	Cadmium	369.9	375.77	Above	Sandy Silt	4/29/2004	4.03
	1' - 2'	Cadmium	369.9	374.77	Above	Sandy Silt	4/29/2004	<0.590
	2' - 3'	Cadmium	369.9	373.77	Above	Sandy Silt	4/29/2004	<0.612
	3' - 4'	Cadmium	369.9	372.77	Above	Clayey Silt	4/29/2004	<0.623
	4' - 5'	Cadmium	369.9	371.77	Above	Clayey Silt	4/29/2004	3.29
	5' - 6'	Cadmium	369.9	370.77	Above	Clayey Silt	4/29/2004	91.9
	6' - 7'	Cadmium	369.9	369.77	At	Clayey Silt	4/29/2004	130
	7' - 8'	Cadmium	369.9	368.77	Below	Clayey Silt	4/29/2004	<0.734
SB-454	0" - 2"	Cadmium	376.6	376.79	Above	Topsoil	4/29/2004	4.9
	0' - 1'	Cadmium	367.6	375.79	Above	Silty Sand	4/29/2004	7.5
SB-455	0" - 2"	Cadmium	366.3	372.43	Above	Topsoil	4/29/2004	3.8
	0' - 1'	Cadmium	366.3	371.43	Above	Sandy Silt	4/29/2004	2.31
	1' - 2'	Cadmium	366.3	370.43	Above	Clayey Silt	4/29/2004	<0.615
	2' - 3'	Cadmium	366.3	369.43	Above	Clayey Silt	4/29/2004	<0.602
	3' - 4'	Cadmium	366.3	368.43	Above	Clayey Silt	4/29/2004	7.04
	4' - 5'	Cadmium	366.3	367.43	Above	Clayey Silt	4/29/2004	<0.681
SB-456	0" - 2"	Cadmium	373.0	384.58	Above	Topsoil	4/29/2004	<0.658
	0' - 1'	Cadmium	373.0	383.58	Above	Clayey Silt	4/29/2004	<0.607
	1' - 2'	Cadmium	373.0	382.58	Above	Silt	4/29/2004	<0.620
	2' - 3'	Cadmium	373.0	381.58	Above	Sandy Silt	4/29/2004	<0.619
	3' - 4'	Cadmium	373.0	380.58	Above	Clayey Silt	4/29/2004	<0.605
	4' - 5'	Cadmium	373.0	379.58	Above	Clayey Silt	4/29/2004	<0.588
	5' - 6'	Cadmium	373.0	378.58	Above	Sandy Silt	4/29/2004	1.46
SB-457	0" - 2"	Cadmium	384.4	387.53	Above	Organic Silt	4/29/2004	253
	0' - 1'	Cadmium	384.4	386.53	Above	Organic Silt	4/29/2004	84.5
	1' - 2'	Cadmium	384.4	385.53	Above	Sandy Silt	4/29/2004	12.5
	2' -2.25'	Cadmium	384.4	384.53	Above	Sandy Silt	4/29/2004	3.9
SB-458	0" - 2"	Cadmium	384.4	387.06	Above	Organic Sandy Silt	4/29/2004	446
	0' - 1'	Cadmium	384.4	386.06	Above	Organic Sandy Silt	4/29/2004	188
	1' - 2'	Cadmium	384.4	385.06	Above	Silt	4/29/2004	15.5
SB-459	0" - 2"	Cadmium	384.4	387.63	Above	Clayey Silt	4/29/2004	27.0
	0' - 1'	Cadmium	384.4	386.63	Above	Clayey Silt	4/29/2004	21.6
	1' - 2'	Cadmium	384.4	385.63	Above	Organic Clayey Silt	4/29/2004	1.96
	2' - 3'	Cadmium	384.4	384.63	At	Organic Clayey Silt	4/29/2004	30.3
SSSWP-1	0" - 6"	Cadmium	---	---	---	---	12/19/2007	7.0 [10.8]
	6" - 24"	Cadmium	---	---	---	---	12/19/2007	25.8
SSSWP-2	0" - 6"	Cadmium	---	---	---	---	12/19/2007	2.2
	6" - 15"	Cadmium	---	---	---	---	12/19/2007	0.62
SSSWP-3	0" - 6"	Cadmium	---	---	---	---	12/19/2007	0.77
	6" - 24"	Cadmium	---	---	---	---	12/19/2007	<0.05
SSSWP-4	0" - 6"	Cadmium	---	---	---	---	12/19/2007	4.7
	6" - 24"	Cadmium	---	---	---	---	12/19/2007	<0.04
SSSWP-5	0" - 6"	Cadmium	---	---	---	---	12/19/2007	3.2
	6" - 24"	Cadmium	---	---	---	---	12/19/2007	0.28

Notes:
1. ---: Information not available
2. NA: Not analyzed
3. The lithologic descriptions identified in the table represent the predominant lithologic classification for the respective intervals.
4. Duplicate results are presented in brackets.
5. J - Analyte detected at a level less than the Reporting Limit and greater than or equal to the Method Detection Limit. Concentrations within this range are estimated.

TABLE 2A
Proposed Design Soil Investigation Sample Locations
West Branch of Bloody Brook
Bloody Brook Voluntary Cleanup Program
Onondaga County, New York

Boring ID	Depth Interval	Analysis Approach[1]	Collection Method
Wooded Area			
SSSWP-1R	0" - 6"	Analyze	Hand Auger
	6" - 12'	Analyze	
	1' - 2'	Analyze	
SSSWP-1N	0" - 6"	Analyze	Hand Auger
	6" - 12'	Analyze	
	1' - 2'	Analyze	
SSSWP-1S	0" - 6"	Analyze	Hand Auger
	6" - 12'	Analyze	
	1' - 2'	Analyze	
SSSWP-1E	0" - 6"	Analyze	Hand Auger
	6" - 12'	Analyze	
	1' - 2'	Analyze	
SSSWP-1W	0" - 6"	Analyze	Hand Auger
	6" - 12'	Analyze	
	1' - 2'	Analyze	
Residential/Apartment Complex Area			
DI-18-01	0' - 1'	Analyze	Hand Auger
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
DI-18-02	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
	2' - 3'	Hold[2]	
	3' - 4'	Hold[2]	
DI-18-03	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
DI-40-01	0' - 1'	Analyze	Hand Auger
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
DI-40-02	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
	2' - 3'	Hold[2]	
	3' - 4'	Hold[2]	
DI-40-03	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
DI-51-01	0' - 1'	Analyze	Hand Auger
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
DI-51-02	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
	2' - 3'	Hold[2]	
	3' - 4'	Hold[2]	

TABLE 2A
Proposed Design Soil Investigation Sample Locations
West Branch of Bloody Brook
Bloody Brook Voluntary Cleanup Program
Onondaga County, New York

Boring ID	Depth Interval	Analysis Approach[1]	Collection Method
DI-51-03	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
DI-02-01	0' - 1'	Analyze	Wheel-Mounted Geoprobe (Turf Wheel)
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
	4' - 5'	Analyze	
	5' - 6'	Analyze	
	6' - 7'	Analyze	
	7' - 8'	Analyze	
	8' - 9'	Analyze	
	9' - 10'	Analyze	
DI-02-02	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
	2' - 3'	Hold[2]	
	3' - 4'	Hold[2]	
DI-02-03	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
DI-SB-01-05	0' - 1'	Analyze	Wheel-Mounted Geoprobe (Turf Wheel)
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
	4' - 5'	Analyze	
	5' - 6'	Analyze	
	6' - 7'	Analyze	
	7' - 8'	Analyze	
	8' - 9'	Analyze	
	9' - 10'	Analyze	
DI-23-01	0' - 1'	Analyze	Hand Auger
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
DI-23-02	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
	2' - 3'	Hold[2]	
	3' - 4'	Hold[2]	
DI-23-03	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
DI-24-01	0' - 1'	Analyze	Hand Auger
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
DI-24-02	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
	2' - 3'	Hold[2]	
	3' - 4'	Hold[2]	

TABLE 2A
Proposed Design Soil Investigation Sample Locations
West Branch of Bloody Brook
Bloody Brook Voluntary Cleanup Program
Onondaga County, New York

Boring ID	Depth Interval	Analysis Approach[1]	Collection Method
DI-24-03	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
DI-25-01	0' - 1'	Analyze	Hand Auger
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
DI-25-02	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
	2' - 3'	Hold[2]	
	3' - 4'	Hold[2]	
DI-25-03	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
DI-03-01	0' - 1'	Analyze	Wheel-Mounted Geoprobe (Turf Wheel)
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
	4' - 5'	Analyze	
	5' - 6'	Analyze	
	6' - 7'	Analyze	
	7' - 8'	Analyze	
DI-03-02	0' - 1'	Analyze	Wheel-Mounted Geoprobe (Turf Wheel)
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
	4' - 5'	Analyze	
	5' - 6'	Analyze	
	6' - 7'	Analyze	
	7' - 8'	Analyze	
	8' - 9'	Analyze	
DI-03-03	0' - 1'	Analyze	Wheel-Mounted Geoprobe (Turf Wheel)
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
	4' - 5'	Analyze	
	5' - 6'	Analyze	
	6' - 7'	Analyze	
	7' - 8'	Analyze	
	8' - 9'	Analyze	
	9' - 10'	Analyze	

TABLE 2A
Proposed Design Soil Investigation Sample Locations
West Branch of Bloody Brook
Bloody Brook Voluntary Cleanup Program
Onondaga County, New York

Boring ID	Depth Interval	Analysis Approach[1]	Collection Method
DI-03-04	0' - 1'	Analyze	Wheel-Mounted Geoprobe (Turf Wheel)
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
	4' - 5'	Analyze	
	5' - 6'	Analyze	
	6' - 7'	Analyze	
	7' - 8'	Analyze	
	8' - 9'	Analyze	
	9' - 10'	Analyze	
	10' - 11'	Analyze	
DI-03-05	0' - 1'	Analyze	Wheel-Mounted Geoprobe (Turf Wheel)
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
	4' - 5'	Analyze	
	5' - 6'	Analyze	
	6' - 7'	Analyze	
	7' - 8'	Analyze	
	8' - 9'	Analyze	
	9' - 10'	Analyze	
	10' - 11'	Analyze	
	11' - 12'	Analyze	
DI-28-01	0' - 1'	Analyze	Hand Auger
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
DI-28-02	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
	2' - 3'	Hold[2]	
	3' - 4'	Hold[2]	
DI-28-03	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
DI-29-01	0' - 1'	Analyze	Hand Auger
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
DI-29-02	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
	2' - 3'	Hold[2]	
	3' - 4'	Hold[2]	
DI-29-03	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	

TABLE 2A
Proposed Design Soil Investigation Sample Locations
West Branch of Bloody Brook
Bloody Brook Voluntary Cleanup Program
Onondaga County, New York

Boring ID	Depth Interval	Analysis Approach[1]	Collection Method
DI-31-01	0' - 1'	Analyze	Hand Auger
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
DI-31-02	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
	2' - 3'	Hold[2]	
	3' - 4'	Hold[2]	
DI-31-03	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
DI-43-01	0' - 1'	Analyze	Hand Auger
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
DI-43-02	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
	2' - 3'	Hold[2]	
	3' - 4'	Hold[2]	
DI-43-03	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
DI-19-01	0' - 1'	Analyze	Hand Auger
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
DI-19-02	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
	2' - 3'	Hold[2]	
	3' - 4'	Hold[2]	
DI-19-03	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
DI-20-01	0' - 1'	Analyze	Hand Auger
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
DI-20-02	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
	2' - 3'	Hold[2]	
	3' - 4'	Hold[2]	
DI-20-03	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
DI-41-01	0' - 1'	Analyze	Hand Auger
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	

TABLE 2A
Proposed Design Soil Investigation Sample Locations
West Branch of Bloody Brook
Bloody Brook Voluntary Cleanup Program
Onondaga County, New York

Boring ID	Depth Interval	Analysis Approach[1]	Collection Method
DI-41-02	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
	2' - 3'	Hold[2]	
	3' - 4'	Hold[2]	
DI-41-03	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
DI-60-01	0' - 1'	Analyze	Hand Auger
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
DI-60-02	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
	2' - 3'	Hold[2]	
	3' - 4'	Hold[2]	
DI-60-03	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
DI-60-04	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
DI-61-01	0' - 1'	Analyze	Hand Auger
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
DI-61-02	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
	2' - 3'	Hold[2]	
	3' - 4'	Hold[2]	
DI-61-03	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
DI-61-04	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
DI-52-01	0' - 1'	Analyze	Hand Auger
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
DI-52-02	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
	2' - 3'	Hold[2]	
	3' - 4'	Hold[2]	
DI-52-03	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
DI-52-04	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
DI-53-01	0' - 1'	Analyze	Hand Auger
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	

TABLE 2A
Proposed Design Soil Investigation Sample Locations
West Branch of Bloody Brook
Bloody Brook Voluntary Cleanup Program
Onondaga County, New York

Boring ID	Depth Interval	Analysis Approach[1]	Collection Method
DI-53-02	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
	2' - 3'	Hold[2]	
	3' - 4'	Hold[2]	
DI-53-03	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
DI-53-04	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
DI-54-01	0' - 1'	Analyze	Hand Auger
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
DI-54-02	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
	2' - 3'	Hold[2]	
	3' - 4'	Hold[2]	
DI-54-03	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
DI-42-01	0' - 1'	Analyze	Hand Auger
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
DI-42-02	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
	2' - 3'	Hold[2]	
	3' - 4'	Hold[2]	
DI-42-03	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
DI-01-01	0' - 1'	Analyze	Wheel-Mounted Geoprobe (Turf Wheel)
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
	4' - 5'	Analyze	
	5' - 6'	Analyze	
	6' - 7'	Analyze	
	7' - 8'	Analyze	
	8' - 9'	Analyze	
	9' - 10'	Analyze	
	10' - 11'	Analyze	
	11' - 12'	Analyze	
	12' - 13'	Analyze	

TABLE 2A
Proposed Design Soil Investigation Sample Locations
West Branch of Bloody Brook
Bloody Brook Voluntary Cleanup Program
Onondaga County, New York

Boring ID	Depth Interval	Analysis Approach[1]	Collection Method
DI-01-02	0' - 1'	Hold[2]	Wheel-Mounted Geoprobe (Turf Wheel)
	1' - 2'	Hold[2]	
	2' - 3'	Hold[2]	
	3' - 4'	Hold[2]	
	4' - 5'	Hold[2]	
	5' - 6'	Hold[2]	
	6' - 7'	Hold[2]	
	7' - 8'	Hold[2]	
	8' - 9'	Hold[2]	
	9' - 10'	Hold[2]	
	10' - 11'	Hold[2]	
	11' - 12'	Hold[2]	
	12' - 13'	Hold[2]	
	13' - 14'	Hold[2]	
	14' - 15'	Hold[2]	
DI-01-03	0' - 1'	Hold[2]	Wheel-Mounted Geoprobe (Turf Wheel)
	1' - 2'	Hold[2]	
	2' - 3'	Hold[2]	
	3' - 4'	Hold[2]	
	4' - 5'	Hold[2]	
	5' - 6'	Hold[2]	
	6' - 7'	Hold[2]	
	7' - 8'	Hold[2]	
	8' - 9'	Hold[2]	
	9' - 10'	Hold[2]	
	10' - 11'	Hold[2]	
	11' - 12'	Hold[2]	
	12' - 13'	Hold[2]	
	13' - 14'	Hold[2]	
	14' - 15'	Hold[2]	
	15' - 16'	Hold[2]	
DI-21-01	0' - 1'	Analyze	Hand Auger
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
DI-21-02	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
	2' - 3'	Hold[2]	
	3' - 4'	Hold[2]	
DI-21-03	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
DI-22-01	0' - 1'	Analyze	Hand Auger
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	

TABLE 2A
Proposed Design Soil Investigation Sample Locations
West Branch of Bloody Brook
Bloody Brook Voluntary Cleanup Program
Onondaga County, New York

Boring ID	Depth Interval	Analysis Approach[1]	Collection Method
DI-22-02	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
	2' - 3'	Hold[2]	
	3' - 4'	Hold[2]	
DI-22-03	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
DI-26-01	0' - 1'	Analyze	Hand Auger
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
DI-26-02	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
	2' - 3'	Hold[2]	
	3' - 4'	Hold[2]	
DI-26-03	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
DI-17-01	0' - 1'	Analyze	Wheel-Mounted Geoprobe (Turf Wheel)
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
	4' - 5'	Analyze	
	5' - 6'	Analyze	
	6' - 7'	Analyze	
	7' - 8'	Analyze	
	8' - 9'	Analyze	
DI-17-02	0' - 1'	Hold[2]	Wheel-Mounted Geoprobe (Turf Wheel)
	1' - 2'	Hold[2]	
	2' - 3'	Hold[2]	
	3' - 4'	Hold[2]	
	4' - 5'	Hold[2]	
	5' - 6'	Hold[2]	
	6' - 7'	Hold[2]	
	7' - 8'	Hold[2]	
	8' - 9'	Hold[2]	
	9' - 10'	Hold[2]	

TABLE 2A
Proposed Design Soil Investigation Sample Locations
West Branch of Bloody Brook
Bloody Brook Voluntary Cleanup Program
Onondaga County, New York

Boring ID	Depth Interval	Analysis Approach[1]	Collection Method
DI-17-03	0' - 1'	Hold[2]	Wheel-Mounted Geoprobe (Turf Wheel)
	1' - 2'	Hold[2]	
	2' - 3'	Hold[2]	
	3' - 4'	Hold[2]	
	4' - 5'	Hold[2]	
	5' - 6'	Hold[2]	
	6' - 7'	Hold[2]	
	7' - 8'	Hold[2]	
	8' - 9'	Hold[2]	
	9' - 10'	Hold[2]	
	10' - 11'	Hold[2]	
	11' - 12'	Hold[2]	
DI-17-04	0' - 1'	Hold[2]	Wheel-Mounted Geoprobe (Turf Wheel)
	1' - 2'	Hold[2]	
	2' - 3'	Hold[2]	
	3' - 4'	Hold[2]	
	4' - 5'	Hold[2]	
	5' - 6'	Hold[2]	
	6' - 7'	Hold[2]	
	7' - 8'	Hold[2]	
	8' - 9'	Hold[2]	
	9' - 10'	Hold[2]	
	10' - 11'	Hold[2]	
	11' - 12'	Hold[2]	
	12' - 13'	Hold[2]	
DI-27-01	0' - 1'	Analyze	Hand Auger
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
DI-27-02	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
	2' - 3'	Hold[2]	
	3' - 4'	Hold[2]	
DI-27-03	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
DI-SB-03-05	0' - 1'	Analyze	Wheel-Mounted Geoprobe (Turf Wheel)
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
	4' - 5'	Analyze	
	5' - 6'	Analyze	
	6' - 7'	Analyze	
	7' - 8'	Analyze	
	8' - 9'	Analyze	
	9' - 10'	Analyze	

TABLE 2A
Proposed Design Soil Investigation Sample Locations
West Branch of Bloody Brook
Bloody Brook Voluntary Cleanup Program
Onondaga County, New York

Boring ID	Depth Interval	Analysis Approach[1]	Collection Method
DI-30-01	0' - 1'	Analyze	Hand Auger
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
DI-30-02	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
	2' - 3'	Hold[2]	
	3' - 4'	Hold[2]	
DI-30-03	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
DI-44-01	0' - 1'	Analyze	Hand Auger
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
DI-44-02	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
	2' - 3'	Hold[2]	
	3' - 4'	Hold[2]	
DI-44-03	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	

Notes:

1. As indicated in the table, certain samples will be collected and held at the laboratory and will be analyzed based on the results of other samples. If analysis of held samples is determined to be necessary, the analysis will be performed within laboratory and analytical procedure holding times. All samples that are analyzed will be analyzed for cadmium using USEPA SW-846 Method 6010B.

2. Analysis is contingent on results from successive samples listed above and from samples at consecutive depth intervals. Samples will not be analyzed if results are less than 2.5 parts per million (ppm) for depth intervals in the top two feet and if results are less than 10 ppm for depth intervals below 2 feet.

TABLE 2B
Proposed Design Soil Investigation Sample Locations
West Branch of Bloody Brook
Bloody Brook Voluntary Cleanup Program
Onondaga County, New York

Boring ID	Depth Interval	Analysis Approach[1]	Collection Method
Residential/Apartment Complex Area			
DI-05-01	0' - 1'	Analyze	Wheel-Mounted Geoprobe (Turf Wheel)
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
	4' - 5'	Analyze	
	5' - 6'	Analyze	
	6' - 7'	Analyze	
	7' - 8'	Analyze	
DI-32-01	0' - 1'	Analyze	Hand Auger
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
DI-32-02	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
	2' - 3'	Hold[2]	
	3' - 4'	Hold[2]	
DI-32-03	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
DI-08-01	0' - 1'	Analyze	Wheel-Mounted Geoprobe (Turf Wheel)
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
	4' - 5'	Analyze	
	5' - 6'	Analyze	
DI-08-02	0' - 1'	Hold[2]	Wheel-Mounted Geoprobe (Turf Wheel)
	1' - 2'	Hold[2]	
	2' - 3'	Hold[2]	
	3' - 4'	Hold[2]	
	4' - 5'	Hold[2]	
	5' - 6'	Hold[2]	
	6' - 7'	Hold[2]	
DI-46-01	0' - 1'	Analyze	Hand Auger
	1' - 2'	Analyze	
DI-46-02	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
DI-47-01	0' - 1'	Analyze	Hand Auger
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
DI-47-02	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
	2' - 3'	Hold[2]	
	3' - 4'	Hold[2]	
DI-47-03	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	

TABLE 2B
Proposed Design Soil Investigation Sample Locations
West Branch of Bloody Brook
Bloody Brook Voluntary Cleanup Program
Onondaga County, New York

Boring ID	Depth Interval	Analysis Approach[1]	Collection Method
DI-55-01	0' - 1'	Analyze	Hand Auger
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
DI-55-02	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
	2' - 3'	Hold[2]	
	3' - 4'	Hold[2]	
DI-55-03	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
DI-57-01	0' - 1'	Analyze	Hand Auger
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
DI-57-02	0' - 1'	Hold[3]	Hand Auger
	1' - 2'	Hold[3]	
	2' - 3'	Hold[3]	
	3' - 4'	Hold[3]	
DI-58-01	0' - 1'	Analyze	Hand Auger
	1' - 2'	Analyze	
DI-58-02	0' - 1'	Hold[4]	Hand Auger
	1' - 2'	Hold[4]	
	2' - 3'	Hold[4]	
	3' - 4'	Hold[4]	
DI-13-01	0' - 1'	Analyze	Wheel-Mounted Geoprobe (Turf Wheel)
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
	4' - 5'	Analyze	
	5' - 6'	Analyze	
	6' - 7'	Analyze	
DI-13-02	0' - 1'	Analyze	Wheel-Mounted Geoprobe (Turf Wheel)
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
	4' - 5'	Analyze	
	5' - 6'	Analyze	
	6' - 7'	Analyze	
DI-13-03	0' - 1'	Analyze	Wheel-Mounted Geoprobe (Turf Wheel)
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
	4' - 5'	Analyze	
	5' - 6'	Analyze	
	6' - 7'	Analyze	

TABLE 2B
Proposed Design Soil Investigation Sample Locations
West Branch of Bloody Brook
Bloody Brook Voluntary Cleanup Program
Onondaga County, New York

Boring ID	Depth Interval	Analysis Approach[1]	Collection Method
DI-13-04	0' - 1'	Hold[3]	Wheel-Mounted Geoprobe (Turf Wheel)
	1' - 2'	Hold[3]	
	2' - 3'	Hold[3]	
	3' - 4'	Hold[3]	
	4' - 5'	Hold[3]	
	5' - 6'	Hold[3]	
	6' - 7'	Hold[3]	
DI-13-05	0' - 1'	Hold[3]	Wheel-Mounted Geoprobe (Turf Wheel)
	1' - 2'	Hold[3]	
	2' - 3'	Hold[3]	
	3' - 4'	Hold[3]	
	4' - 5'	Hold[3]	
	5' - 6'	Hold[3]	
	6' - 7'	Hold[3]	
DI-13-06	0' - 1'	Hold[3]	Wheel-Mounted Geoprobe (Turf Wheel)
	1' - 2'	Hold[3]	
	2' - 3'	Hold[3]	
	3' - 4'	Hold[3]	
	4' - 5'	Hold[3]	
	5' - 6'	Hold[3]	
	6' - 7'	Hold[3]	
DI-14-01	0' - 1'	Analyze	Wheel-Mounted Geoprobe (Turf Wheel)
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
	4' - 5'	Analyze	
	5' - 6'	Analyze	
	6' - 7'	Analyze	
DI-14-02	0' - 1'	Hold[3]	Wheel-Mounted Geoprobe (Turf Wheel)
	1' - 2'	Hold[3]	
	2' - 3'	Hold[3]	
	3' - 4'	Hold[3]	
	4' - 5'	Hold[3]	
	5' - 6'	Hold[3]	
	6' - 7'	Hold[3]	
	7' - 8'	Hold[3]	
DI-15-01	0' - 1'	Analyze	Wheel-Mounted Geoprobe (Turf Wheel)
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
	4' - 5'	Analyze	
	5' - 6'	Analyze	
	6' - 7'	Analyze	

TABLE 2B
Proposed Design Soil Investigation Sample Locations
West Branch of Bloody Brook
Bloody Brook Voluntary Cleanup Program
Onondaga County, New York

Boring ID	Depth Interval	Analysis Approach[1]	Collection Method
DI-15-02	0' - 1'	Analyze	Wheel-Mounted Geoprobe (Turf Wheel)
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
	4' - 5'	Analyze	
	5' - 6'	Analyze	
	6' - 7'	Analyze	
DI-15-03	0' - 1'	Hold[3]	Wheel-Mounted Geoprobe (Turf Wheel)
	1' - 2'	Hold[3]	
	2' - 3'	Hold[3]	
	3' - 4'	Hold[3]	
	4' - 5'	Hold[3]	
	5' - 6'	Hold[3]	
	6' - 7'	Hold[3]	
DI-15-04	0' - 1'	Hold[3]	Wheel-Mounted Geoprobe (Turf Wheel)
	1' - 2'	Hold[3]	
	2' - 3'	Hold[3]	
	3' - 4'	Hold[3]	
	4' - 5'	Hold[3]	
	5' - 6'	Hold[3]	
	6' - 7'	Hold[3]	
	7' - 8'	Hold[3]	
DI-SB-07-01	0' - 1'	Analyze	Wheel-Mounted Geoprobe (Turf Wheel)
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
	4' - 5'	Analyze	
	5' - 6'	Analyze	
	6' - 7'	Analyze	
DI-SB-07-02	0' - 1'	Analyze	Wheel-Mounted Geoprobe (Turf Wheel)
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
	4' - 5'	Analyze	
	5' - 6'	Analyze	
	6' - 7'	Analyze	
DI-SB-07-03	0' - 1'	Hold[3]	Wheel-Mounted Geoprobe (Turf Wheel)
	1' - 2'	Hold[3]	
	2' - 3'	Hold[3]	
	3' - 4'	Hold[3]	
	4' - 5'	Hold[3]	
	5' - 6'	Hold[3]	
	6' - 7'	Hold[3]	

TABLE 2B
Proposed Design Soil Investigation Sample Locations
West Branch of Bloody Brook
Bloody Brook Voluntary Cleanup Program
Onondaga County, New York

Boring ID	Depth Interval	Analysis Approach[1]	Collection Method
DI-04-01	0' - 1'	Analyze	Wheel-Mounted Geoprobe (Turf Wheel)
	1' - 2'	Hold[5]	
	2' - 3'	Hold[5]	
	3' - 4'	Hold[5]	
	4' - 5'	Hold[5]	
	5' - 6'	Analyze	
	6' - 7'	Analyze	
	7' - 8'	Analyze	
	8' - 9'	Analyze	
DI-04-02	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
DI-06-01	0' - 1'	Analyze	Wheel-Mounted Geoprobe (Turf Wheel)
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
	4' - 5'	Analyze	
	5' - 6'	Analyze	
	6' - 7'	Analyze	
	7' - 8'	Analyze	
DI-06-02	0' - 1'	Hold[2]	Wheel-Mounted Geoprobe (Turf Wheel)
	1' - 2'	Hold[2]	
	2' - 3'	Hold[2]	
	3' - 4'	Hold[2]	
	4' - 5'	Hold[2]	
	5' - 6'	Hold[2]	
	6' - 7'	Hold[2]	
	7' - 8'	Hold[2]	
DI-06-03	0' - 1'	Hold[2]	Wheel-Mounted Geoprobe (Turf Wheel)
	1' - 2'	Hold[2]	
	2' - 3'	Hold[2]	
	3' - 4'	Hold[2]	
	4' - 5'	Hold[2]	
	5' - 6'	Hold[2]	
	6' - 7'	Hold[2]	
	7' - 8'	Hold[2]	
DI-45-01	0' - 1'	Analyze	Wheel-Mounted Geoprobe (Turf Wheel)
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
	4' - 5'	Analyze	
	5' - 6'	Analyze	
	6' - 7'	Analyze	
	7' - 8'	Analyze	
DI-45-02	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
	2' - 3'	Hold[2]	
	3' - 4'	Hold[2]	

TABLE 2B
Proposed Design Soil Investigation Sample Locations
West Branch of Bloody Brook
Bloody Brook Voluntary Cleanup Program
Onondaga County, New York

Boring ID	Depth Interval	Analysis Approach[1]	Collection Method
DI-45-03	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
DI-SB-05-05	0' - 1'	Hold[5]	Wheel-Mounted Geoprobe (Turf Wheel)
	1' - 2'	Hold[5]	
	2' - 3'	Hold[5]	
	3' - 4'	Hold[5]	
	4' - 5'	Hold[5]	
	5' - 6'	Analyze	
	6' - 7'	Analyze	
	7' - 8'	Analyze	
DI-09-03	0' - 1'	Analyze	Hand Auger
	1' - 2'	Analyze	
DI-09-04	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
DI-48-01	0' - 1'	Analyze	Hand Auger
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
DI-48-02	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
	2' - 3'	Hold[2]	
	3' - 4'	Hold[2]	
DI-48-03	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
DI-10-01	0' - 1'	Analyze	Hand Auger
	1' - 2'	Analyze	
DI-49-01	0' - 1'	Analyze	Hand Auger
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
DI-49-02	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
	2' - 3'	Hold[2]	
	3' - 4'	Hold[2]	
DI-49-03	0' - 1'	Hold[2]	Hand Auger
	1' - 2'	Hold[2]	
DI-34-01	0' - 1'	Analyze	Hand Auger
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
DI-34-02	0' - 1'	Hold[3]	Hand Auger
	1' - 2'	Hold[3]	
	2' - 3'	Hold[3]	
	3' - 4'	Hold[3]	

TABLE 2B
Proposed Design Soil Investigation Sample Locations
West Branch of Bloody Brook
Bloody Brook Voluntary Cleanup Program
Onondaga County, New York

Boring ID	Depth Interval	Analysis Approach[1]	Collection Method
DI-59-01	0' - 1'	Analyze	Hand Auger
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
DI-59-02	0' - 1'	Hold[3]	Hand Auger
	1' - 2'	Hold[3]	
	2' - 3'	Hold[3]	
	3' - 4'	Hold[3]	

Notes:

1. As indicated in the table, certain samples will be collected and held at the laboratory and will be analyzed based on the results of other samples. If analysis of held samples is determined to be necessary, the analysis will be performed within laboratory and analytical procedure holding times. All samples that are analyzed will be analyzed for cadmium using USEPA SW-846 Method 6010B.

2. Analysis is contingent on results from successive samples listed above and from samples at consecutive depth intervals. Samples will not be analyzed if results are less than 2.5 parts per million (ppm) for depth intervals in the top two feet and if results are less than 10 ppm for depth intervals below 2 feet.

3. Analysis is contingent on results from successive samples listed above and from samples at consecutive depth intervals. Samples will not be analyzed if results are less than 4.3 ppm for depth intervals in the top two feet and if results are less than 10 ppm for depth intervals below 2 feet.

4. Analysis is contingent on results from samples collected at DI-58-01 and DI-13-03. Samples will not be analyzed if results are less than 4.3 ppm for depth intervals in the top two feet and if results are less than 10 ppm for depth intervals below 2 feet.

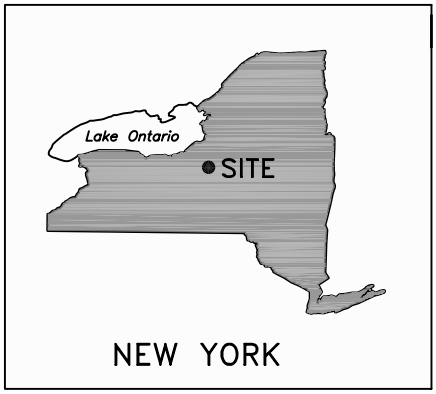
5. Analysis is contingent on results from samples at consecutive depth intervals. Samples will not be analyzed if results are less than 2.5 ppm for depth intervals in the top two feet and if results are less than 10 ppm for depth intervals below 2 feet.

TABLE 2C
Proposed Design Soil Investigation Sample Locations
West Branch of Bloody Brook
Bloody Brook Voluntary Cleanup Program
Onondaga County, New York

Boring ID	Depth Interval	Analysis Approach[1]	Collection Method
Commercial/Light Industrial Area			
DI-16-01	0' - 1'	Analyze	Wheel-Mounted Geoprobe (Turf Wheel)
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
	4' - 5'	Analyze	
	5' - 6'	Analyze	
DI-16-02	0' - 1'	Analyze	Wheel-Mounted Geoprobe (Turf Wheel)
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
	4' - 5'	Analyze	
	5' - 6'	Analyze	
DI-16-03	0' - 1'	Analyze	Wheel-Mounted Geoprobe (Turf Wheel)
	1' - 2'	Analyze	
	2' - 3'	Analyze	
	3' - 4'	Analyze	
	4' - 5'	Analyze	
	5' - 6'	Analyze	

Notes:
1. Samples will be analyzed for cadmium using USEPA SW-846 Method 6010B.

FIGURES



OFFICE	DRAWN BY	CHECKED BY	APPROVED BY	DRAWING NUMBER
LATHAM, NY	CD 01/04/11	NME 01/04/11	NME 01/04/11	129916A4_FIG 1

File: K:\project\LOCKHEED\RAWP\Appendix K – Design Soil Inv WP\129916A4_FIG 1.dwg Layout: Layout1 User: chris.desiata Jan 04, 2011 – 2:46pm

APPROXIMATE SCALE

0 2000 4000 FEET

REFERENCE:

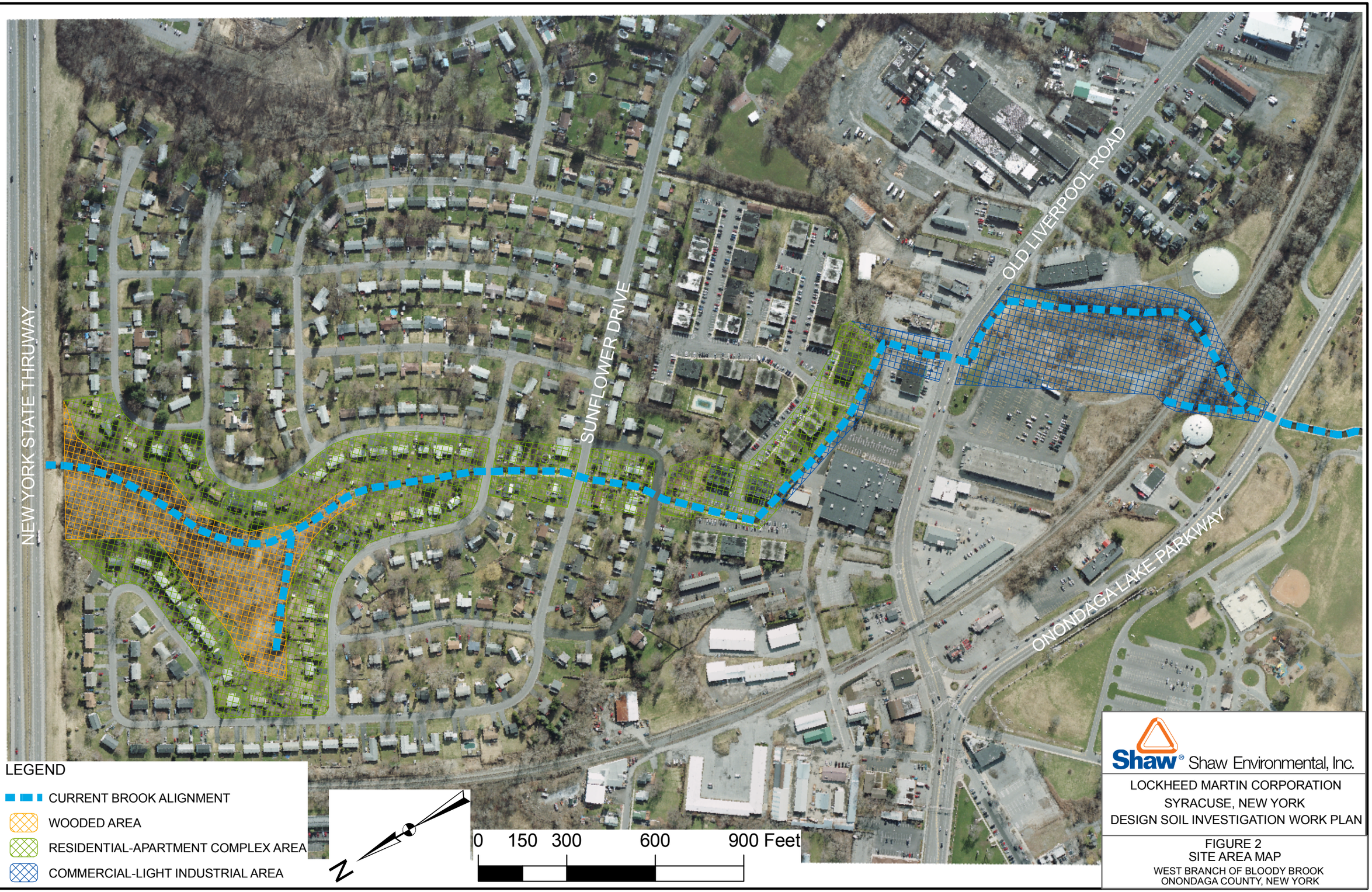
NYSDOT 7.5 MIN TOPOGRAPHIC MAP OF SYRACUSE WEST, QUADRANGLE 1990, SCALE: 1" = 2000'.

Shaw Environmental, Inc.

LOCKHEED MARTIN CORPORATION
SYRACUSE, NEW YORK
DESIGN SOIL INVESTIGATION
WORK PLAN

FIGURE 1
SITE LOCATION MAP

WEST BRANCH OF BLOODY BROOK
ONONDAGA COUNTY, NEW YORK



Shaw® Shaw Environmental, Inc.

LOCKHEED MARTIN CORPORATION
SYRACUSE, NEW YORK
DESIGN SOIL INVESTIGATION WORK PLAN

FIGURE 2
SITE AREA MAP
WEST BRANCH OF BLOODY BROOK
ONONDAGA COUNTY, NEW YORK

OFFICE	DATE	DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY	DRAWING NUMBER
LATHAM, NY	01/19/11	NME	MJS	NME	NME	129916D2_FIG_2

L:\Matt\LMC-GIS\MXD\1229916_Fig_2.mxd

OFFICE	DRAWN BY	CHECKED BY	APPROVED BY	DRAWING NUMBER
ALBANY, NY	CD 01/11/11	NME 01/11/11	NME 01/11/11	129916T1

XREF Files: IMAGE Files:
File: K:\project\LOCKHEED\RAWP\Appendix K - Design Soil Inv WP\129916T1.dwg
Plot Date/Time: Jan 17, 2011 - 5:00pm
Plotted By: chris.desiata

WETLAND

BLOODY BROOK DRAINAGE DISTRICT EASEMENT

NYS THRUWAY EASEMENT

PROPERTY BORDER

365 TOPOGRAPHIC CONTOUR LINE

WEST BRANCH OF BLOODY BROOK CENTERLINE

TOWN/VILLAGE BORDER

UNDERGROUND DRAIN LINE

OHW OVERHEAD WIRES

RW RETAINING WALL

GUARD RAIL

UMH UTILITY MANHOLE

DMH DRAINAGE MANHOLE

SMH SANITARY MANHOLE

RAILROAD TRACKS

CB CATCH BASIN

DS DRAINAGE STRUTURES

FP FLAG POLE

CULVERT

E 924,000 NYS PLANE COORDINATE SYSTEM EASTING

N 1,131,000 NYS PLANE COORDINATE SYSTEM NORTHING

BL 115 AERIAL SURVEY GROUND CONTROL POINT

GABIONS (ROCK-FILLED WIRE CAGES)

7+50 CHANNEL CENTERLINE SURVEY STATION

367.4 TOPOGRAPHIC SPOT ELEVATION

CONIFEROUS TREE

DECIDUOUS TREE

LIGHT POLE

UTILITY POLE / GUY WIRE

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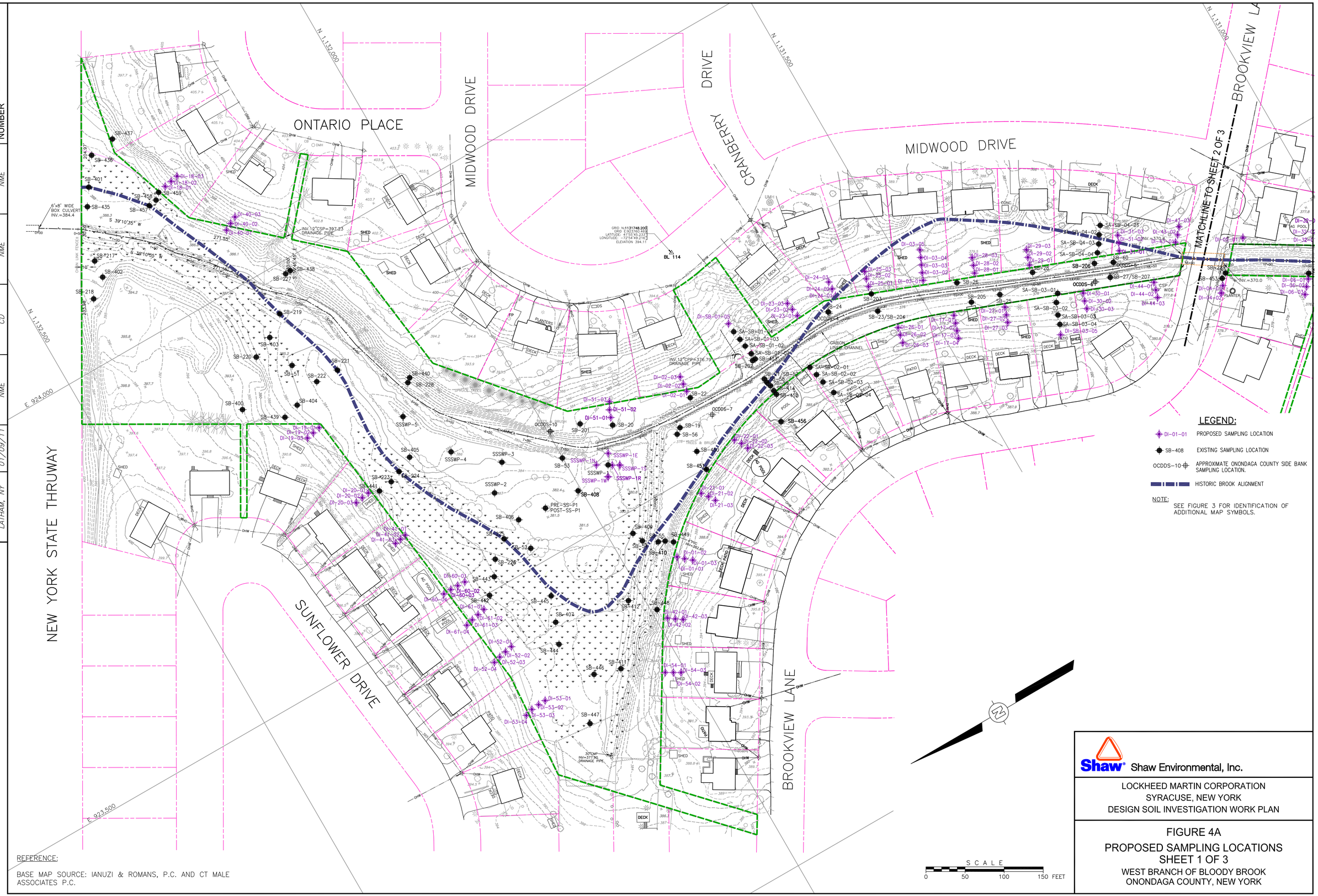
SYRACUSE, NEW YORK
DESIGN SOIL INVESTIGATION WORK PLAN

FIGURE 3
SITE MAP LEGEND

WEST BRANCH OF BLOODY BROOK
ONONDAGA COUNTY, NEW YORK



REFERENCE:

BASE MAP SOURCE: IANUZI & ROMANS, P.C. AND CT MALE ASSOCIATES P.C.

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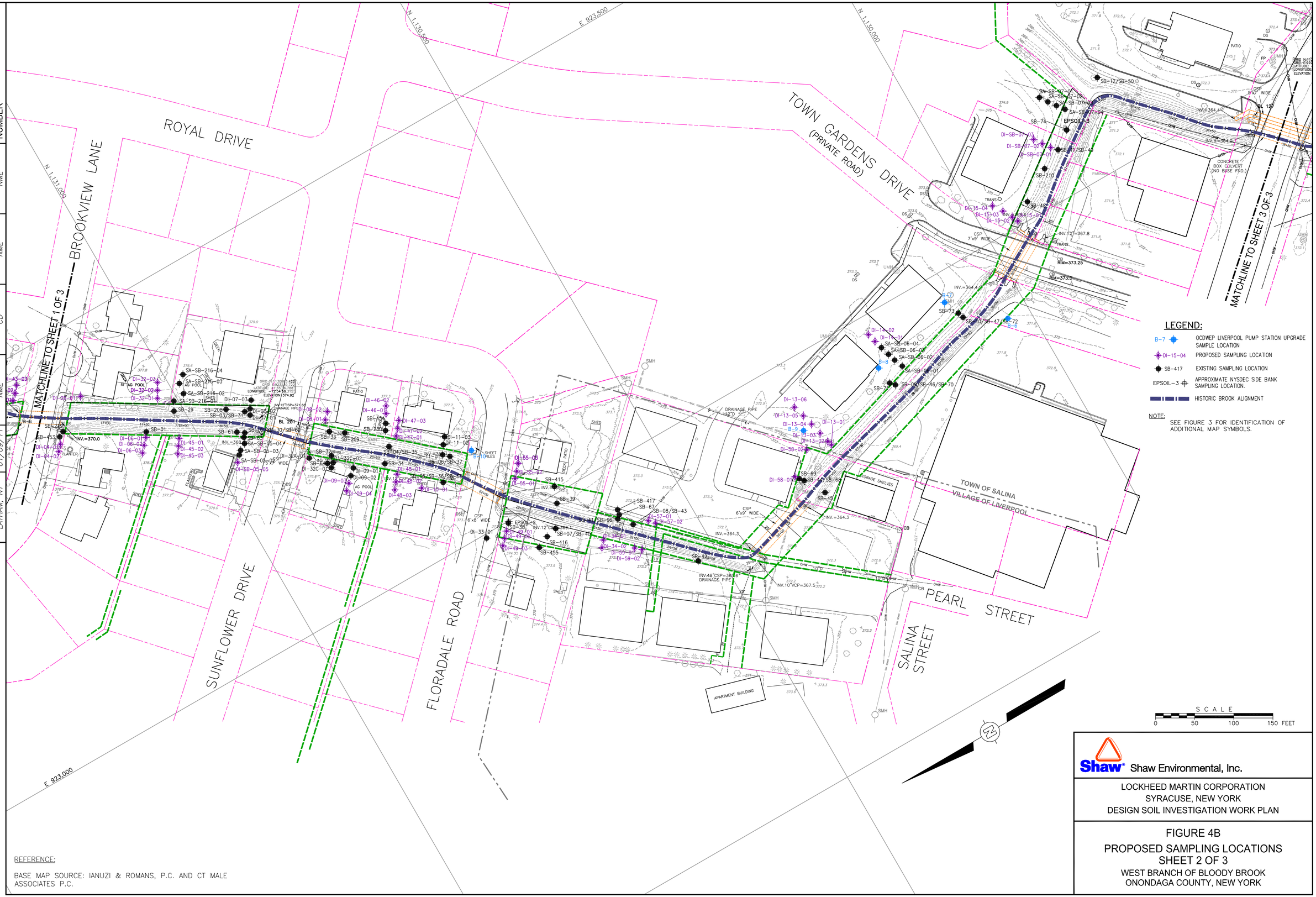
DESIGN SOIL INVESTIGATION WORK PLAN

FIGURE 4A
PROPOSED SAMPLING LOCATIONS
SHEET 1 OF 3
WEST BRANCH OF BLOODY BROOK
ONONDAGA COUNTY, NEW YORK

OFFICE	DATE	DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY	DRAWING NUMBER
LATHAM, NY	01/09/11	NME	CD	NME	NME	129916D26

File: K:\project\LOCKHEED\RAWP\Appendix K - Design Soil Inv WP\129916D26(2004).dwg Layout: FIGURE4A User: chris.desiata Jan 31, 2011 - 2:23pm

OFFICE	DATE	DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY	DRAWING NUMBER
LATHAM, NY	01/09/11	NME	CD	NME	NME	129916D26



REFERENCE:

BASE MAP SOURCE: IANUZI & ROMANS, P.C. AND CT MALE ASSOCIATES P.C.

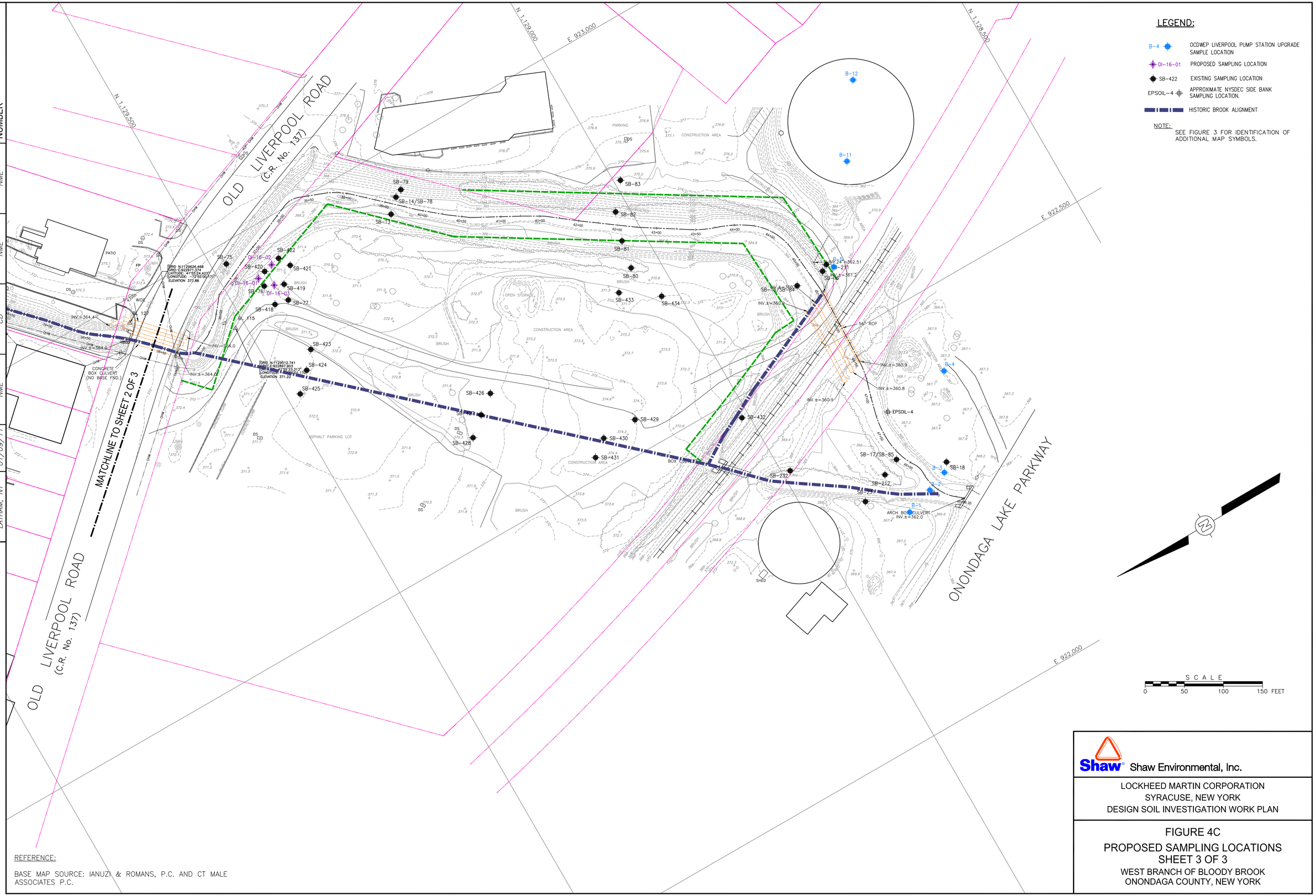
Shaw® Shaw Environmental, Inc.

LOCKHEED MARTIN CORPORATION
SYRACUSE, NEW YORK
DESIGN SOIL INVESTIGATION WORK PLAN

FIGURE 4B
PROPOSED SAMPLING LOCATIONS
SHEET 2 OF 3
WEST BRANCH OF BLOODY BROOK
ONONDAGA COUNTY, NEW YORK

File: K:\project\LOCKHEED\RAWP\Appendix K - Design Soil Inv WP\129916D26(2004).dwg Layout: FIGURE 4B User: chris.desiata Jan 28, 2011 - 3:20pm

OFFICE	DATE	DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY	DRAWING NUMBER
LATHAM, NY	01/09/11	NME	CD	NME	NME	129916D26



LEGEND:

- B-4 — OCDWEP LIVERPOOL PUMP STATION UPGRADE SAMPLE LOCATION
- DI-16-01 — PROPOSED SAMPLING LOCATION
- SB-422 — EXISTING SAMPLING LOCATION
- EPSOIL-4 — APPROXIMATE NYSDEC SIDE BANK SAMPLING LOCATION.
- HISTORIC BROOK ALIGNMENT

NOTE:

SEE FIGURE 3 FOR IDENTIFICATION OF ADDITIONAL MAP SYMBOLS.

REFERENCE:

BASE MAP SOURCE: IANUZI & ROMANS, P.C. AND CT MALE ASSOCIATES P.C.

Shaw Environmental, Inc.

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SYRACUSE, NEW YORK
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FIGURE 4C
PROPOSED SAMPLING LOCATIONS
SHEET 3 OF 3
WEST BRANCH OF BLOODY BROOK
ONONDAGA COUNTY, NEW YORK

File: U:\project\LOCKHEED\RAWP\Appendix K - Design Soil Inv WP\129916D26(2004).dwg Layout: FIGURE 4C User: matt.sausville Feb 07, 2011 - 11:49am