

# **ADDITIONAL DESIGN SOIL INVESTIGATION WORK PLAN WEST BRANCH OF BLOODY BROOK**

***Bloody Brook Voluntary Cleanup Program  
Onondaga County, New York***

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Prepared for:

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## **1.0 INTRODUCTION**

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This Additional Design Soil Investigation Work Plan (Work Plan) has been developed by AECOM USA, Inc. (AECOM) 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.<sup>1</sup> 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 2011. 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).

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<sup>1</sup> 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**

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The objective of this additional 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 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 proposed sampling and analysis activities for the site are to be completed within the residential/apartment complex area and commercial/light industrial area as described in Sections 2.1 and 2.2, respectively. The areas to be sampled are within the site and are identified on **Figure 2**. Existing and proposed soil sample locations are shown on **Figures 3A, 3B, and 3C**. The analytical results associated with existing sample locations shown on the figures are presented in **Tables 1A, 1B, and 1C**. The proposed sample locations in the residential/apartment complex area and commercial/light industrial area are presented in **Tables 2A, 2B, and 2C**. The information found in **Tables 1A, 1B, and 1C** and **Tables 2A, 2B, and 2C** corresponds to the sample locations found on **Figures 3A, 3B, and 3C**, respectively. The “Figure Coordinate” column in the tables corresponds to the coordinate system shown on the figures.

### ***2.1 Residential/Apartment Complex Area Proposed Sampling and Analysis***

For the residential/apartment complex area, 148 samples from 34 locations will be collected from within and adjacent to this area, and submitted to a laboratory. The proposed sample locations are shown on **Figures 3A and 3B**. At the proposed locations, a sample will be collected from each 1-foot depth interval starting from the ground surface to the bottom of the boring. The end depth proposed at the sample locations in this area were determined from site specific information (e.g., soil classification, current location of brook, historical location of brook, and existing analytical results) and vary from 4 feet to 6 feet below ground surface.

Following sample collection, select samples will be sent to the laboratory and analyzed, 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 for each sample located in the residential/apartment complex area is summarized on

**Tables 2A and 2B.** Analysis of samples will be for cadmium using United States Environmental Protection Agency (USEPA) SW-846 Method 6010B.

## *2.2 Commercial/Light Industrial Area Proposed Sampling and Analysis*

In the commercial/light industrial area, eight samples from locations DI-81-01 and DI-81-02 will be collected. The proposed sample locations are shown on **Figure 3C**, and the proposed sample depth intervals and analysis approaches are identified in **Table 2C**. At the proposed locations, a sample will be collected from each 1-foot depth interval starting from the ground surface to the bottom of the boring. The end depth proposed at the sample locations in this area was determined from site specific information (e.g., soil classification, current location of brook, historical location of brook, and existing analytical results). The sample collected from the 0- to 1-foot depth interval from DI-81-01 will be analyzed and the remaining samples collected from DI-81-01 and DI-81-02 will be held for possible future analysis depending on the results of the 0- to 1-foot sample collected from DI-81-01. Analysis of samples will be for cadmium using USEPA SW-846 Method 6010B.

## **3.0 SAMPLING METHODOLOGIES**

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This section provides information specific to the actual field methods that will be employed in support of the additional design soil investigation. Sample collection, equipment decontamination, ground surface restoration, sample packaging, analytical protocols, quality control sample collection, and data validation are discussed in this section.

### ***3.1 Sample Collection***

Sample collection 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). A stainless steel hand auger will be used to create the boring and to remove the soil from the borehole. The diameter of the boring will be approximately 2-inches. Physical observations of the soil will be made for each 1-foot sample interval. The soil in each sample interval will be thoroughly mixed prior to placement in laboratory supplied sample containers. The samples will be collected and handled using new, disposable nitrile gloves. The hand auger will be decontaminated, and each of the borings will be backfilled with the excess soil. When backfilling a boring, the excess soil will be placed in the borehole at approximately the depth it was removed.

### ***3.2 Equipment Decontamination***

Field decontamination will be minimized to the extent practical by using disposable equipment or pre-cleaned reusable equipment. However, as necessary, reusable sampling equipment will be decontaminated before use. The decontamination procedure will consist of a wash with a phosphate-free detergent and potable water, a potable water rinse, a 10% nitric acid rinse, and a final distilled water rinse. The decontaminated equipment 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 potentially caused by the sampling crew and equipment. At each sample location, an approximate 2-inch diameter patch of the vegetative cover will be removed down to the root and set aside to be replaced on the surface of the sample location after the boring has been backfilled. Any damage that may occur to the lawns where soil borings are advanced will be repaired with topsoil and grass seed following the completion of the field activities. If large areas require restoration, appropriate measures (e.g., hay bales) will be implemented to ensure that the work does not cause increased erosion.

### ***3.4 Sample Packaging***

Prior to the soil sampling activities, sample containers will be pre-cleaned by the laboratory and delivered to the field representative. The field representative will place a label on the sample containers. As soil samples are collected, the label will be used to record the sample identifier, date and time of sample collection, and the name of the person collecting the sample. After the samples have been collected, they 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 one for each 20 samples collected.

Based on the quantity of proposed samples to be collected (i.e., 156 samples), approximately 8 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***

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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. By using a hand auger to collect soil samples, energy consumption will be minimized and no green house gases or pollutants will be emitted. The use of the less intrusive sampling equipment will also minimize disruption to the environment by preventing unintended damage of the groundcover and 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 five minutes. Mobilization and demobilization to and from the site by 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**

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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, and access.

### ***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 Sample 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 field and analytical data, at least three additional attempts 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 consent of private property owners. Lockheed Martin and Onondaga County have an access agreement to perform activities within the Bloody Brook Drainage District easement. However, most of the 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***

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Upon NYSDEC approval of this Work Plan, implementation of the additional 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 two 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 two 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 additional design soil investigation results. In addition, Lockheed Martin will provide to each property owner the additional design soil investigation results from their property including a table and figure summarizing those results.

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***TABLES***

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**Table 1A**  
**Summary of Soil Classification and Analytical Data<sup>1</sup>**  
**West Branch of Bloody Brook**  
**Bloody Brook Voluntary Cleanup Program**  
**Onondaga County, New York**

| Boring ID | Figure Coordinates <sup>2</sup> | Sampling Interval | Analyte | Surface Elevation (ft) | Brook Elevation (ft) | Sample Elevation at Bottom of Interval (ft) | Sample Relation to Brook Level | General Soil Classification <sup>3</sup>                       | Collection Date | Result (mg/kg)   |
|-----------|---------------------------------|-------------------|---------|------------------------|----------------------|---|--------------------------------|--|-----------------|------------------|
| DI-01-01  | G9                              | 0' - 1'           | Cadmium | 385.50                 | 375.85               | 384.50                                      | Above                          | Sandy silt, organics and wood                                  | 5/2/2011        | 0.15 J           |
|           |                                 | 1' - 2'           | Cadmium |                        | 375.85               | 383.50                                      | Above                          | Sandy silt   | 5/2/2011        | 0.059 J [0.19 J] |
|           |                                 | 2' - 3'           | Cadmium |                        | 375.85               | 382.50                                      | Above                          | Sandy silt   | 5/2/2011        | 0.11 J           |
|           |                                 | 3' - 4'           | Cadmium |                        | 375.85               | 381.50                                      | Above                          | Sandy silt   | 5/2/2011        | 0.047 J          |
|           |                                 | 4' - 5'           | Cadmium |                        | 375.85               | 380.50                                      | Above                          | Sandy silt   | 5/2/2011        | 0.11 J           |
|           |                                 | 5' - 6'           | Cadmium |                        | 375.85               | 379.50                                      | Above                          | Sandy silt   | 5/2/2011        | 0.060 J          |
|           |                                 | 6' - 7'           | Cadmium |                        | 375.85               | 378.50                                      | Above                          | Silty sand with little clay, Sandy silt with organics at 6'-8" | 5/2/2011        | 0.19 J           |
|           |                                 | 7' - 8'           | Cadmium |                        | 375.85               | 377.50                                      | Above                          | Silt with little clay  | 5/2/2011        | 0.079 J          |
|           |                                 | 8' - 9'           | Cadmium |                        | 375.85               | 376.50                                      | Above                          | Grades to fine sand, little silt, silt with organics at 8'-10" | 5/2/2011        | 3.1              |
|           |                                 | 9' - 10'          | Cadmium |                        | 375.85               | 375.50                                      | At                             | Organics with some silt, trace sand, trace clay                | 5/2/2011        | 2,450            |
|           |                                 | 10' - 11'         | Cadmium |                        | 375.85               | 374.50                                      | Below                          | Grades to fine sand with white crystals, little silt           | 5/2/2011        | 2.6              |
|           |                                 | 11' - 12'         | Cadmium |                        | 375.85               | 373.50                                      | Below                          | Medium to fine sand  | 5/2/2011        | 0.49 B           |
|           |                                 | 12' - 13'         | Cadmium |                        | 375.85               | 372.50                                      | Below                          | Medium to fine sand  | 5/2/2011        | 13.8             |
| DI-01-02  | G9                              | 0' - 1'           | Cadmium | 386.29                 | 375.82               | 385.29                                      | Above                          | Silt with fine sand, trace clay                                | 4/27/2011       | NA               |
|           |                                 | 1' - 2'           | Cadmium |                        | 375.82               | 384.29                                      | Above                          | Silt with fine sand, trace clay                                | 4/27/2011       | NA               |
|           |                                 | 2' - 3'           | Cadmium |                        | 375.82               | 383.29                                      | Above                          | Silt with fine sand, trace clay                                | 4/27/2011       | NA               |
|           |                                 | 3' - 4'           | Cadmium |                        | 375.82               | 382.29                                      | Above                          | Silt with fine sand, some clay                                 | 4/27/2011       | NA               |
|           |                                 | 4' - 5'           | Cadmium |                        | 375.82               | 381.29                                      | Above                          | Clayey silt  | 4/27/2011       | NA               |
|           |                                 | 5' - 6'           | Cadmium |                        | 375.82               | 380.29                                      | Above                          | Clayey silt  | 4/27/2011       | NA               |
|           |                                 | 6' - 7'           | Cadmium |                        | 375.82               | 379.29                                      | Above                          | Silty clay   | 4/27/2011       | NA               |
|           |                                 | 7' - 8'           | Cadmium |                        | 375.82               | 378.29                                      | Above                          | Silty clay   | 4/27/2011       | NA               |
|           |                                 | 8' - 9'           | Cadmium |                        | 375.82               | 377.29                                      | Above                          | Silty clay   | 4/27/2011       | 0.40             |
|           |                                 | 9' - 10'          | Cadmium |                        | 375.82               | 376.29                                      | Below                          | Silty clay   | 4/27/2011       | 0.12 J           |
|           |                                 | 10' - 11'         | Cadmium |                        | 375.82               | 375.29                                      | At                             | Sandy silt, little clay at 10'-2"                              | 4/27/2011       | 0.26             |
|           |                                 | 11' - 12'         | Cadmium |                        | 375.82               | 374.29                                      | Below                          | Sandy silt, little clay, organics                              | 4/27/2011       | 12.9             |
|           |                                 | 12' - 13'         | Cadmium |                        | 375.82               | 373.29                                      | Below                          | Silty clay   | 4/27/2011       | 1.1              |
|           |                                 | 13' - 14'         | Cadmium |                        | 375.82               | 372.29                                      | Below                          | Silty clay   | 4/27/2011       | 2.8              |
|           |                                 | 14' - 15'         | Cadmium |                        | 375.82               | 371.29                                      | Below                          | Silty clay, organics   | 4/27/2011       | 18.8             |
| DI-01-03  | G9                              | 0' - 1'           | Cadmium | 388.52                 | 375.77               | 387.52                                      | Above                          | Sandy, silt, trace clay  | 4/27/2011       | See Note 12      |
|           |                                 | 1' - 2'           | Cadmium |                        | 375.77               | 386.52                                      | Above                          | Sandy, silt, trace clay  | 4/27/2011       | See Note 12      |
|           |                                 | 2' - 3'           | Cadmium |                        | 375.77               | 385.52                                      | Above                          | Sandy, silt, trace clay  | 4/27/2011       | See Note 12      |
|           |                                 | 3' - 4'           | Cadmium |                        | 375.77               | 384.52                                      | Above                          | Sandy, silt, trace clay  | 4/27/2011       | See Note 12      |
|           |                                 | 4' - 5'           | Cadmium |                        | 375.77               | 383.52                                      | Above                          | Sandy, silt, trace clay  | 4/27/2011       | See Note 12      |
|           |                                 | 5' - 6'           | Cadmium |                        | 375.77               | 382.52                                      | Above                          | Sandy Silt to Silty Sand                                       | 4/27/2011       | See Note 12      |
|           |                                 | 6' - 7'           | Cadmium |                        | 375.77               | 381.52                                      | Above                          | Coarse to fine sand, little gravel, little silt at 6'-7"       | 4/27/2011       | See Note 12      |
|           |                                 | 7' - 8'           | Cadmium |                        | 375.77               | 380.52                                      | Above                          | Organics, fine silty clay                                      | 4/27/2011       | See Note 12      |
|           |                                 | 8' - 9'           | Cadmium |                        | 375.77               | 379.52                                      | Above                          | Organics, coarse to fine sand                                  | 4/27/2011       | See Note 12      |
|           |                                 | 9' - 10'          | Cadmium |                        | 375.77               | 378.52                                      | Above                          | Organics, wood   | 4/27/2011       | See Note 12      |
|           |                                 | 10' - 11'         | Cadmium |                        | 375.77               | 377.52                                      | Above                          | Organics, wood   | 4/27/2011       | See Note 12      |
|           |                                 | 11' - 12'         | Cadmium |                        | 375.77               | 376.52                                      | Above                          | Organics, wood   | 4/27/2011       | See Note 12      |
|           |                                 | 12' - 13'         | Cadmium |                        | 375.77               | 375.52                                      | At                             | Sandy, silt, some organics                                     | 4/27/2011       | See Note 12      |
|           |                                 | 13' - 14'         | Cadmium |                        | 375.77               | 374.52                                      | Below                          | Organics with some sand, trace gravel at 13'-4"                | 4/27/2011       | See Note 12      |
|           |                                 | 14' - 15'         | Cadmium |                        | 375.77               | 373.52                                      | Below                          | Organics with some sand, trace gravel                          | 4/27/2011       | See Note 12      |
|           |                                 | 15' - 16'         | Cadmium |                        | 375.77               | 372.52                                      | Below                          | Organics and clay with little sand                             | 4/27/2011       | See Note 12      |
| DI-02-01  | E9                              | 0' - 1'           | Cadmium | 378.97                 | 374.00               | 377.97                                      | Above                          | Clayey silt, silt, gabion rock                                 | 4/27/2011       | 22               |
|           |                                 | 1' - 2'           | Cadmium |                        | 374.00               | 376.97                                      | Above                          | Clayey silt, silty clay  | 4/27/2011       | 1.7              |
|           |                                 | 2' - 3'           | Cadmium |                        | 374.00               | 375.97                                      | Above                          | Clayey silt, silty clay  | 4/27/2011       | 0.21 J           |
|           |                                 | 3' - 4'           | Cadmium |                        | 374.00               | 374.97                                      | Above                          | Clayey silt, sandy silt  | 4/27/2011       | 0.13 J           |
|           |                                 | 4' - 5'           | Cadmium |                        | 374.00               | 373.97                                      | At                             | Sandy silt, clayey silt  | 4/27/2011       | 0.16 J           |
|           |                                 | 5' - 6'           | Cadmium |                        | 374.00               | 372.97                                      | Below                          | Clayey silt, sandy silt, silt                                  | 4/27/2011       | 1.1              |
|           |                                 | 6' - 7'           | Cadmium |                        | 374.00               | 371.97                                      | Below                          | Sandy silt, silt, clayey silt                                  | 4/27/2011       | 2.9              |
|           |                                 | 7' - 8'           | Cadmium |                        | 374.00               | 370.97                                      | Below                          | Silty clay, clay, sandy silt, silty sand, organics             | 4/27/2011       | 0.49             |
|           |                                 | 8' - 9'           | Cadmium |                        | 374.00               | 369.97                                      | Below                          | Till   | 5/2/2011        | 0.47 B           |
|           |                                 | 9' - 10'          | Cadmium |                        | 374.00               | 368.97                                      | Below                          | Till   | 5/2/2011        | 0.27 B           |
| DI-02-02  | E9                              | 0' - 1'           | Cadmium | 379.40                 | 374.00               | 378.40                                      | Above                          | Clayey silt, silt  | 4/27/2011       | 0.80             |
|           |                                 | 1' - 2'           | Cadmium |                        | 374.00               | 377.40                                      | Above                          | Clayey silt  | 4/27/2011       | 0.070 J          |
|           |                                 | 2' - 3'           | Cadmium |                        | 374.00               | 376.40                                      | Above                          | Silty clay, clayey silt  | 4/27/2011       | NA               |
|           |                                 | 3' - 4'           | Cadmium |                        | 374.00               | 375.40                                      | Above                          | Silty clay   | 4/27/2011       | NA               |

**Table 1A**  
**Summary of Soil Classification and Analytical Data<sup>1</sup>**  
**West Branch of Bloody Brook**  
**Bloody Brook Voluntary Cleanup Program**  
**Onondaga County, New York**

| Boring ID | Figure Coordinates <sup>2</sup> | Sampling Interval | Analyte | Surface Elevation (ft) | Brook Elevation (ft) | Sample Elevation at Bottom of Interval (ft) | Sample Relation to Brook Level | General Soil Classification <sup>3</sup>           | Collection Date | Result (mg/kg)        |
|-----------|---------------------------------|-------------------|---------|------------------------|----------------------|---|--------------------------------|--|-----------------|-----------------------|
| DI-03-01  | D12                             | 0' - 1'           | Cadmium | 378.75                 | 371.37               | 377.75                                      | Above                          | Silt, little fine sand, trace clay                 | 4/27/2011       | 0.45 B                |
|           |                                 | 1' - 2'           | Cadmium |                        | 371.37               | 376.75                                      | Above                          | Silt, little fine sand, trace clay                 | 4/27/2011       | <0.26 U               |
|           |                                 | 2' - 3'           | Cadmium |                        | 371.37               | 375.75                                      | Above                          | Silt, little fine sand, trace clay                 | 4/27/2011       | <0.25 U               |
|           |                                 | 3' - 4'           | Cadmium |                        | 371.37               | 374.75                                      | Above                          | Clayey silt  | 4/27/2011       | <0.24 U               |
|           |                                 | 4' - 5'           | Cadmium |                        | 371.37               | 373.75                                      | Above                          | Clayey silt  | 4/27/2011       | <0.23 U               |
|           |                                 | 5' - 6'           | Cadmium |                        | 371.37               | 372.75                                      | Above                          | Clayey silt  | 4/27/2011       | <0.25 U               |
|           |                                 | 6' - 7'           | Cadmium |                        | 371.37               | 371.75                                      | At                             | Clayey silt  | 4/27/2011       | <0.26 U               |
|           |                                 | 7' - 8'           | Cadmium |                        | 371.37               | 370.75                                      | Below                          | Clayey silt  | 4/27/2011       | 0.096 J               |
|           |                                 | 8' - 9'           | Cadmium |                        | 371.37               | 378.68                                      | Above                          | Silt with little fine sand, trace gravel           | 4/27/2011       | 0.23 J                |
| DI-03-02  | C12                             | 0' - 1'           | Cadmium | 379.68                 | 371.37               | 377.68                                      | Above                          | Silt, trace clay                                   | 4/27/2011       | 0.17 J                |
|           |                                 | 1' - 2'           | Cadmium |                        | 371.37               | 376.68                                      | Above                          | Silt, trace clay                                   | 4/27/2011       | 0.15 J                |
|           |                                 | 2' - 3'           | Cadmium |                        | 371.37               | 375.68                                      | Above                          | Silt, some clay                                    | 4/27/2011       | 0.16 J                |
|           |                                 | 3' - 4'           | Cadmium |                        | 371.37               | 374.68                                      | Above                          | Silty clay   | 4/27/2011       | 0.25 J                |
|           |                                 | 4' - 5'           | Cadmium |                        | 371.37               | 373.68                                      | Above                          | Silty clay   | 4/27/2011       | <0.25 U               |
|           |                                 | 5' - 6'           | Cadmium |                        | 371.37               | 372.68                                      | Above                          | Silty clay   | 4/27/2011       | <0.23 U               |
|           |                                 | 6' - 7'           | Cadmium |                        | 371.37               | 371.68                                      | At                             | Silty clay   | 4/27/2011       | <0.24 U               |
|           |                                 | 7' - 8'           | Cadmium |                        | 371.37               | 370.68                                      | Below                          | Silt   | 4/27/2011       | <0.22 U               |
|           |                                 | 8' - 9'           | Cadmium |                        | 371.37               | 379.30                                      | Above                          | Sandy gravel, organics, little silt                | 4/27/2011       | 0.18 J                |
| DI-03-03  | C12                             | 0' - 1'           | Cadmium | 380.30                 | 371.37               | 378.30                                      | Above                          | Medium to fine sand with little silt, trace gravel | 4/27/2011       | 0.067 J               |
|           |                                 | 1' - 2'           | Cadmium |                        | 371.37               | 377.30                                      | Above                          | Silty clay   | 4/27/2011       | 0.068 J               |
|           |                                 | 2' - 3'           | Cadmium |                        | 371.37               | 376.30                                      | Above                          | Silty clay   | 4/27/2011       | <0.24                 |
|           |                                 | 3' - 4'           | Cadmium |                        | 371.37               | 375.30                                      | Above                          | Medium to fine sand with trace gravel, trace silt  | 4/27/2011       | 0.057 J               |
|           |                                 | 4' - 5'           | Cadmium |                        | 371.37               | 374.30                                      | Above                          | Silty clay, trace gravel at 5'-7"                  | 4/27/2011       | 0.048 J               |
|           |                                 | 5' - 6'           | Cadmium |                        | 371.37               | 373.30                                      | Above                          | Clayey silt  | 4/27/2011       | 0.084 J               |
|           |                                 | 6' - 7'           | Cadmium |                        | 371.37               | 372.30                                      | Above                          | Clayey silt  | 4/27/2011       | 0.063 J               |
|           |                                 | 7' - 8'           | Cadmium |                        | 371.37               | 371.30                                      | At                             | Clay with some silt                                | 4/27/2011       | 1.3                   |
|           |                                 | 8' - 9'           | Cadmium |                        | 371.37               | 370.30                                      | Below                          | Clay with some silt                                | 4/27/2011       | 170                   |
| DI-03-04  | C12                             | 0' - 1'           | Cadmium | 380.27                 | 371.37               | 379.27                                      | Above                          | Sandy gravel, trace silt, organics                 | 4/27/2011       | 0.28                  |
|           |                                 | 1' - 2'           | Cadmium |                        | 371.37               | 378.27                                      | Above                          | Sandy gravel, some silt                            | 4/27/2011       | 0.23                  |
|           |                                 | 2' - 3'           | Cadmium |                        | 371.37               | 377.27                                      | Above                          | Coarse to fine sand, trace gravel, trace silt      | 4/27/2011       | 0.31                  |
|           |                                 | 3' - 4'           | Cadmium |                        | 371.37               | 376.27                                      | Above                          | Coarse to fine sand, trace gravel, trace silt      | 4/27/2011       | 0.25                  |
|           |                                 | 4' - 5'           | Cadmium |                        | 371.37               | 375.27                                      | Above                          | Sandy gravel, trace silt                           | 4/27/2011       | 0.13 J                |
|           |                                 | 5' - 6'           | Cadmium |                        | 371.37               | 374.27                                      | Above                          | Clayey silt and debris at 5'-7"                    | 4/27/2011       | 0.29                  |
|           |                                 | 6' - 7'           | Cadmium |                        | 371.37               | 373.27                                      | Above                          | ---  | Refusal         | Refusal <sup>13</sup> |
|           |                                 | 7' - 8'           | Cadmium |                        | 371.37               | 372.27                                      | Above                          | ---  | Refusal         | Refusal <sup>13</sup> |
|           |                                 | 8' - 9'           | Cadmium |                        | 371.37               | 371.27                                      | At                             | ---  | Refusal         | Refusal <sup>13</sup> |
|           |                                 | 9' - 10'          | Cadmium |                        | 371.37               | 370.27                                      | Below                          | ---  | Refusal         | Refusal <sup>13</sup> |
|           |                                 | 10' - 11'         | Cadmium |                        | 371.37               | 369.27                                      | Below                          | ---  | Refusal         | Refusal <sup>13</sup> |
| DI-03-05  | C12                             | 0' - 1'           | Cadmium | 380.56                 | 371.37               | 379.56                                      | Above                          | Medium gravel, coarse to fine sand, trace silt     | 4/27/2011       | 0.33                  |
|           |                                 | 1' - 2'           | Cadmium |                        | 371.37               | 378.56                                      | Above                          | Medium gravel, coarse to fine sand, trace silt     | 4/27/2011       | 0.30                  |
|           |                                 | 2' - 3'           | Cadmium |                        | 371.37               | 377.56                                      | Above                          | Medium gravel, coarse to fine sand, trace silt     | 4/27/2011       | 0.27                  |
|           |                                 | 3' - 4'           | Cadmium |                        | 371.37               | 376.56                                      | Above                          | Medium gravel, coarse to fine sand, some silt      | 4/27/2011       | 0.31                  |
|           |                                 | 4' - 5'           | Cadmium |                        | 371.37               | 375.56                                      | Above                          | Medium gravel, coarse to fine sand, some silt      | 4/27/2011       | 0.11 J                |
|           |                                 | 5' - 6'           | Cadmium |                        | 371.37               | 374.56                                      | Above                          | Silt, fine sand, trace clay                        | 4/27/2011       | 0.12 J                |
|           |                                 | 6' - 7'           | Cadmium |                        | 371.37               | 373.56                                      | Above                          | Silt, fine sand, trace clay                        | 4/27/2011       | 0.15 J                |
|           |                                 | 7' - 8'           | Cadmium |                        | 371.37               | 372.56                                      | Above                          | Silt, fine sand, trace clay                        | 4/27/2011       | 0.14 J                |
|           |                                 | 8' - 9'           | Cadmium |                        | 371.37               | 371.56                                      | At                             | Fine to coarse sand, trace silt at 8'-3"           | 4/27/2011       | 0.074 J               |
|           |                                 | 9' - 10'          | Cadmium |                        | 371.37               | 370.56                                      | Below                          | Sandy gravel, little silt, Silty sand at 9'-8"     | 4/27/2011       | 0.15 J                |
|           |                                 | 10' - 11'         | Cadmium |                        | 371.37               | 369.56                                      | Below                          | Silty clay with organics                           | 4/27/2011       | 267                   |
|           |                                 | 11' - 12'         | Cadmium |                        | 371.37               | 368.56                                      | Below                          | Silty clay with organics, strong odor              | 4/27/2011       | 5.9                   |

**Table 1A**  
**Summary of Soil Classification and Analytical Data<sup>1</sup>**  
**West Branch of Bloody Brook**  
**Bloody Brook Voluntary Cleanup Program**  
**Onondaga County, New York**

| Boring ID | Figure Coordinates <sup>2</sup> | Sampling Interval | Analyte | Surface Elevation (ft) | Brook Elevation (ft) | Sample Elevation at Bottom of Interval (ft) | Sample Relation to Brook Level | General Soil Classification <sup>3</sup>           | Collection Date | Result (mg/kg)  |
|-----------|---------------------------------|-------------------|---------|------------------------|----------------------|---|--------------------------------|--|-----------------|-----------------|
| DI-17-01  | D13                             | 0' - 1'           | Cadmium | 378.07                 | 371.28               | 377.07                                      | Above                          | Silty sand, sandy silt, roots                      | 5/2/2011        | 0.43            |
|           |                                 | 1' - 2'           | Cadmium |                        | 371.28               | 376.07                                      | Above                          | Sandy silt, clayey silt                            | 5/2/2011        | 0.15 J          |
|           |                                 | 2' - 3'           | Cadmium |                        | 371.28               | 375.07                                      | Above                          | Sandy silt   | 5/2/2011        | 0.057 J         |
|           |                                 | 3' - 4'           | Cadmium |                        | 371.28               | 374.07                                      | Above                          | Sandy silt, clayey silt                            | 5/2/2011        | 0.048 J         |
|           |                                 | 4' - 5'           | Cadmium |                        | 371.28               | 373.07                                      | Above                          | Silt, sandy silt                                   | 5/2/2011        | 0.090 J         |
|           |                                 | 5' - 6'           | Cadmium |                        | 371.28               | 372.07                                      | Above                          | Silt, clayey silt, organics                        | 5/2/2011        | 161             |
|           |                                 | 6' - 7'           | Cadmium |                        | 371.28               | 371.07                                      | At                             | Sandy silt   | 5/2/2011        | 0.38 B          |
|           |                                 | 7' - 8'           | Cadmium |                        | 371.28               | 370.07                                      | Below                          | Sandy silt, silt                                   | 5/2/2011        | <0.31 U         |
|           |                                 | 8' - 9'           | Cadmium |                        | 371.28               | 369.07                                      | Below                          | Sandy silt, clayey silt                            | 5/2/2011        | 0.46 B          |
|           |                                 | 9' - 10'          | Cadmium |                        | 371.28               | 368.72                                      | Below                          | Clayey silt  | 5/2/2011        | NA              |
| DI-17-02  | D13                             | 0' - 1'           | Cadmium | 378.72                 | 371.28               | 377.72                                      | Above                          | Sandy silt, little clay, roots                     | 5/2/2011        | NA              |
|           |                                 | 1' - 2'           | Cadmium |                        | 371.28               | 376.72                                      | Above                          | Sandy silt   | 5/2/2011        | NA              |
|           |                                 | 2' - 3'           | Cadmium |                        | 371.28               | 375.72                                      | Above                          | Sandy silt   | 5/2/2011        | NA              |
|           |                                 | 3' - 4'           | Cadmium |                        | 371.28               | 374.72                                      | Above                          | Sandy silt   | 5/2/2011        | NA              |
|           |                                 | 4' - 5'           | Cadmium |                        | 371.28               | 373.72                                      | Above                          | Sandy silt   | 5/2/2011        | 0.33            |
|           |                                 | 5' - 6'           | Cadmium |                        | 371.28               | 372.72                                      | Above                          | Sandy silt with little clay                        | 5/2/2011        | 1.2             |
|           |                                 | 6' - 7'           | Cadmium |                        | 371.28               | 371.72                                      | At                             | Clayey silt with little fine sand                  | 5/2/2011        | 0.37            |
|           |                                 | 7' - 8'           | Cadmium |                        | 371.28               | 370.72                                      | Below                          | Silty clay with little fine sand                   | 5/2/2011        | NA              |
|           |                                 | 8' - 9'           | Cadmium |                        | 371.28               | 369.72                                      | Below                          | Silty clay with little fine sand                   | 5/2/2011        | NA              |
|           |                                 | 9' - 10'          | Cadmium |                        | 371.28               | 368.72                                      | Below                          | Clayey silt  | 5/2/2011        | NA              |
| DI-19-01  | E4                              | 0' - 1'           | Cadmium | 386.10                 | 383.00               | 385.10                                      | Above                          | Clayey silt, organics, roots                       | 5/3/2011        | 4.3 B           |
|           |                                 | 1' - 2'           | Cadmium |                        | 383.00               | 384.10                                      | Above                          | Sandy silt, silt, gravel                           | 5/3/2011        | 5.5 B           |
|           |                                 | 2' - 3'           | Cadmium |                        | 383.00               | 383.10                                      | At                             | Sandy silt, silt, clayey silt, gravel              | 5/3/2011        | 14.9 B          |
|           |                                 | 3' - 4'           | Cadmium |                        | 383.00               | 382.10                                      | Below                          | Sandy silt, gravels, clayey silt                   | 5/3/2011        | 1.0 B           |
| DI-19-02  | E4                              | 0' - 1'           | Cadmium | 387.10                 | 383.00               | 386.10                                      | Above                          | Clayey silt, silt, sandy silt, roots               | 5/3/2011        | 0.16 J          |
|           |                                 | 1' - 2'           | Cadmium |                        | 383.00               | 385.10                                      | Above                          | Sandy silt, silt, clayey silt, roots               | 5/3/2011        | 13.4            |
|           |                                 | 2' - 3'           | Cadmium |                        | 383.00               | 384.10                                      | Above                          | Sandy silt, silt                                   | 5/3/2011        | 2.6             |
|           |                                 | 3' - 4'           | Cadmium |                        | 383.00               | 383.10                                      | At                             | Sandy silt, clayey silt, silt                      | 5/3/2011        | 2.9             |
| DI-19-03  | F4                              | 0' - 1'           | Cadmium | 387.10                 | 383.00               | 386.10                                      | Above                          | Clayey silt, sandy silt, silt, roots               | 5/3/2011        | 0.76            |
|           |                                 | 1' - 2'           | Cadmium |                        | 383.00               | 385.10                                      | Above                          | Silt, sandy silt, roots                            | 5/3/2011        | 0.30            |
| DI-20-01  | F5                              | 0' - 1'           | Cadmium | 386.33                 | 382.82               | 385.33                                      | Above                          | Clayey silt, silt                                  | 5/3/2011        | 171 B           |
|           |                                 | 1' - 2'           | Cadmium |                        | 382.82               | 384.33                                      | Above                          | Clayey silt, silt, sandy silt, gravel, roots       | 5/3/2011        | 1.2 B           |
|           |                                 | 2' - 3'           | Cadmium |                        | 382.82               | 383.33                                      | Above                          | Sandy silt, silt, roots                            | 5/3/2011        | 2.6 B           |
|           |                                 | 3' - 4'           | Cadmium |                        | 382.82               | 382.33                                      | At                             | Clayey silt, sandy silt, silt, gravel              | 5/3/2011        | 0.52 B          |
| DI-20-02  | F5                              | 0' - 1'           | Cadmium | 387.72                 | 382.82               | 386.72                                      | Above                          | Clayey silt, silt, silty clay                      | 5/3/2011        | 0.29            |
|           |                                 | 1' - 2'           | Cadmium |                        | 382.82               | 385.72                                      | Above                          | Clayey silt, silt, plastic bag (fill)              | 5/3/2011        | 0.23 J          |
|           |                                 | 2' - 3'           | Cadmium |                        | 382.82               | 384.72                                      | Above                          | Silt, sandy silt                                   | 5/3/2011        | NA              |
|           |                                 | 3' - 4'           | Cadmium |                        | 382.82               | 383.72                                      | Above                          | Silt, sandy silt                                   | 5/3/2011        | NA              |
| DI-21-01  | F9                              | 0' - 1'           | Cadmium | 381.68                 | 375.00               | 380.68                                      | Above                          | Silty sand, organics                               | 4/29/2011       | 0.83            |
|           |                                 | 1' - 2'           | Cadmium |                        | 375.00               | 379.68                                      | Above                          | Silty sand, organics                               | 4/29/2011       | 0.33            |
|           |                                 | 2' - 3'           | Cadmium |                        | 375.00               | 378.68                                      | Above                          | Silty sand   | 4/29/2011       | 0.097 J         |
|           |                                 | 3' - 4'           | Cadmium |                        | 375.00               | 377.68                                      | Above                          | Silty sand   | 4/29/2011       | 0.042 J         |
| DI-22-01  | F10                             | 0' - 1'           | Cadmium | 382.43                 | 373.75               | 381.43                                      | Above                          | Silty sand, trace clay                             | 4/29/2011       | 0.73            |
|           |                                 | 1' - 2'           | Cadmium |                        | 373.75               | 380.43                                      | Above                          | Sandy silt, silty sand                             | 4/29/2011       | 0.19 J          |
|           |                                 | 2' - 3'           | Cadmium |                        | 373.75               | 379.43                                      | Above                          | Sandy silt, silty sand                             | 4/29/2011       | 0.14 J          |
|           |                                 | 3' - 4'           | Cadmium |                        | 373.75               | 378.43                                      | Above                          | Sandy silt, silty sand                             | 4/29/2011       | 0.074 J         |
| DI-23-01  | D11                             | 0' - 1'           | Cadmium | 378.00                 | 371.82               | 377.00                                      | Above                          | Silty clay, clayey silt                            | 4/27/2011       | 6.2 B           |
|           |                                 | 1' - 2'           | Cadmium |                        | 371.82               | 376.00                                      | Above                          | Clayey silt, silty clay                            | 4/27/2011       | 0.65 B [0.61 B] |
|           |                                 | 2' - 3'           | Cadmium |                        | 371.82               | 375.00                                      | Above                          | Silty clay, clay                                   | 4/27/2011       | <0.21 U         |
|           |                                 | 3' - 4'           | Cadmium |                        | 371.82               | 374.00                                      | Above                          | Silty clay, clay                                   | 4/27/2011       | 0.64 B          |
| DI-23-02  | D11                             | 0' - 1'           | Cadmium | 378.27                 | 371.82               | 377.27                                      | Above                          | Clayey silt, silty clay                            | 4/27/2011       | 0.30            |
|           |                                 | 1' - 2'           | Cadmium |                        | 371.82               | 376.27                                      | Above                          | Clayey silt, sandy silt                            | 4/27/2011       | 0.086 J         |
|           |                                 | 2' - 3'           | Cadmium |                        | 371.82               | 375.27                                      | Above                          | Silt, sandy silt, clayey silt                      | 4/27/2011       | NA              |
|           |                                 | 3' - 4'           | Cadmium |                        | 371.82               | 374.27                                      | Above                          | Sandy silt, silt, silty sand                       | 4/27/2011       | NA              |
| DI-24-01  | D11                             | 0' - 1'           | Cadmium | 378.54                 | 371.68               | 377.54                                      | Above                          | Silty sand, trace clay                             | 4/26/2011       | 0.76            |
|           |                                 | 1' - 2'           | Cadmium |                        | 371.68               | 376.54                                      | Above                          | Silt, little fine sand, trace clay                 | 4/26/2011       | 0.15 J          |
|           |                                 | 2' - 3'           | Cadmium |                        | 371.68               | 375.54                                      | Above                          | Clayey silt with some fine sand                    | 4/26/2011       | 0.17 J          |
|           |                                 | 3' - 4'           | Cadmium |                        | 371.68               | 374.54                                      | Above                          | Clayey silt with some fine sand                    | 4/26/2011       | 0.18 J          |
| DI-25-01  | D12                             | 0' - 1'           | Cadmium | 379.06                 | 371.55               | 378.06                                      | Above                          | Sandy silt, trace clay                             | 4/26/2011       | 0.30            |
|           |                                 | 1' - 2'           | Cadmium |                        | 371.55               | 377.06                                      | Above                          | Sandy silt, trace clay                             | 4/26/2011       | 0.13 J [0.17 J] |
|           |                                 | 2' - 3'           | Cadmium |                        | 371.55               | 376.06                                      | Above                          | Clayey silt, some fine sand                        | 4/26/2011       | 0.052 J         |
|           |                                 | 3' - 4'           | Cadmium |                        | 371.55               | 375.06                                      | Above                          | Clayey silt, some fine sand, decrease in fine sand | 4/26/2011       | 0.11 J          |

**Table 1A**  
**Summary of Soil Classification and Analytical Data<sup>1</sup>**  
**West Branch of Bloody Brook**  
**Bloody Brook Voluntary Cleanup Program**  
**Onondaga County, New York**

| Boring ID | Figure Coordinates <sup>2</sup> | Sampling Interval | Analyte | Surface Elevation (ft) | Brook Elevation (ft) | Sample Elevation at Bottom of Interval (ft) | Sample Relation to Brook Level | General Soil Classification <sup>3</sup>                          | Collection Date | Result (mg/kg)  |
|-----------|---------------------------------|-------------------|---------|------------------------|----------------------|---|--------------------------------|---|-----------------|-----------------|
| DI-26-01  | D12                             | 0' - 1'           | Cadmium | 377.76                 | 371.51               | 376.76                                      | Above                          | Clayey silt, silty clay   | 4/28/2011       | 0.91            |
|           |                                 | 1' - 2'           | Cadmium |                        | 371.51               | 375.76                                      | Above                          | Clayey silt, silt with plastic sheeting (fill)                    | 4/28/2011       | 0.30            |
|           |                                 | 2' - 3'           | Cadmium |                        | 371.51               | 374.76                                      | Above                          | Sandy silt, silty clay, gravel (fill)                             | 4/28/2011       | 74.2 J [9.2 J]  |
|           |                                 | 3' - 4'           | Cadmium |                        | 371.51               | 373.76                                      | Above                          | Clayey silt, sandy silt, silt                                     | 4/28/2011       | 129             |
| DI-26-02  | D12                             | 0' - 1'           | Cadmium | 378.47                 | 371.51               | 377.47                                      | Above                          | Fine sand, little silt  | 4/28/2011       | 0.66            |
|           |                                 | 1' - 2'           | Cadmium |                        | 371.51               | 376.47                                      | Above                          | Silty sand  | 4/28/2011       | 0.13 J          |
|           |                                 | 2' - 3'           | Cadmium |                        | 371.51               | 375.47                                      | Above                          | Silty sand  | 4/28/2011       | 0.098 J         |
|           |                                 | 3' - 4'           | Cadmium |                        | 371.51               | 374.47                                      | Above                          | Sandy silt  | 4/28/2011       | 0.13 J          |
| DI-27-01  | D13                             | 0' - 1'           | Cadmium | 375.77                 | 371.10               | 374.77                                      | Above                          | Clayey silt, sandy silt, silt                                     | 4/28/2011       | 0.61            |
|           |                                 | 1' - 2'           | Cadmium |                        | 371.10               | 373.77                                      | Above                          | Sandy silt, silty sand  | 4/28/2011       | 0.074 J         |
|           |                                 | 2' - 3'           | Cadmium |                        | 371.10               | 372.77                                      | Above                          | Sandy silt, clayey silt   | 4/28/2011       | 0.29            |
|           |                                 | 3' - 4'           | Cadmium |                        | 371.10               | 371.77                                      | At                             | Sandy silt, clayey silt, silty clay                               | 4/28/2011       | 0.12 J          |
| DI-28-01  | C13                             | 0' - 1'           | Cadmium | 378.30                 | 371.17               | 377.30                                      | Above                          | Silty clay  | 4/26/2011       | 0.16 J          |
|           |                                 | 1' - 2'           | Cadmium |                        | 371.17               | 376.30                                      | Above                          | Clay, silty clay  | 4/26/2011       | 0.083 J         |
|           |                                 | 2' - 3'           | Cadmium |                        | 371.17               | 375.30                                      | Above                          | Clay, silty clay  | 4/26/2011       | 0.039 J         |
|           |                                 | 3' - 4'           | Cadmium |                        | 371.17               | 374.30                                      | Above                          | Clay  | 4/26/2011       | 0.043 J [<0.26] |
| DI-29-01  | C14                             | 0' - 1'           | Cadmium | 377.73                 | 370.97               | 376.73                                      | Above                          | Silt, clayey silt   | 4/26/2011       | 0.23 J          |
|           |                                 | 1' - 2'           | Cadmium |                        | 370.97               | 375.73                                      | Above                          | Silty clay, clay  | 4/26/2011       | 0.18 J          |
|           |                                 | 2' - 3'           | Cadmium |                        | 370.97               | 374.73                                      | Above                          | Silty clay, clay  | 4/26/2011       | 0.24            |
|           |                                 | 3' - 4'           | Cadmium |                        | 370.97               | 373.73                                      | Above                          | Clay, silty clay, trace sandy silt                                | 4/26/2011       | 0.11 J          |
| DI-30-01  | D14                             | 0' - 1'           | Cadmium | 376.03                 | 370.79               | 375.03                                      | Above                          | Clayey silt, sandy silt, silty sand                               | 4/28/2011       | 1.0             |
|           |                                 | 1' - 2'           | Cadmium |                        | 370.79               | 374.03                                      | Above                          | Sandy silt, silty sand  | 4/28/2011       | 0.89            |
|           |                                 | 2' - 3'           | Cadmium |                        | 370.79               | 373.03                                      | Above                          | Sandy silt, silty sand, clayey silt                               | 4/28/2011       | 0.32            |
|           |                                 | 3' - 4'           | Cadmium |                        | 370.79               | 372.03                                      | Above                          | Sandy silt, silty sand, clayey silt                               | 4/28/2011       | 0.11 J [0.17 J] |
| DI-31-01  | C15                             | 0' - 1'           | Cadmium | 373.64                 | 370.63               | 372.64                                      | Above                          | Clayey silt, silt   | 4/28/2011       | 0.19 J          |
|           |                                 | 1' - 2'           | Cadmium |                        | 370.63               | 371.64                                      | Above                          | Clayey silt, silty clay   | 4/28/2011       | 0.22 J          |
|           |                                 | 2' - 3'           | Cadmium |                        | 370.63               | 370.64                                      | At                             | Silty clay, clay  | 4/28/2011       | 0.13 J          |
|           |                                 | 3' - 4'           | Cadmium |                        | 370.63               | 369.64                                      | Below                          | Silty clay, clay  | 4/28/2011       | 0.15 J          |
| DI-40-01  | C3                              | 0' - 1'           | Cadmium | 392.97                 | 384.00               | 391.97                                      | Above                          | Fine sand, little silt, organics to 6" then fine sand, trace silt | 8/25/2011       | 1.3             |
|           |                                 | 1' - 2'           | Cadmium |                        | 384.00               | 390.97                                      | Above                          | Fine sand, trace silt   | 8/25/2011       | 0.15 J          |
|           |                                 | 2' - 3'           | Cadmium |                        | 384.00               | 389.97                                      | Above                          | Fine sand, trace silt   | 8/25/2011       | 0.12 J [0.21]   |
|           |                                 | 3' - 4'           | Cadmium |                        | 384.00               | 388.97                                      | Above                          | Fine sand, trace silt   | 8/25/2011       | 0.13 J          |
| DI-41-01  | G5                              | 0' - 1'           | Cadmium | 382.64                 | 381.76               | 381.64                                      | At                             | Clayey silt, silt, sandy silt                                     | 5/2/2011        | 1.1             |
|           |                                 | 1' - 2'           | Cadmium |                        | 381.76               | 380.64                                      | Below                          | Clayey silt, sandy silt, silt                                     | 5/2/2011        | 0.19 J          |
|           |                                 | 2' - 3'           | Cadmium |                        | 381.76               | 379.64                                      | Below                          | Sandy silt, silt, clayey silt                                     | 5/2/2011        | 0.19 J          |
|           |                                 | 3' - 4'           | Cadmium |                        | 381.76               | 378.64                                      | Below                          | Sandy silt, clayey silt, silty clay, gravel                       | 5/2/2011        | 0.65            |
| DI-42-01  | H9                              | 0' - 1'           | Cadmium | 387.05                 | 376.73               | 386.05                                      | Above                          | Fine to medium sand, some silt                                    | 8/24/2011       | 0.31 [0.47]     |
|           |                                 | 1' - 2'           | Cadmium |                        | 376.73               | 385.05                                      | Above                          | Fine to medium sand, some silt                                    | 8/24/2011       | 0.20 J          |
|           |                                 | 2' - 3'           | Cadmium |                        | 376.73               | 384.05                                      | Above                          | Fine to medium sand, some silt                                    | 8/24/2011       | 0.063 J         |
|           |                                 | 3' - 4'           | Cadmium |                        | 376.73               | 383.05                                      | Above                          | Fine to medium sand, some silt, trace clay                        | 8/24/2011       | 0.075 J         |
| DI-43-01  | C16                             | 0' - 1'           | Cadmium | 375.75                 | 370.42               | 374.75                                      | Above                          | Clayey silt, sandy silt   | 4/28/2011       | 13.1            |
|           |                                 | 1' - 2'           | Cadmium |                        | 370.42               | 373.75                                      | Above                          | Sandy silt, silt  | 4/28/2011       | 0.29 J [0.74 J] |
|           |                                 | 2' - 3'           | Cadmium |                        | 370.42               | 372.75                                      | Above                          | Silty clay  | 4/28/2011       | 0.24 J          |
|           |                                 | 3' - 4'           | Cadmium |                        | 370.42               | 371.75                                      | Above                          | Silty clay  | 4/28/2011       | 0.24 J          |
| DI-43-02  | C16                             | 0' - 1'           | Cadmium | 376.96                 | 370.41               | 375.96                                      | Above                          | Clayey silt, silty sand   | 4/28/2011       | 0.35            |
|           |                                 | 1' - 2'           | Cadmium |                        | 370.41               | 374.96                                      | Above                          | Silty clay  | 4/28/2011       | 0.23 J          |
|           |                                 | 2' - 3'           | Cadmium |                        | 370.41               | 373.96                                      | Above                          | Silty clay, clayey silt   | 4/28/2011       | NA              |
|           |                                 | 3' - 4'           | Cadmium |                        | 370.41               | 372.96                                      | Above                          | Silty clay  | 4/28/2011       | NA              |
| DI-44-01  | D15                             | 0' - 1'           | Cadmium | 376.35                 | 370.53               | 375.35                                      | Above                          | Silt, fine sand with some silt at 3"                              | 4/28/2011       | 0.37            |
|           |                                 | 1' - 2'           | Cadmium |                        | 370.53               | 374.35                                      | Above                          | Silty sand  | 4/28/2011       | 0.50            |
|           |                                 | 2' - 3'           | Cadmium |                        | 370.53               | 373.35                                      | Above                          | Sandy silt  | 4/28/2011       | 0.19 J          |
|           |                                 | 3' - 4'           | Cadmium |                        | 370.53               | 372.35                                      | Above                          | Sandy silt  | 4/28/2011       | 0.22 J          |
| DI-51-01  | E8                              | 0' - 1'           | Cadmium | 381.02                 | 376.00               | 380.02                                      | Above                          | Clayey silt, silt   | 4/27/2011       | 3.8 B           |
|           |                                 | 1' - 2'           | Cadmium |                        | 376.00               | 379.02                                      | Above                          | Clayey silt   | 4/27/2011       | <0.26 U         |
|           |                                 | 2' - 3'           | Cadmium |                        | 376.00               | 378.02                                      | Above                          | Clayey silt, sandy silt, silty clay                               | 4/27/2011       | <0.24 U         |
|           |                                 | 3' - 4'           | Cadmium |                        | 376.00               | 377.02                                      | Above                          | Sandy silt  | 4/27/2011       | 2.0 B           |
| DI-51-02  | E8                              | 0' - 1'           | Cadmium | 380.77                 | 376.00               | 379.77                                      | Above                          | Clayey silt   | 4/27/2011       | 0.53            |
|           |                                 | 1' - 2'           | Cadmium |                        | 376.00               | 378.77                                      | Above                          | Clayey silt, silt   | 4/27/2011       | 0.13 J          |
|           |                                 | 2' - 3'           | Cadmium |                        | 376.00               | 377.77                                      | Above                          | Sandy silt, silty sand, clayey silt                               | 4/27/2011       | NA              |
|           |                                 | 3' - 4'           | Cadmium |                        | 376.00               | 376.77                                      | Above                          | Sandy silt, silty sand  | 4/27/2011       | NA              |

**Table 1A**  
**Summary of Soil Classification and Analytical Data<sup>1</sup>**  
**West Branch of Bloody Brook**  
**Bloody Brook Voluntary Cleanup Program**  
**Onondaga County, New York**

| Boring ID   | Figure Coordinates <sup>2</sup> | Sampling Interval | Analyte | Surface Elevation (ft) | Brook Elevation (ft) | Sample Elevation at Bottom of Interval (ft) | Sample Relation to Brook Level | General Soil Classification <sup>3</sup>        | Collection Date | Result (mg/kg)    |
|-------------|---------------------------------|-------------------|---------|------------------------|----------------------|---|--------------------------------|---|-----------------|-------------------|
| DI-52-01    | H7                              | 0' - 1'           | Cadmium | 382.99                 | 377.75               | 381.99                                      | Above                          | Fine sand, trace silt, wet                      | 8/25/2011       | 0.042 J           |
|             |                                 | 1' - 2'           | Cadmium |                        | 377.75               | 380.99                                      | Above                          | Fine sand, trace silt, wet                      | 8/25/2011       | 0.059 J           |
|             |                                 | 2' - 3'           | Cadmium |                        | 377.75               | 379.99                                      | Above                          | Gravelly sand                                   | 8/25/2011       | 0.059 J           |
|             |                                 | 3' - 4'           | Cadmium |                        | 377.75               | 378.99                                      | Above                          | Gravelly sand                                   | 8/25/2011       | 0.054 J           |
| DI-53-01    | I7                              | 0' - 1'           | Cadmium | 381.59                 | 377.49               | 380.59                                      | Above                          | Sandy silt, organics, trace clay                | 4/29/2011       | 2.5               |
|             |                                 | 1' - 2'           | Cadmium |                        | 377.49               | 379.59                                      | Above                          | Sandy silt, organics, trace clay                | 4/29/2011       | 1.3 J [0.39 J]    |
|             |                                 | 2' - 3'           | Cadmium |                        | 377.49               | 378.59                                      | Above                          | Sandy silt, organics, trace clay                | 4/29/2011       | 0.39              |
|             |                                 | 3' - 4'           | Cadmium |                        | 377.49               | 377.59                                      | At                             | Sandy silt, organics, trace clay                | 4/29/2011       | 0.13 J            |
| DI-53-02    | I7                              | 0' - 1'           | Cadmium | 382.27                 | 377.53               | 381.27                                      | Above                          | Clayey silt, sandy silt, silt, organics         | 4/29/2011       | 0.83              |
|             |                                 | 1' - 2'           | Cadmium |                        | 377.53               | 380.27                                      | Above                          | Sandy silt, silt, organics                      | 4/29/2011       | 2.1               |
|             |                                 | 2' - 3'           | Cadmium |                        | 377.53               | 379.27                                      | Above                          | Silt, sandy silt                                | 4/29/2011       | NA                |
|             |                                 | 3' - 4'           | Cadmium |                        | 377.53               | 378.27                                      | Above                          | Sandy silt, silt, clayey silt                   | 4/29/2011       | NA                |
| DI-54-01    | H9                              | 0' - 1'           | Cadmium | 389.95                 | 385.14               | 388.95                                      | Above                          | Fine sand, trace silt & organics                | 8/25/2011       | 0.18 J [0.15 J]   |
|             |                                 | 1' - 2'           | Cadmium |                        | 385.14               | 387.95                                      | Above                          | Fine sand, trace silt & organics                | 8/25/2011       | 0.11 J            |
|             |                                 | 2' - 3'           | Cadmium |                        | 385.14               | 386.95                                      | Above                          | Fine sand, trace silt & organics                | 8/25/2011       | 0.094 J           |
|             |                                 | 3' - 4'           | Cadmium |                        | 385.14               | 385.95                                      | Above                          | Fine sand, trace silt & organics                | 8/25/2011       | 0.096 J           |
| DI-60-01    | G6                              | 0' - 1'           | Cadmium | 383.00                 | 380.02               | 382.00                                      | Above                          | Clayey silt, silt, roots                        | 5/2/2011        | <0.24 U           |
|             |                                 | 1' - 2'           | Cadmium |                        | 380.02               | 381.00                                      | Above                          | Clayey silt, sandy silt                         | 5/2/2011        | <0.24 U [<0.25 U] |
|             |                                 | 2' - 3'           | Cadmium |                        | 380.02               | 380.00                                      | At                             | Sandy silt, fine to coarse gravel               | 5/2/2011        | <0.30 U           |
|             |                                 | 3' - 4'           | Cadmium |                        | 380.02               | 379.00                                      | Below                          | Sandy silt, clay, silt, fine to coarse gravel   | 5/2/2011        | <0.30 U           |
| DI-61-01    | H7                              | 0' - 1'           | Cadmium | 382.96                 | 379.18               | 381.96                                      | Above                          | Silty clay, clayey silt, roots                  | 5/2/2011        | 1.1               |
|             |                                 | 1' - 2'           | Cadmium |                        | 379.18               | 380.96                                      | Above                          | Clayey silt, sandy silt, gravel, roots          | 5/2/2011        | 0.20 J            |
|             |                                 | 2' - 3'           | Cadmium |                        | 379.18               | 379.96                                      | Above                          | Sandy silt, clayey silt, silty clay, gravel     | 5/2/2011        | 0.099 J           |
|             |                                 | 3' - 4'           | Cadmium |                        | 379.18               | 378.96                                      | At                             | Sandy silt, clayey silt, silty clay, gravel     | 5/2/2011        | <0.24 U           |
| DI-SB-01-05 | D10                             | 0' - 1'           | Cadmium | 382.16                 | 372.41               | 381.16                                      | Above                          | Silty sand, organics, trace gravel              | 5/2/2011        | 4.0               |
|             |                                 | 1' - 2'           | Cadmium |                        | 372.41               | 380.16                                      | Above                          | Silt, little clay, little fine sand             | 5/2/2011        | 0.24              |
|             |                                 | 2' - 3'           | Cadmium |                        | 372.41               | 379.16                                      | Above                          | Silt  | 5/2/2011        | 0.23              |
|             |                                 | 3' - 4'           | Cadmium |                        | 372.41               | 378.16                                      | Above                          | Sandy silt, fine sand with trace clay at 3'-10" | 5/2/2011        | <0.26 U           |
|             |                                 | 4' - 5'           | Cadmium |                        | 372.41               | 377.16                                      | Above                          | Silt with some fine sand, little clay           | 5/2/2011        | 0.20 J            |
|             |                                 | 5' - 6'           | Cadmium |                        | 372.41               | 376.16                                      | Above                          | Silty sand                                      | 5/2/2011        | 0.26              |
|             |                                 | 6' - 7'           | Cadmium |                        | 372.41               | 375.16                                      | Above                          | Silty sand                                      | 5/2/2011        | 0.14 J            |
|             |                                 | 7' - 8'           | Cadmium |                        | 372.41               | 374.16                                      | Above                          | Silty sand                                      | 5/2/2011        | 0.16 J            |
|             |                                 | 8' - 9'           | Cadmium |                        | 372.41               | 373.16                                      | Above                          | Silt with little clay, organic silt at 8'-8"    | 5/2/2011        | 0.19 J            |
|             |                                 | 9' - 10'          | Cadmium |                        | 372.41               | 372.16                                      | At                             | Organic silt                                    | 5/2/2011        | 0.45              |
| DI-SB-03-05 | D14                             | 0' - 1'           | Cadmium | 380.60                 | 370.90               | 379.60                                      | Above                          | Silty sand, organics                            | 5/2/2011        | 0.091 J           |
|             |                                 | 1' - 2'           | Cadmium |                        | 370.90               | 378.60                                      | Above                          | Silty sand                                      | 5/2/2011        | <0.25             |
|             |                                 | 2' - 3'           | Cadmium |                        | 370.90               | 377.60                                      | Above                          | Silty sand                                      | 5/2/2011        | 0.058 J           |
|             |                                 | 3' - 4'           | Cadmium |                        | 370.90               | 376.60                                      | Above                          | Silty sand                                      | 5/2/2011        | 0.069 J           |
|             |                                 | 4' - 5'           | Cadmium |                        | 370.90               | 375.60                                      | Above                          | Grades to Clayey silt, little fine sand         | 5/2/2011        | 0.077 J [0.12 J]  |
|             |                                 | 5' - 6'           | Cadmium |                        | 370.90               | 374.60                                      | Above                          | Clayey silt                                     | 5/2/2011        | 0.065 J           |
|             |                                 | 6' - 7'           | Cadmium |                        | 370.90               | 373.60                                      | Above                          | Clayey silt                                     | 5/2/2011        | 0.12 J            |
|             |                                 | 7' - 8'           | Cadmium |                        | 370.90               | 372.60                                      | Above                          | Clayey silt, organics                           | 5/2/2011        | 0.13 J            |
|             |                                 | 8' - 9'           | Cadmium |                        | 370.90               | 371.60                                      | Above                          | Silty clay                                      | 5/2/2011        | 0.25              |
|             |                                 | 9' - 10'          | Cadmium |                        | 370.90               | 370.60                                      | At                             | Silty clay                                      | 5/2/2011        | <0.26             |
| OCDDS-4     | D11                             | 0" - 6"           | Cadmium | ---                    | ---                  | ---   | ---                            | ---   | 10/1996         | 3.8               |
|             |                                 | 0" - 6"           | PCBs    |                        | ---                  | ---   | ---                            | ---   | 10/1996         | 0.042             |
| OCDDS-5     | C15                             | 0" - 6"           | Cadmium | ---                    | ---                  | ---   | ---                            | ---   | 10/1996         | 26.4              |
|             |                                 | 0" - 6"           | PCBs    |                        | ---                  | ---   | ---                            | ---   | 10/1996         | 0.193             |
| OCDDS-6     | D14                             | 0" - 6"           | Cadmium | ---                    | ---                  | ---   | ---                            | ---   | 10/1996         | 0.14              |
|             |                                 | 0" - 6"           | PCBs    |                        | ---                  | ---   | ---                            | ---   | 10/1996         | <0.025            |
| OCDDS-7     | E9                              | 0" - 6"           | Cadmium | ---                    | ---                  | ---   | ---                            | ---   | 10/1996         | 80.5              |
|             |                                 | 0" - 6"           | PCBs    |                        | ---                  | ---   | ---                            | ---   | 10/1996         | 0.801             |
| OCDDS-10    | E7                              | 0" - 6"           | Cadmium | ---                    | ---                  | ---   | ---                            | ---   | 10/1996         | 0.4               |
|             |                                 | 0" - 6"           | PCBs    |                        | ---                  | ---   | ---                            | ---   | 10/1996         | <0.025            |
| Pre-SS-P1   | F7                              | ---               | Cadmium | ---                    | ---                  | ---   | ---                            | ---   | 4/17/1997       | 1.3               |
|             |                                 | ---               | PCBs    |                        | ---                  | ---   | ---                            | ---   | 4/17/1997       | <0.026            |
| Post-SS-P1  | F7                              | ---               | Cadmium | ---                    | ---                  | ---   | ---                            | ---   | 5/15/1997       | 0.14              |
|             |                                 | ---               | PCBs    |                        | ---                  | ---   | ---                            | ---   | 5/15/1997       | <0.026            |

**Table 1A**  
**Summary of Soil Classification and Analytical Data<sup>1</sup>**  
**West Branch of Bloody Brook**  
**Bloody Brook Voluntary Cleanup Program**  
**Onondaga County, New York**

| Boring ID   | Figure Coordinates <sup>2</sup> | Sampling Interval | Analyte | Surface Elevation (ft) | Brook Elevation (ft) | Sample Elevation at Bottom of Interval (ft) | Sample Relation to Brook Level | General Soil Classification <sup>3</sup> | Collection Date | Result (mg/kg)  |
|-------------|---------------------------------|-------------------|---------|------------------------|----------------------|---|--------------------------------|--|-----------------|-----------------|
| SA-SB-01-01 | D10                             | 0" - 2"           | Cadmium | 377.74                 | 372.41               | 377.57                                      | Above                          | Sand                                     | 10/20/2003      | 6.3             |
|             |                                 | 0' - 1'           | Cadmium |                        | 372.41               | 376.74                                      | Above                          | Sand/Wood                                | 10/20/2003      | 15.8            |
|             |                                 | 1' - 2'           | Cadmium |                        | 372.41               | 375.74                                      | Above                          | Clayey Sand                              | 10/20/2003      | 3.4             |
|             |                                 | 2' - 3'           | Cadmium |                        | 372.41               | 374.74                                      | Above                          | Clayey Sand                              | 10/20/2003      | <0.59           |
|             |                                 | 3' - 4'           | Cadmium |                        | 372.41               | 373.74                                      | Above                          | Clayey Sand                              | 10/20/2003      | <0.58           |
|             |                                 | 4' - 5'           | Cadmium |                        | 372.41               | 372.74                                      | At                             | Organic Silt/Sand                        | 10/20/2003      | 442             |
|             |                                 | 5' - 6'           | Cadmium |                        | 372.41               | 371.74                                      | Below                          | Organic Silt/Sand to Clayey Sand         | 10/20/2003      | 0.86            |
|             |                                 | 6' - 7'           | Cadmium |                        | 372.41               | 370.74                                      | Below                          | Clayey Sand                              | 10/20/2003      | 4.3             |
|             |                                 | 0" - 2"           | Cadmium | 378.76                 | 372.41               | 378.59                                      | Above                          | Sand                                     | 10/20/2003      | 5.09            |
| SA-SB-01-02 | D10                             | 0' - 1'           | Cadmium |                        | 372.41               | 377.76                                      | Above                          | Sand                                     | 10/20/2003      | 1.87            |
|             |                                 | 1' - 2'           | Cadmium |                        | 372.41               | 376.76                                      | Above                          | Sand                                     | 10/20/2003      | <0.593          |
|             |                                 | 2' - 3'           | Cadmium |                        | 372.41               | 375.76                                      | Above                          | Sand                                     | 10/20/2003      | <0.581          |
|             |                                 | 3' - 4'           | Cadmium |                        | 372.41               | 374.76                                      | Above                          | Sand                                     | 10/20/2003      | <0.574          |
|             |                                 | 4' - 5'           | Cadmium |                        | 372.41               | 373.76                                      | Above                          | Sand                                     | 10/20/2003      | <0.583          |
|             |                                 | 5' - 6'           | Cadmium |                        | 372.41               | 372.76                                      | At                             | Sand to Organic Silt/Sand                | 10/20/2003      | 431             |
|             |                                 | 6' - 7'           | Cadmium |                        | 372.41               | 371.76                                      | Below                          | Organic Silt/Sand                        | 10/20/2003      | 46.1            |
|             |                                 | 7' - 8'           | Cadmium |                        | 372.41               | 370.76                                      | Below                          | Clayey Sand                              | 10/20/2003      | <0.670          |
| SA-SB-01-03 | D10                             | 0" - 2"           | Cadmium | 379.72                 | 372.41               | 379.55                                      | Above                          | Topsoil                                  | 10/20/2003      | 3.36            |
|             |                                 | 0' - 1'           | Cadmium |                        | 372.41               | 378.72                                      | Above                          | Topsoil                                  | 10/20/2003      | 2.64            |
|             |                                 | 1' - 2'           | Cadmium |                        | 372.41               | 377.72                                      | Above                          | Silty Sand                               | 10/20/2003      | 6.48 [3.86]     |
|             |                                 | 2' - 3'           | Cadmium |                        | 372.41               | 376.72                                      | Above                          | Silty Sand                               | 10/20/2003      | <0.611          |
|             |                                 | 3' - 4'           | Cadmium |                        | 372.41               | 375.72                                      | Above                          | Silty Sand                               | 10/20/2003      | <0.58           |
|             |                                 | 4' - 5'           | Cadmium |                        | 372.41               | 374.72                                      | Above                          | Silty Sand                               | 10/20/2003      | <0.592          |
|             |                                 | 5' - 6'           | Cadmium |                        | 372.41               | 373.72                                      | Above                          | Silty Sand                               | 10/20/2003      | <0.60           |
|             |                                 | 6' - 7'           | Cadmium |                        | 372.41               | 372.72                                      | At                             | Organic Silt/Sand                        | 10/20/2003      | 401             |
|             |                                 | 7' - 8'           | Cadmium |                        | 372.41               | 371.72                                      | Below                          | Organic Silt/Sand to Silty Clay          | 10/20/2003      | 52.1            |
|             |                                 | 8' - 9'           | Cadmium |                        | 372.41               | 370.72                                      | Below                          | Silty Clay                               | 10/20/2003      | <0.668          |
| SA-SB-01-04 | D10                             | 0" - 2"           | Cadmium | 381.29                 | 372.41               | 381.12                                      | Above                          | Sand                                     | 10/20/2003      | 2.36            |
|             |                                 | 0' - 1'           | Cadmium |                        | 372.41               | 380.29                                      | Above                          | Sand                                     | 10/20/2003      | 1.36            |
|             |                                 | 1' - 2'           | Cadmium |                        | 372.41               | 379.29                                      | Above                          | Silty Sand                               | 10/20/2003      | <0.597          |
|             |                                 | 2' - 3'           | Cadmium |                        | 372.41               | 378.29                                      | Above                          | Silty Sand to Silty Clay                 | 10/20/2003      | <0.623          |
|             |                                 | 3' - 4'           | Cadmium |                        | 372.41               | 377.29                                      | Above                          | Silty Clay                               | 10/20/2003      | <0.590 [<0.593] |
|             |                                 | 4' - 5'           | Cadmium |                        | 372.41               | 376.29                                      | Above                          | Silty Sand                               | 10/20/2003      | <0.589          |
|             |                                 | 5' - 6'           | Cadmium |                        | 372.41               | 375.29                                      | Above                          | Silty Sand                               | 10/20/2003      | <0.597          |
|             |                                 | 6' - 7'           | Cadmium |                        | 372.41               | 374.29                                      | Above                          | Silty Sand                               | 10/20/2003      | <0.608          |
|             |                                 | 7' - 8'           | Cadmium |                        | 372.41               | 373.29                                      | Above                          | Silty Sand                               | 10/20/2003      | <0.608          |
|             |                                 | 8' - 9'           | Cadmium |                        | 372.41               | 372.29                                      | At                             | Silty Sand to Organic Silt/Sand          | 10/20/2003      | 79.1            |
|             |                                 | 9' - 10'          | Cadmium |                        | 372.41               | 371.29                                      | Below                          | Organic Silt/Sand to Clay                | 10/20/2003      | 0.85            |
| SA-SB-02-01 | E11                             | 0" - 2"           | Cadmium | 378.60                 | 371.90               | 378.43                                      | Above                          | Topsoil                                  | 10/24/2003      | 4.4             |
|             |                                 | 0' - 1'           | Cadmium |                        | 371.90               | 377.60                                      | Above                          | Silty Sand                               | 10/24/2003      | 1.4             |
|             |                                 | 1' - 2'           | Cadmium |                        | 371.90               | 376.60                                      | Above                          | Silty Sand                               | 10/24/2003      | <0.55 [1.4]     |
|             |                                 | 2' - 3'           | Cadmium |                        | 371.90               | 375.60                                      | Above                          | Silty Sand                               | 10/24/2003      | <0.55           |
|             |                                 | 3' - 4'           | Cadmium |                        | 371.90               | 374.60                                      | Above                          | Silty Sand                               | 10/24/2003      | <0.54           |
|             |                                 | 4' - 5'           | Cadmium |                        | 371.90               | 373.60                                      | Above                          | Silty Sand                               | 10/24/2003      | 1.6             |
|             |                                 | 5' - 6'           | Cadmium |                        | 371.90               | 372.60                                      | Above                          | Organic Silt/Sand                        | 10/24/2003      | 322             |
|             |                                 | 6' - 7'           | Cadmium |                        | 371.90               | 371.60                                      | At                             | Organic Silt/Sand                        | 10/24/2003      | <0.7            |
|             |                                 | 7' - 8'           | Cadmium |                        | 371.90               | 370.60                                      | Below                          | Sandy Clay                               | 10/24/2003      | <0.59           |
|             |                                 | 8' - 9'           | Cadmium |                        | 371.90               | 369.60                                      | Below                          | Sand to Silty Clay                       | 10/24/2003      | <0.61           |
|             |                                 | 9' - 10'          | Cadmium |                        | 371.90               | 368.60                                      | Below                          | Silty Clay to Organic Silt/Sand          | 10/24/2003      | <0.65           |
|             |                                 | 10' - 11'         | Cadmium |                        | 371.90               | 367.60                                      | Below                          | Organic Silt/Sand/ Gravel                | 10/24/2003      | <0.68           |
|             |                                 | 11' - 12'         | Cadmium |                        | 371.90               | 366.60                                      | Below                          | Silty Clay                               | 10/24/2003      | <0.57           |
| SA-SB-02-02 | E11                             | 0" - 2"           | Cadmium | 380.20                 | 371.90               | 380.03                                      | Above                          | Topsoil                                  | 10/21/2003      | 1.02            |
|             |                                 | 0' - 1'           | Cadmium |                        | 371.90               | 379.20                                      | Above                          | Silty Sand                               | 10/21/2003      | 0.761           |
|             |                                 | 1' - 2'           | Cadmium |                        | 371.90               | 378.20                                      | Above                          | Silty Sand                               | 10/21/2003      | <0.552          |
|             |                                 | 2' - 3'           | Cadmium |                        | 371.90               | 377.20                                      | Above                          | Silty Sand                               | 10/21/2003      | <0.577          |
|             |                                 | 3' - 4'           | Cadmium |                        | 371.90               | 376.20                                      | Above                          | Silty Sand                               | 10/21/2003      | <0.559          |
|             |                                 | 4' - 5'           | Cadmium |                        | 371.90               | 375.20                                      | Above                          | Silty Sand                               | 10/21/2003      | <0.577          |
|             |                                 | 5' - 6'           | Cadmium |                        | 371.90               | 374.20                                      | Above                          | Silty Sand                               | 10/21/2003      | <0.611          |
|             |                                 | 6' - 7'           | Cadmium |                        | 371.90               | 373.20                                      | Above                          | Silty Sand to Organic Silt/Sand          | 10/21/2003      | 282             |
|             |                                 | 7' - 8'           | Cadmium |                        | 371.90               | 372.20                                      | At                             | Organic Silt/Sand                        | 10/21/2003      | 144             |
|             |                                 | 8' - 9'           | Cadmium |                        | 371.90               | 371.20                                      | Below                          | Organic Silt/Sand                        | 10/21/2003      | 121             |
|             |                                 | 9' - 10'          | Cadmium |                        | 371.90               | 370.20                                      | Below                          | Organic Silt/Sand to Silty Clay          | 10/21/2003      | 6.6             |
|             |                                 | 10' - 11'         | Cadmium |                        | 371.90               | 369.20                                      | Below                          | Silty Clay                               | 10/21/2003      | <0.62           |
|             |                                 | 11' - 12'         | Cadmium |                        | 371.90               | 368.20                                      | Below                          | Silty Clay                               | 10/21/2003      | <0.632          |

**Table 1A**  
**Summary of Soil Classification and Analytical Data<sup>1</sup>**  
**West Branch of Bloody Brook**  
**Bloody Brook Voluntary Cleanup Program**  
**Onondaga County, New York**

| Boring ID   | Figure Coordinates <sup>2</sup> | Sampling Interval | Analyte | Surface Elevation (ft) | Brook Elevation (ft) | Sample Elevation at Bottom of Interval (ft) | Sample Relation to Brook Level | General Soil Classification <sup>3</sup> | Collection Date | Result (mg/kg)  |
|-------------|---------------------------------|-------------------|---------|------------------------|----------------------|---|--------------------------------|--|-----------------|-----------------|
| SA-SB-02-03 | E11                             | 0" - 2"           | Cadmium | 381.79                 | 371.90               | 381.62                                      | Above                          | Topsoil                                  | 10/21/2003      | <0.652          |
|             |                                 | 0' - 1'           | Cadmium |                        | 371.90               | 380.79                                      | Above                          | Silty Sand                               | 10/21/2003      | <0.621          |
|             |                                 | 1' - 2'           | Cadmium |                        | 371.90               | 379.79                                      | Above                          | Silty Sand                               | 10/21/2003      | <0.568          |
|             |                                 | 2' - 3'           | Cadmium |                        | 371.90               | 378.79                                      | Above                          | Silty Sand                               | 10/21/2003      | <0.571          |
|             |                                 | 3' - 4'           | Cadmium |                        | 371.90               | 377.79                                      | Above                          | Silty Sand                               | 10/21/2003      | <0.578          |
|             |                                 | 4' - 5'           | Cadmium |                        | 371.90               | 376.79                                      | Above                          | Silty Sand                               | 10/21/2003      | <0.568          |
|             |                                 | 5' - 6'           | Cadmium |                        | 371.90               | 375.79                                      | Above                          | Silty Sand                               | 10/21/2003      | <0.590          |
|             |                                 | 6' - 7'           | Cadmium |                        | 371.90               | 374.79                                      | Above                          | Silty Sand                               | 10/21/2003      | <0.585          |
|             |                                 | 7' - 8'           | Cadmium |                        | 371.90               | 373.79                                      | Above                          | Organic Silt/Sand                        | 10/21/2003      | 0.682           |
|             |                                 | 8' - 9'           | Cadmium |                        | 371.90               | 372.79                                      | Above                          | Silty Sand                               | 10/21/2003      | 39.2            |
|             |                                 | 9' - 10'          | Cadmium |                        | 371.90               | 371.79                                      | At                             | Organic Silt/Sand                        | 10/21/2003      | <0.678          |
|             |                                 | 10' - 11'         | Cadmium |                        | 371.90               | 370.79                                      | Below                          | Organic Silt/Sand to Clayey Silt         | 10/21/2003      | 13.6            |
|             |                                 | 11' - 12'         | Cadmium |                        | 371.90               | 369.79                                      | Below                          | Clayey Silt to Silty Clay                | 10/21/2003      | <0.668          |
|             |                                 | 12' - 13'         | Cadmium |                        | 371.90               | 368.79                                      | Below                          | Silty Clay                               | 10/21/2003      | <0.613          |
| SA-SB-02-04 | E11                             | 0" - 2"           | Cadmium | 385.39                 | 371.90               | 385.22                                      | Above                          | Topsoil                                  | 10/21/2003      | <0.698          |
|             |                                 | 0' - 1'           | Cadmium |                        | 371.90               | 384.39                                      | Above                          | Silty Sand                               | 10/21/2003      | <0.659          |
|             |                                 | 1' - 2'           | Cadmium |                        | 371.90               | 383.39                                      | Above                          | Silty Sand                               | 10/21/2003      | <0.602          |
|             |                                 | 2' - 3'           | Cadmium |                        | 371.90               | 382.39                                      | Above                          | Silty Sand to Sand                       | 10/21/2003      | <0.588          |
|             |                                 | 3' - 4'           | Cadmium |                        | 371.90               | 381.39                                      | Above                          | Sand                                     | 10/21/2003      | <0.550          |
|             |                                 | 4' - 5'           | Cadmium |                        | 371.90               | 380.39                                      | Above                          | Sand                                     | 10/21/2003      | <0.590          |
|             |                                 | 5' - 6'           | Cadmium |                        | 371.90               | 379.39                                      | Above                          | Sand                                     | 10/21/2003      | <0.564          |
|             |                                 | 6' - 7'           | Cadmium |                        | 371.90               | 378.39                                      | Above                          | Sand                                     | 10/21/2003      | <0.566          |
|             |                                 | 7' - 8'           | Cadmium |                        | 371.90               | 377.39                                      | Above                          | Sand                                     | 10/21/2003      | <0.578          |
|             |                                 | 8' - 9'           | Cadmium |                        | 371.90               | 376.39                                      | Above                          | Sand                                     | 10/21/2003      | <0.584          |
|             |                                 | 9' - 10'          | Cadmium |                        | 371.90               | 375.39                                      | Above                          | Organic Silt/Sand                        | 10/21/2003      | <0.610          |
|             |                                 | 10' - 11'         | Cadmium |                        | 371.90               | 374.39                                      | Above                          | Silt/Sand                                | 10/21/2003      | <0.621          |
|             |                                 | 11' - 12'         | Cadmium |                        | 371.90               | 373.39                                      | Above                          | Silt/Sand                                | 10/21/2003      | <0.629 [<0.620] |
|             |                                 | 12' - 13'         | Cadmium |                        | 371.90               | 372.39                                      | At                             | Silt/Sand                                | 10/21/2003      | <0.636          |
|             |                                 | 13' - 14'         | Cadmium |                        | 371.90               | 371.39                                      | Below                          | Silt/Sand to Organic Silt/Sand           | 10/21/2003      | 98.4            |
| SA-SB-03-01 | D14                             | 0" - 2"           | Cadmium | 375.50                 | 370.88               | 375.33                                      | Above                          | Topsoil                                  | 10/21/2003      | 23.8            |
|             |                                 | 0' - 1'           | Cadmium |                        | 370.88               | 374.50                                      | Above                          | Silty Sand                               | 10/21/2003      | 31.8            |
|             |                                 | 1' - 2'           | Cadmium |                        | 370.88               | 373.50                                      | Above                          | Silty Sand                               | 10/21/2003      | 28.2            |
|             |                                 | 2' - 3'           | Cadmium |                        | 370.88               | 372.50                                      | Above                          | Silty Sand                               | 10/21/2003      | 2.8             |
|             |                                 | 3' - 4'           | Cadmium |                        | 370.88               | 371.50                                      | Above                          | Silty Sand to Organic Silt/Sand          | 10/21/2003      | 153             |
|             |                                 | 4' - 5'           | Cadmium |                        | 370.88               | 370.50                                      | At                             | Organic Silt/Sand                        | 10/21/2003      | 372             |
|             |                                 | 5' - 6'           | Cadmium |                        | 370.88               | 369.50                                      | Below                          | Clayey Sand to Sand                      | 10/21/2003      | 1.8             |
| SA-SB-03-02 | D14                             | 0" - 2"           | Cadmium | 376.72                 | 370.89               | 376.55                                      | Above                          | Silty Sand                               | 10/21/2003      | 4.22            |
|             |                                 | 0' - 1'           | Cadmium |                        | 370.89               | 375.72                                      | Above                          | Silty Sand                               | 10/21/2003      | 4.15            |
|             |                                 | 1' - 2'           | Cadmium |                        | 370.89               | 374.72                                      | Above                          | Silty Sand                               | 10/21/2003      | <0.566          |
|             |                                 | 2' - 3'           | Cadmium |                        | 370.89               | 373.72                                      | Above                          | Silty Sand                               | 10/21/2003      | <0.605          |
|             |                                 | 3' - 4'           | Cadmium |                        | 370.89               | 371.72                                      | Above                          | Silty Sand                               | 10/21/2003      | <0.608          |
|             |                                 | 4' - 5'           | Cadmium |                        | 370.89               | 370.72                                      | At                             | Organic Silt/Sand                        | 10/21/2003      | 142             |
|             |                                 | 5' - 6'           | Cadmium |                        | 370.89               | 369.72                                      | Below                          | Organic Silt/Sand                        | 10/21/2003      | 36.6            |
|             |                                 | 6' - 7'           | Cadmium |                        | 370.89               | 368.72                                      | Below                          | Organic Silt/Sand                        | 10/21/2003      | 3.58            |
|             |                                 | 7' - 8'           | Cadmium |                        | 370.89               | 367.72                                      | Below                          | Organic Silt/Sand                        | 10/21/2003      | <0.726          |
| SA-SB-03-03 | D14                             | 0" - 2"           | Cadmium | 378.06                 | 370.90               | 377.89                                      | Above                          | Topsoil                                  | 10/21/2003      | <0.713          |
|             |                                 | 0' - 1'           | Cadmium |                        | 370.90               | 377.06                                      | Above                          | Silty Sand                               | 10/21/2003      | <0.638          |
|             |                                 | 1' - 2'           | Cadmium |                        | 370.90               | 376.06                                      | Above                          | Silty Sand                               | 10/21/2003      | <0.583 [<0.582] |
|             |                                 | 2' - 3'           | Cadmium |                        | 370.90               | 375.06                                      | Above                          | Silty Sand                               | 10/21/2003      | <0.604          |
|             |                                 | 3' - 4'           | Cadmium |                        | 370.90               | 374.06                                      | Above                          | Silty Sand                               | 10/21/2003      | <0.633          |
|             |                                 | 4' - 5'           | Cadmium |                        | 370.90               | 373.06                                      | Above                          | Silty Sand                               | 10/21/2003      | <0.661          |
|             |                                 | 5' - 6'           | Cadmium |                        | 370.90               | 372.06                                      | Above                          | Silty Sand to Organic Silt/Sand          | 10/21/2003      | 34.8            |
|             |                                 | 6' - 7'           | Cadmium |                        | 370.90               | 371.06                                      | At                             | Organic Silt/Sand                        | 10/21/2003      | 14.1            |
|             |                                 | 7' - 8'           | Cadmium |                        | 370.90               | 370.06                                      | Below                          | Organic Silt/Sand to Organic Silty Clay  | 10/21/2003      | <0.707          |
|             |                                 | 8' - 9'           | Cadmium |                        | 370.90               | 369.06                                      | Below                          | Organic Silty Clay                       | 10/21/2003      | <0.677          |

**Table 1A**  
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**West Branch of Bloody Brook**  
**Bloody Brook Voluntary Cleanup Program**  
**Onondaga County, New York**

| Boring ID   | Figure Coordinates <sup>2</sup> | Sampling Interval | Analyte | Surface Elevation (ft) | Brook Elevation (ft) | Sample Elevation at Bottom of Interval (ft) | Sample Relation to Brook Level | General Soil Classification <sup>3</sup> | Collection Date | Result (mg/kg)  |
|-------------|---------------------------------|-------------------|---------|------------------------|----------------------|---|--------------------------------|--|-----------------|-----------------|
| SA-SB-03-04 | D14                             | 0" - 2"           | Cadmium | 379.39                 | 370.90               | 379.22                                      | Above                          | Topsoil                                  | 10/21/2003      | <0.717          |
|             |                                 | 0' - 1'           | Cadmium |                        | 370.90               | 378.39                                      | Above                          | Silty Sand                               | 10/21/2003      | <0.629          |
|             |                                 | 1' - 2'           | Cadmium |                        | 370.90               | 377.39                                      | Above                          | Silty Sand                               | 10/21/2003      | <0.600          |
|             |                                 | 2' - 3'           | Cadmium |                        | 370.90               | 376.39                                      | Above                          | Silty Sand                               | 10/21/2003      | <0.590 [<0.590] |
|             |                                 | 3' - 4'           | Cadmium |                        | 370.90               | 375.39                                      | Above                          | Silty Sand                               | 10/21/2003      | <0.578          |
|             |                                 | 4' - 5'           | Cadmium |                        | 370.90               | 374.39                                      | Above                          | Silty Sand                               | 10/21/2003      | <0.605          |
|             |                                 | 5' - 6'           | Cadmium |                        | 370.90               | 373.39                                      | Above                          | Silty Sand                               | 10/21/2003      | <0.610          |
|             |                                 | 6' - 7'           | Cadmium |                        | 370.90               | 372.39                                      | Above                          | Silty Sand                               | 10/21/2003      | <0.622          |
|             |                                 | 7' - 8'           | Cadmium |                        | 370.90               | 371.39                                      | At                             | Silty Sand to Organic Sandy Silt         | 10/21/2003      | 19.0            |
|             |                                 | 8' - 9'           | Cadmium |                        | 370.90               | 370.39                                      | Below                          | Organic Sandy Silt to Silty Clay         | 10/21/2003      | <0.749          |
|             |                                 | 9' - 10'          | Cadmium |                        | 370.90               | 369.39                                      | Below                          | Silty Sand                               | 10/21/2003      | 1.61            |
| SA-SB-04-01 | C15                             | 0" - 2"           | Cadmium | 379.69                 | 370.68               | 379.52                                      | Above                          | Topsoil                                  | 10/20/2003      | <0.654          |
|             |                                 | 0' - 1'           | Cadmium |                        | 370.68               | 378.69                                      | Above                          | Silty Sand                               | 10/20/2003      | <0.613          |
|             |                                 | 1' - 2'           | Cadmium |                        | 370.68               | 377.69                                      | Above                          | Silty Sand                               | 10/20/2003      | <0.589          |
|             |                                 | 2' - 3'           | Cadmium |                        | 370.68               | 376.69                                      | Above                          | Silty Sand                               | 10/20/2003      | <0.566          |
|             |                                 | 3' - 4'           | Cadmium |                        | 370.68               | 375.69                                      | Above                          | Silty Sand                               | 10/20/2003      | <0.572          |
|             |                                 | 4' - 5'           | Cadmium |                        | 370.68               | 374.69                                      | Above                          | Clay/Silt                                | 10/20/2003      | <0.573          |
|             |                                 | 5' - 6'           | Cadmium |                        | 370.68               | 373.69                                      | Above                          | Clay/Silt                                | 10/20/2003      | <0.610          |
|             |                                 | 6' - 7'           | Cadmium |                        | 370.68               | 372.69                                      | Above                          | Clay/Silt                                | 10/20/2003      | <0.583          |
|             |                                 | 7' - 8'           | Cadmium |                        | 370.68               | 371.69                                      | Above                          | Clay/Silt                                | 10/20/2003      | <0.629          |
|             |                                 | 8' - 9'           | Cadmium |                        | 370.68               | 370.69                                      | At                             | Clay/Silt                                | 10/20/2003      | 7.84            |
|             |                                 | 9' - 10'          | Cadmium |                        | 370.68               | 369.69                                      | Below                          | Organic Silt/Sand                        | 10/20/2003      | <0.671          |
|             |                                 | 10' - 11'         | Cadmium |                        | 370.68               | 368.69                                      | Below                          | Clay                                     | 10/20/2003      | 3.73            |
| SA-SB-04-02 | C15                             | 0" - 2"           | Cadmium | 377.96                 | 370.69               | 377.79                                      | Above                          | Topsoil                                  | 10/20/2003      | <0.677          |
|             |                                 | 0' - 1'           | Cadmium |                        | 370.69               | 376.96                                      | Above                          | Silty Sand                               | 10/20/2003      | <0.597          |
|             |                                 | 1' - 2'           | Cadmium |                        | 370.69               | 375.96                                      | Above                          | Silty Sand                               | 10/20/2003      | <0.602          |
|             |                                 | 2' - 3'           | Cadmium |                        | 370.69               | 374.96                                      | Above                          | Silty Sand                               | 10/20/2003      | <0.586          |
|             |                                 | 3' - 4'           | Cadmium |                        | 370.69               | 373.96                                      | Above                          | Silty Sand                               | 10/20/2003      | <0.602          |
|             |                                 | 4' - 5'           | Cadmium |                        | 370.69               | 372.96                                      | Above                          | Silty Sand to Sand                       | 10/20/2003      | <0.573          |
|             |                                 | 5' - 6'           | Cadmium |                        | 370.69               | 371.96                                      | Above                          | Sand to Silty Sand                       | 10/20/2003      | <0.613 [<0.595] |
|             |                                 | 6' - 7'           | Cadmium |                        | 370.69               | 370.96                                      | At                             | Silty Clay to Organic Clayey Silt        | 10/20/2003      | 139             |
|             |                                 | 7' - 8'           | Cadmium |                        | 370.69               | 369.96                                      | Below                          | Organic Silt/Sand                        | 10/20/2003      | 1.73            |
|             |                                 | 8' - 9'           | Cadmium |                        | 370.69               | 368.96                                      | Below                          | Organic Silt/Sand                        | 10/20/2003      | 11.9            |
| SA-SB-04-03 | C15                             | 0" - 2"           | Cadmium | 377.06                 | 370.70               | 376.89                                      | Above                          | Topsoil                                  | 10/20/2003      | 2.7             |
|             |                                 | 0' - 1'           | Cadmium |                        | 370.70               | 376.06                                      | Above                          | Silty Sand                               | 10/20/2003      | 2.17            |
|             |                                 | 1' - 2'           | Cadmium |                        | 370.70               | 375.06                                      | Above                          | Silty Sand                               | 10/20/2003      | <0.588          |
|             |                                 | 2' - 3'           | Cadmium |                        | 370.70               | 374.06                                      | Above                          | Silty Sand                               | 10/20/2003      | <0.561          |
|             |                                 | 3' - 4'           | Cadmium |                        | 370.70               | 373.06                                      | Above                          | Silty Sand                               | 10/20/2003      | <0.617          |
|             |                                 | 4' - 5'           | Cadmium |                        | 370.70               | 372.06                                      | Above                          | Silty Sand                               | 10/20/2003      | <0.603          |
|             |                                 | 5' - 6'           | Cadmium |                        | 370.70               | 371.06                                      | At                             | Silty Sand                               | 10/20/2003      | <0.635          |
|             |                                 | 6' - 7'           | Cadmium |                        | 370.70               | 370.06                                      | Below                          | Silty Sand to Organic Silt/Sand          | 10/20/2003      | 1,920           |
|             |                                 | 7' - 8'           | Cadmium |                        | 370.70               | 369.06                                      | Below                          | Organic Silt/Sand                        | 10/20/2003      | 199             |
| SA-SB-04-04 | C15                             | 0" - 2"           | Cadmium | 376.90                 | 370.71               | 376.73                                      | Above                          | Topsoil                                  | 10/20/2003      | 7.4             |
|             |                                 | 0' - 1'           | Cadmium |                        | 370.71               | 375.90                                      | Above                          | Silty Sand                               | 10/20/2003      | 5.3             |
|             |                                 | 1' - 2'           | Cadmium |                        | 370.71               | 374.90                                      | Above                          | Sandy Silt                               | 10/20/2003      | <0.62           |
|             |                                 | 2' - 3'           | Cadmium |                        | 370.71               | 373.90                                      | Above                          | Sandy Silt                               | 10/20/2003      | <0.56           |
|             |                                 | 3' - 4'           | Cadmium |                        | 370.71               | 372.90                                      | Above                          | Silty Sand                               | 10/20/2003      | <0.59           |
|             |                                 | 4' - 5'           | Cadmium |                        | 370.71               | 371.90                                      | Above                          | Silty Sand                               | 10/20/2003      | <0.58           |
|             |                                 | 5' - 6'           | Cadmium |                        | 370.71               | 370.90                                      | At                             | Silty Sand to Organic Silt/Sand          | 10/20/2003      | 84.7            |
|             |                                 | 6' - 7'           | Cadmium |                        | 370.71               | 369.90                                      | Below                          | Organic Silt/Sand                        | 10/20/2003      | 112             |
|             |                                 | 7' - 8'           | Cadmium |                        | 370.71               | 368.90                                      | Below                          | Silty Sand                               | 10/20/2003      | 456             |
| SB-19       | E9                              | 0" - 2"           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 06/2002         | 34.7            |
| SB-20       | E8                              | 0" - 2"           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 06/2002         | 10.9            |
| SB-21       | E10                             | 0" - 2"           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 06/2002         | 82.3            |
| SB-22       | E9                              | 0" - 2"           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 06/2002         | 12.2            |
|             |                                 | 0' - 1'           | Cadmium |                        | ---                  | ---   | ---                            | ---                                      | 06/2002         | 0.68            |
| SB-23       | D12                             | 0" - 2"           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 06/2002         | 27.1            |
| SB-24       | D11                             | 0" - 2"           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 06/2002         | 15.8            |
| SB-25       | D13                             | 0" - 2"           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 06/2002         | 3.76            |
| SB-26       | D13                             | 0" - 2"           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 06/2002         | 8.34            |
| SB-27       | D15                             | 0" - 2"           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 06/2002         | 11.9            |
| SB-28       | C14                             | 0" - 2"           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 06/2002         | 10.9            |

**Table 1A**  
**Summary of Soil Classification and Analytical Data<sup>1</sup>**  
**West Branch of Bloody Brook**  
**Bloody Brook Voluntary Cleanup Program**  
**Onondaga County, New York**

| Boring ID | Figure Coordinates <sup>2</sup> | Sampling Interval | Analyte | Surface Elevation (ft) | Brook Elevation (ft) | Sample Elevation at Bottom of Interval (ft) | Sample Relation to Brook Level | General Soil Classification <sup>3</sup> | Collection Date | Result (mg/kg) |
|-----------|---------------------------------|-------------------|---------|------------------------|----------------------|---|--------------------------------|--|-----------------|----------------|
| SB-51     | E4                              | 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     | G7                              | 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     | F8                              | 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     | G9                              | 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     | G9                              | 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     | E9                              | 0" - 2"           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 11/2002         | 64.6           |
| SB-57     | E10                             | 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     | E10                             | 0" - 2"           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 11/2002         | 197            |
| SB-59     | E10                             | 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     | C15                             | 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-201    | E8                              | 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    | E10                             | 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    | D12                             | 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    | D12                             | 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    | D13                             | 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    | C14                             | 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           |

**Table 1A**  
**Summary of Soil Classification and Analytical Data<sup>1</sup>**  
**West Branch of Bloody Brook**  
**Bloody Brook Voluntary Cleanup Program**  
**Onondaga County, New York**

| Boring ID | Figure Coordinates <sup>2</sup> | Sampling Interval | Analyte   | Surface Elevation (ft) | Brook Elevation (ft) | Sample Elevation at Bottom of Interval (ft) | Sample Relation to Brook Level | General Soil Classification <sup>3</sup>      | Collection Date | Result (mg/kg) |
|-----------|---------------------------------|-------------------|-----------|------------------------|----------------------|---|--------------------------------|---|-----------------|----------------|
| SB-207    | D15                             | 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-217    | C1                              | 0" - 2"           | Cadmium   | 389.18                 | 384.22               | 389.01                                      | Above                          | Organic Silt/Sand                             | 10/29/2003      | 1.5            |
|           |                                 | 0' - 1'           | Cadmium   |                        | 384.22               | 388.18                                      | Above                          | Organic Silt/Sand                             | 10/29/2003      | 6.0            |
|           |                                 | 1' - 2'           | Cadmium   |                        | 384.22               | 387.18                                      | Above                          | Organic Silt/Sand                             | 10/29/2003      | 2.1            |
|           |                                 | 2' - 3'           | Cadmium   |                        | 384.22               | 386.18                                      | Above                          | Sandy Silt                                    | 10/29/2003      | 0.68           |
|           |                                 | 3' - 4'           | Cadmium   |                        | 384.22               | 385.18                                      | Above                          | Clayey Silt                                   | 10/29/2003      | <0.65          |
|           |                                 | 4' - 5'           | Cadmium   |                        | 384.22               | 384.18                                      | At                             | Till  | 10/29/2003      | <0.53          |
| SB-218    | D1                              | 0" - 2"           | Cadmium   | 390.79                 | 384.20               | 390.62                                      | Above                          | Topsoil                                       | 10/29/2003      | 1.0            |
|           |                                 | 0' - 1'           | Cadmium   |                        | 384.20               | 389.79                                      | Above                          | Silty Sand                                    | 10/29/2003      | 0.76           |
|           |                                 | 1' - 2'           | Cadmium   |                        | 384.20               | 388.79                                      | Above                          | Silty Sand                                    | 10/29/2003      | <0.60          |
|           |                                 | 2' - 3'           | Cadmium   |                        | 384.20               | 387.79                                      | Above                          | Fill  | 10/29/2003      | <0.60          |
|           |                                 | 3' - 4'           | Cadmium   |                        | 384.20               | 386.79                                      | Above                          | Fill to Organic Silt Sand to Silt/Sand/Gravel | 10/29/2003      | <0.67          |
|           |                                 | 4' - 5'           | Cadmium   |                        | 384.20               | 385.79                                      | Above                          | Silt/Sand/ Gravel                             | 10/29/2003      | <0.63          |
|           |                                 | 5' - 6'           | Cadmium   |                        | 384.20               | 384.79                                      | Above                          | Silt/Sand/ Gravel/Peat                        | 10/29/2003      | <0.56          |
|           |                                 | 6' - 7'           | Cadmium   |                        | 384.20               | 383.79                                      | At                             | Till  | 10/29/2003      | <0.55          |
|           |                                 | 7' - 8'           | Lithology |                        | 384.20               | 382.79                                      | Below                          | Till  | 10/29/2003      | NA             |
| SB-219    | D4                              | 0" - 2"           | Cadmium   | 385.96                 | 383.55               | 385.79                                      | Above                          | Topsoil                                       | 10/30/2003      | 247            |
|           |                                 | 0' - 1'           | Cadmium   |                        | 383.55               | 384.96                                      | Above                          | Topsoil                                       | 10/30/2003      | 466 [29]       |
|           |                                 | 1' - 2'           | Cadmium   |                        | 383.55               | 383.96                                      | At                             | Organic Silt/Sand                             | 10/30/2003      | 40.5           |
|           |                                 | 2' - 3'           | Cadmium   |                        | 383.55               | 382.96                                      | Below                          | Organic Silt/Sand                             | 10/30/2003      | 270            |
|           |                                 | 3' - 4'           | Cadmium   |                        | 383.55               | 381.96                                      | Below                          | Organic Silt/Sand                             | 10/30/2003      | 2,200          |
|           |                                 | 4' - 5'           | Cadmium   |                        | 383.55               | 380.96                                      | Below                          | Silt/Sand/ Cobble                             | 10/30/2003      | 153            |
|           |                                 | 5' - 6'           | Cadmium   |                        | 383.55               | 379.96                                      | Below                          | Till  | 10/30/2003      | <0.54          |
|           |                                 | 6' - 7'           | Lithology |                        | 383.55               | 378.96                                      | Below                          | Till  | 10/30/2003      | NA             |
|           |                                 | 7' - 8'           | Lithology |                        | 383.55               | 377.96                                      | Below                          | Till  | 10/30/2003      | NA             |
| SB-220    | E4                              | 0" - 2"           | Cadmium   | 388.56                 | 383.76               | 388.39                                      | Above                          | Silty Sand                                    | 10/30/2003      | 1.5            |
|           |                                 | 0' - 1'           | Cadmium   |                        | 383.76               | 387.56                                      | Above                          | Silty Sand                                    | 10/30/2003      | <0.60          |
|           |                                 | 1' - 2'           | Cadmium   |                        | 383.76               | 386.56                                      | Above                          | Silty Sand                                    | 10/30/2003      | <0.57          |
|           |                                 | 2' - 3'           | Cadmium   |                        | 383.76               | 385.56                                      | Above                          | Silty Sand                                    | 10/30/2003      | <0.56          |
|           |                                 | 3' - 4'           | Cadmium   |                        | 383.76               | 384.56                                      | Above                          | Silty Sand                                    | 10/30/2003      | <0.58          |
|           |                                 | 4' - 5'           | Cadmium   |                        | 383.76               | 383.56                                      | At                             | Silt/Sand/ Gravel/Cobble                      | 10/30/2003      | <0.54          |
|           |                                 | 5' - 6'           | Cadmium   |                        | 383.76               | 382.56                                      | Below                          | Silt/Sand/ Gravel/Cobble                      | 10/30/2003      | <0.56          |
|           |                                 | 6' - 7'           | Cadmium   |                        | 383.76               | 381.56                                      | Below                          | Silt/Sand/ Gravel/Cobble                      | 10/30/2003      | <0.54          |
|           |                                 | 7' - 8'           | Cadmium   |                        | 383.76               | 380.56                                      | Below                          | Silt/Sand/ Gravel/Cobble                      | 10/30/2003      | <0.56          |
| SB-221    | E5                              | 0" - 2"           | Cadmium   | 384.32                 | 383.00               | 384.15                                      | Above                          | Topsoil                                       | 10/28/2003      | 65.1           |
|           |                                 | 0' - 1'           | Cadmium   |                        | 383.00               | 383.32                                      | At                             | Silty Sand                                    | 10/28/2003      | 59.1           |
|           |                                 | 1' - 2'           | Cadmium   |                        | 383.00               | 382.32                                      | Below                          | Silty Sand to Organic Silt/Sand               | 10/28/2003      | 1,430          |
|           |                                 | 2' - 3'           | Cadmium   |                        | 383.00               | 381.32                                      | Below                          | Organic Silt/Sand                             | 10/28/2003      | 2,090          |
|           |                                 | 3' - 4'           | Cadmium   |                        | 383.00               | 380.32                                      | Below                          | Sandy Silt to Till                            | 10/28/2003      | 13.3           |
|           |                                 | 4' - 5'           | Cadmium   |                        | 383.00               | 379.32                                      | Below                          | Till  | 10/28/2003      | <0.56          |
| SB-222    | E4                              | 0" - 2"           | Cadmium   | 383.87                 | 383.00               | 383.70                                      | Above                          | Topsoil                                       | 10/28/2003      | 508            |
|           |                                 | 0' - 1'           | Cadmium   |                        | 383.00               | 382.87                                      | At                             | Organic Silt/Sand                             | 10/28/2003      | 434            |
|           |                                 | 1' - 2'           | Cadmium   |                        | 383.00               | 381.87                                      | Below                          | Silty Sand                                    | 10/28/2003      | 36.4           |
|           |                                 | 2' - 3'           | Cadmium   |                        | 383.00               | 380.87                                      | Below                          | Silty Sand                                    | 10/28/2003      | 1.3            |
|           |                                 | 3' - 4'           | Cadmium   |                        | 383.00               | 379.87                                      | Below                          | Organic Silt/Sand                             | 10/28/2003      | 0.65           |
|           |                                 | 4' - 5'           | Cadmium   |                        | 383.00               | 378.87                                      | Below                          | Organic Silt/Sand                             | 10/28/2003      | 8.1            |
|           |                                 | 5' - 6'           | Cadmium   |                        | 383.00               | 377.87                                      | Below                          | Till  | 10/28/2003      | <0.53          |
|           |                                 | 6' - 7'           | Lithology |                        | 383.00               | 376.87                                      | Below                          | Till  | 10/28/2003      | NA             |
| SB-223    | F5                              | 0" - 2"           | Cadmium   | 380.90                 | 382.18               | 380.73                                      | Below                          | Organic Silt/Sand                             | 10/28/2003      | 937            |
|           |                                 | 0' - 1'           | Cadmium   |                        | 382.18               | 379.90                                      | Below                          | Organic Silt/Sand                             | 10/28/2003      | 1,960          |
|           |                                 | 1' - 2'           | Cadmium   |                        | 382.18               | 378.90                                      | Below                          | Organic Silt/Sand                             | 10/28/2003      | 389            |
|           |                                 | 2' - 3'           | Cadmium   |                        | 382.18               | 377.90                                      | Below                          | Organic Silt/Sand                             | 10/28/2003      | 7.5            |
|           |                                 | 3' - 4'           | Cadmium   |                        | 382.18               | 376.90                                      | Below                          | Organic Silt/Sand                             | 10/28/2003      | 2.5 [2.8]      |
|           |                                 | 4' - 5'           | Cadmium   |                        | 382.18               | 375.90                                      | Below                          | Till  | 10/28/2003      | 26.6           |
|           |                                 | 5' - 6'           | Cadmium   |                        | 382.18               | 374.90                                      | Below                          | Till  | 10/28/2003      | <0.55          |
|           |                                 | 6' - 7'           | Cadmium   |                        | 382.18               | 373.90                                      | Below                          | Till  | 10/28/2003      | <0.533         |
|           |                                 | 7' - 8'           | Cadmium   |                        | 382.18               | 372.90                                      | Below                          | Till  | 10/28/2003      | <0.545         |

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| Boring ID | Figure Coordinates <sup>2</sup> | Sampling Interval | Analyte   | Surface Elevation (ft) | Brook Elevation (ft) | Sample Elevation at Bottom of Interval (ft) | Sample Relation to Brook Level | General Soil Classification <sup>3</sup> | Collection Date | Result (mg/kg) |
|-----------|---------------------------------|-------------------|-----------|------------------------|----------------------|---|--------------------------------|--|-----------------|----------------|
| SB-224    | F5                              | 0" - 2"           | Cadmium   | 382.28                 | 382.18               | 382.11                                      | At                             | Silty Sand                               | 10/28/2003      | 9.6            |
|           |                                 | 0' - 1'           | Cadmium   |                        | 382.18               | 381.28                                      | Below                          | Silty Sand                               | 10/28/2003      | 3.1            |
|           |                                 | 1' - 2'           | Cadmium   |                        | 382.18               | 380.28                                      | Below                          | Silty Sand                               | 10/28/2003      | 897            |
|           |                                 | 2' - 3'           | Cadmium   |                        | 382.18               | 379.28                                      | Below                          | Organic Silt/Sand                        | 10/28/2003      | 1,630          |
|           |                                 | 3' - 4'           | Cadmium   |                        | 382.18               | 378.28                                      | Below                          | Organic Silt/Sand to Till                | 10/28/2003      | 212            |
|           |                                 | 4' - 5'           | Cadmium   |                        | 382.18               | 377.28                                      | Below                          | Till                                     | 10/28/2003      | 17.5           |
|           |                                 | 5' - 6'           | Cadmium   |                        | 382.18               | 376.28                                      | Below                          | Till                                     | 10/28/2003      | <0.54          |
|           |                                 | 6' - 7'           | Cadmium   |                        | 382.18               | 375.28                                      | Below                          | Till                                     | 10/28/2003      | <0.546         |
|           |                                 | 0" - 2"           | Cadmium   | 381.14                 | 379.18               | 380.97                                      | Above                          | Silty Sand                               | 10/28/2003      | 70.9           |
| SB-225    | G7                              | 0' - 1'           | Cadmium   |                        | 379.18               | 380.14                                      | Above                          | Silty Sand                               | 10/27/2003      | 28.5           |
|           |                                 | 1' - 2'           | Cadmium   |                        | 379.18               | 379.14                                      | At                             | Silty Sand                               | 10/27/2003      | 5.2            |
|           |                                 | 2' - 3'           | Cadmium   |                        | 379.18               | 378.14                                      | Below                          | Organic Silt/Sand                        | 10/27/2003      | 1,240          |
|           |                                 | 3' - 4'           | Cadmium   |                        | 379.18               | 377.14                                      | Below                          | Organic Silt/Sand                        | 10/27/2003      | 8.6            |
|           |                                 | 4' - 5'           | Cadmium   |                        | 379.18               | 376.14                                      | Below                          | Organic Silt/Sand                        | 10/27/2003      | 1,140          |
|           |                                 | 5' - 6'           | Cadmium   |                        | 379.18               | 375.14                                      | Below                          | Silty Sand/Gravel/Cobbles                | 10/27/2003      | <0.50          |
|           |                                 | 6' - 7'           | Cadmium   |                        | 379.18               | 374.14                                      | Below                          | Silty Sand/Gravel/Cobbles                | 10/27/2003      | <0.51          |
|           |                                 | 7' - 8'           | Cadmium   |                        | 379.18               | 373.14                                      | Below                          | Silty Sand/Gravel/Cobbles                | 10/27/2003      | <0.52          |
|           |                                 | 8' - 9'           | Lithology |                        | 379.18               | 372.14                                      | Below                          | Silty Sand/Gravel/Cobbles                | 10/27/2003      | NA             |
|           |                                 | 9' - 10'          | Lithology |                        | 379.18               | 371.14                                      | Below                          | Silty Sand/Gravel/Cobbles                | 10/27/2003      | NA             |
| SB-226    | G7                              | 0" - 2"           | Cadmium   | 380.59                 | 379.30               | 380.42                                      | Above                          | Silty Sand                               | 10/28/2003      | 151            |
|           |                                 | 0' - 1'           | Cadmium   |                        | 379.30               | 379.59                                      | At                             | Silty Sand                               | 10/27/2003      | 15.4           |
|           |                                 | 1' - 2'           | Cadmium   |                        | 379.30               | 378.59                                      | Below                          | Organic Silt/Sand                        | 10/27/2003      | 124            |
|           |                                 | 2' - 3'           | Cadmium   |                        | 379.30               | 377.59                                      | Below                          | Organic Silt/Sand                        | 10/27/2003      | 4.2 [3.9]      |
|           |                                 | 3' - 4'           | Cadmium   |                        | 379.30               | 376.59                                      | Below                          | Organic Silt/Sand                        | 10/27/2003      | 0.80           |
|           |                                 | 4' - 5'           | Cadmium   |                        | 379.30               | 375.59                                      | Below                          | Till                                     | 10/27/2003      | 4.3            |
|           |                                 | 5' - 6'           | Cadmium   |                        | 379.30               | 374.59                                      | Below                          | Till                                     | 10/27/2003      | <0.55          |
|           |                                 | 6' - 7'           | Cadmium   |                        | 379.30               | 373.59                                      | Below                          | Till                                     | 10/27/2003      | <0.53          |
|           |                                 | 7' - 8'           | Cadmium   |                        | 379.30               | 372.59                                      | Below                          | Till                                     | 10/27/2003      | <0.53          |
| SB-227    | D4                              | 0" - 2"           | Cadmium   | 386.29                 | 383.69               | 386.12                                      | Above                          | Topsoil                                  | 10/28/2003      | 41.7           |
|           |                                 | 0' - 1'           | Cadmium   |                        | 383.69               | 385.29                                      | Above                          | Silty Sand                               | 10/28/2003      | 63.8           |
|           |                                 | 1' - 2'           | Cadmium   |                        | 383.69               | 384.29                                      | Above                          | Silty Sand                               | 10/28/2003      | 235            |
|           |                                 | 2' - 3'           | Cadmium   |                        | 383.69               | 383.29                                      | At                             | Sandy Silt                               | 10/28/2003      | 86.4           |
|           |                                 | 3' - 4'           | Cadmium   |                        | 383.69               | 382.29                                      | Below                          | Organic Silt/Sand to Till                | 10/28/2003      | 13.7           |
| SB-228    | E6                              | 0" - 2"           | Cadmium   | 384.13                 | 383.00               | 383.96                                      | Above                          | Topsoil                                  | 10/28/2003      | 12.6           |
|           |                                 | 0' - 1'           | Cadmium   |                        | 383.00               | 383.13                                      | At                             | Silty Sand To Silty Clay                 | 10/28/2003      | 1.5 [1.1]      |
|           |                                 | 1' - 2'           | Cadmium   |                        | 383.00               | 382.13                                      | Below                          | Silty Sand                               | 10/28/2003      | <0.59          |
|           |                                 | 2' - 3'           | Cadmium   |                        | 383.00               | 381.13                                      | Below                          | Silty Sand/ Gravel                       | 10/28/2003      | 5.6            |
| SB-400    | E3                              | 0" - 2"           | Cadmium   | 391.92                 | 383.63               | 391.75                                      | Above                          | Topsoil                                  | 10/30/2003      | <0.72          |
|           |                                 | 0' - 1'           | Cadmium   |                        | 383.63               | 390.92                                      | Above                          | Topsoil                                  | 10/30/2003      | <0.59          |
|           |                                 | 1' - 2'           | Cadmium   |                        | 383.63               | 389.92                                      | Above                          | Silty Sand                               | 10/30/2003      | <0.56          |
|           |                                 | 2' - 3'           | Cadmium   |                        | 383.63               | 388.92                                      | Above                          | Silty Sand                               | 10/30/2003      | <0.54          |
|           |                                 | 3' - 4'           | Cadmium   |                        | 383.63               | 387.92                                      | Above                          | Silty Sand                               | 10/30/2003      | <0.53          |
|           |                                 | 4' - 5'           | Cadmium   |                        | 383.63               | 386.92                                      | Above                          | Silty Sand                               | 10/30/2003      | <0.55          |
|           |                                 | 5' - 6'           | Cadmium   |                        | 383.63               | 385.92                                      | Above                          | Silty Sand                               | 10/30/2003      | <0.55          |
|           |                                 | 6' - 7'           | Cadmium   |                        | 383.63               | 384.92                                      | Above                          | Silty Sand/ Gravel                       | 10/30/2003      | <0.53          |
|           |                                 | 7' - 8'           | Cadmium   |                        | 383.63               | 383.92                                      | At                             | Silty Sand/ Gravel                       | 10/30/2003      | <0.54          |
|           |                                 | 8' - 9'           | Cadmium   |                        | 383.63               | 382.92                                      | Below                          | Sand                                     | 10/30/2003      | <0.55          |
|           |                                 | 9' - 10'          | Cadmium   |                        | 383.63               | 381.92                                      | Below                          | Sand                                     | 10/30/2003      | <0.54          |
|           |                                 | 10' - 11'         | Cadmium   |                        | 383.63               | 380.92                                      | Below                          | Silty Sand/ Gravel                       | 10/30/2003      | <0.56          |
|           |                                 | 11' - 12'         | Cadmium   |                        | 383.63               | 379.92                                      | Below                          | Silty Sand/ Gravel                       | 10/30/2003      | <0.53          |
|           |                                 | 12' - 13'         | Cadmium   |                        | 383.63               | 378.92                                      | Below                          | Silty Sand/ Gravel                       | 10/30/2003      | <0.56          |
|           |                                 | 13' - 14'         | Cadmium   |                        | 383.63               | 377.92                                      | Below                          | Silty Sand/ Gravel                       | 10/30/2003      | <0.54          |
|           |                                 | 14' - 15'         | Cadmium   |                        | 383.63               | 376.92                                      | Below                          | Silty Sand/ Gravel                       | 10/30/2003      | <0.55          |
|           |                                 | 15' - 16'         | Cadmium   |                        | 383.63               | 375.92                                      | Below                          | Silty Sand/ Gravel                       | 10/30/2003      | <0.54          |
| SB-401    | B1                              | 0" - 2"           | Cadmium   | 387.37                 | 384.28               | 387.20                                      | Above                          | Organic Silt/Sand                        | 10/28/2003      | 489            |
|           |                                 | 0' - 1'           | Cadmium   |                        | 384.28               | 386.37                                      | Above                          | Organic Silt/Sand                        | 10/28/2003      | 771            |
|           |                                 | 1' - 2'           | Cadmium   |                        | 384.28               | 385.37                                      | Above                          | Organic Silt/Sand                        | 10/28/2003      | 61.5           |
|           |                                 | 2' - 3'           | Cadmium   |                        | 384.28               | 384.37                                      | At                             | Organic Silt/Sand to Till                | 10/28/2003      | 35.6           |
|           |                                 | 3' - 4'           | Cadmium   |                        | 384.28               | 383.37                                      | Below                          | Till                                     | 10/28/2003      | <0.55          |

**Table 1A**  
**Summary of Soil Classification and Analytical Data<sup>1</sup>**  
**West Branch of Bloody Brook**  
**Bloody Brook Voluntary Cleanup Program**  
**Onondaga County, New York**

| Boring ID | Figure Coordinates <sup>2</sup> | Sampling Interval | Analyte   | Surface Elevation (ft) | Brook Elevation (ft) | Sample Elevation at Bottom of Interval (ft) | Sample Relation to Brook Level | General Soil Classification <sup>3</sup> | Collection Date | Result (mg/kg) |
|-----------|---------------------------------|-------------------|-----------|------------------------|----------------------|---|--------------------------------|--|-----------------|----------------|
| SB-402    | D2                              | 0" - 2"           | Cadmium   | 389.59                 | 384.19               | 389.42                                      | Above                          | Organic Silt/Sand                        | 10/29/2003      | 22.0           |
|           |                                 | 0' - 1'           | Cadmium   |                        | 384.19               | 388.59                                      | Above                          | Organic Silt/Sand                        | 10/29/2003      | <0.69          |
|           |                                 | 1' - 2'           | Cadmium   |                        | 384.19               | 387.59                                      | Above                          | Organic Silt/Sand                        | 10/29/2003      | <0.63          |
|           |                                 | 2' - 3'           | Cadmium   |                        | 384.19               | 386.59                                      | Above                          | Organic Silt/Sand /Gravel                | 10/29/2003      | <0.68          |
|           |                                 | 3' - 4'           | Cadmium   |                        | 384.19               | 385.59                                      | Above                          | Organic Silt/Sand /Gravel                | 10/29/2003      | <0.63          |
|           |                                 | 4' - 5'           | Cadmium   |                        | 384.19               | 384.59                                      | At                             | Organic Silt/Sand /Gravel                | 10/29/2003      | <0.64          |
|           |                                 | 5' - 6'           | Cadmium   |                        | 384.19               | 383.59                                      | Below                          | Organic Silt/Sand /Gravel to Sand        | 10/29/2003      | <0.61 [<0.61]  |
|           |                                 | 6' - 7'           | Cadmium   |                        | 384.19               | 382.59                                      | Below                          | Till                                     | 10/29/2003      | <0.56          |
|           |                                 | 0" - 2"           | Cadmium   | 385.52                 | 383.59               | 385.35                                      | Above                          | Topsoil                                  | 10/30/2003      | 17.8           |
| SB-403    | D4                              | 0' - 1'           | Cadmium   |                        | 383.59               | 384.52                                      | Above                          | Organic Silt/Sand                        | 10/30/2003      | 16.3           |
|           |                                 | 1' - 2'           | Cadmium   |                        | 383.59               | 383.52                                      | At                             | Organic Silt/Sand                        | 10/30/2003      | 38.3           |
|           |                                 | 2' - 3'           | Cadmium   |                        | 383.59               | 382.52                                      | Below                          | Silt/Sand/ Gravel/Cobble                 | 10/30/2003      | 89.1           |
|           |                                 | 3' - 4'           | Cadmium   |                        | 383.59               | 381.52                                      | Below                          | Silt/Sand/ Gravel/Cobble                 | 10/30/2003      | 5.3            |
|           |                                 | 0" - 2"           | Cadmium   | 385.59                 | 383.00               | 385.42                                      | Above                          | Topsoil                                  | 10/28/2003      | 11.4           |
| SB-404    | E4                              | 0' - 1'           | Cadmium   |                        | 383.00               | 384.59                                      | Above                          | Silty Sand                               | 10/28/2003      | 9.8 [10.3]     |
|           |                                 | 1' - 2'           | Cadmium   |                        | 383.00               | 383.59                                      | Above                          | Silty Sand                               | 10/28/2003      | 1.3            |
|           |                                 | 2' - 3'           | Cadmium   |                        | 383.00               | 382.59                                      | At                             | Silty Sand                               | 10/28/2003      | <0.57          |
|           |                                 | 3' - 4'           | Cadmium   |                        | 383.00               | 381.59                                      | Below                          | Silty Sand                               | 10/28/2003      | <0.54          |
|           |                                 | 4' - 5'           | Cadmium   |                        | 383.00               | 380.59                                      | Below                          | Till                                     | 10/28/2003      | <0.53          |
|           |                                 | 5' - 6'           | Lithology |                        | 383.00               | 379.59                                      | Below                          | Till                                     | 10/28/2003      | NA             |
|           |                                 | 6' - 7'           | Lithology |                        | 383.00               | 378.59                                      | Below                          | Till                                     | 10/28/2003      | NA             |
|           |                                 | 0" - 2"           | Cadmium   |                        | 382.18               | 384.79                                      | Above                          | Topsoil                                  | 10/28/2003      | 2.0            |
| SB-405    | F6                              | 0' - 1'           | Cadmium   | 384.96                 | 382.18               | 383.96                                      | Above                          | Silty Sand                               | 10/28/2003      | <0.61          |
|           |                                 | 1' - 2'           | Cadmium   |                        | 382.18               | 382.96                                      | Above                          | Silty Sand                               | 10/28/2003      | <0.64          |
|           |                                 | 2' - 3'           | Cadmium   |                        | 382.18               | 381.96                                      | At                             | Sand/Gravel                              | 10/28/2003      | <0.56          |
|           |                                 | 3' - 4'           | Cadmium   |                        | 382.18               | 380.96                                      | Below                          | Fill                                     | 10/28/2003      | <0.60          |
|           |                                 | 4' - 5'           | Cadmium   |                        | 382.18               | 379.96                                      | Below                          | Fill                                     | 10/28/2003      | <0.63          |
|           |                                 | 5' - 6'           | Cadmium   |                        | 382.18               | 378.96                                      | Below                          | Silty Sand                               | 10/28/2003      | <0.54          |
|           |                                 | 6' - 7'           | Cadmium   |                        | 382.18               | 377.96                                      | Below                          | Till                                     | 10/28/2003      | <0.53          |
|           |                                 | 7' - 8'           | Lithology |                        | 382.18               | 376.96                                      | Below                          | Till                                     | 10/28/2003      | NA             |
|           |                                 | 0" - 2"           | Cadmium   | 381.26                 | 378.86               | 381.09                                      | Above                          | Gravel                                   | 10/28/2003      | 4.6            |
|           |                                 | 0' - 1'           | Cadmium   |                        | 378.86               | 380.26                                      | Above                          | Gravel                                   | 10/27/2003      | 0.92           |
| SB-406    | G7                              | 1' - 2'           | Cadmium   |                        | 378.86               | 379.26                                      | At                             | Silty Sand                               | 10/27/2003      | <0.56          |
|           |                                 | 2' - 3'           | Cadmium   |                        | 378.86               | 378.26                                      | Below                          | Silty Sand                               | 10/27/2003      | <0.52 [<0.55]  |
|           |                                 | 3' - 4'           | Cadmium   |                        | 378.86               | 377.26                                      | Below                          | Silty Sand                               | 10/27/2003      | <0.55          |
|           |                                 | 4' - 5'           | Cadmium   |                        | 378.86               | 376.26                                      | Below                          | Silty Sand                               | 10/27/2003      | <0.56          |
|           |                                 | 5' - 6'           | Cadmium   |                        | 378.86               | 375.26                                      | Below                          | Silty Sand                               | 10/27/2003      | <0.53          |
|           |                                 | 6' - 7'           | Cadmium   |                        | 378.86               | 374.26                                      | Below                          | Silty Sand                               | 10/27/2003      | <0.53          |
|           |                                 | 7' - 8'           | Cadmium   |                        | 378.86               | 373.26                                      | Below                          | Silty Sand                               | 10/27/2003      | <0.54          |
|           |                                 | 8' - 9'           | Lithology |                        | 378.86               | 372.26                                      | Below                          | Sand/Gravel/Cobbles                      | 10/27/2003      | NA             |
|           |                                 | 9' - 10'          | Lithology |                        | 378.86               | 371.26                                      | Below                          | Sand/Gravel/Cobbles                      | 10/27/2003      | NA             |
| SB-407    | H7                              | 0" - 2"           | Cadmium   | 380.91                 | 377.49               | 380.74                                      | Above                          | Topsoil                                  | 10/30/2003      | 392            |
|           |                                 | 0' - 1'           | Cadmium   |                        | 377.49               | 379.91                                      | Above                          | Silty Sand                               | 10/30/2003      | 170            |
|           |                                 | 1' - 2'           | Cadmium   |                        | 377.49               | 378.91                                      | Above                          | Silty Sand                               | 10/30/2003      | 0.86           |
|           |                                 | 2' - 3'           | Cadmium   |                        | 377.49               | 377.91                                      | At                             | Organic Silt/Sand                        | 10/30/2003      | <0.59 [<0.58]  |
|           |                                 | 3' - 4'           | Cadmium   |                        | 377.49               | 376.91                                      | Below                          | Organic Silt/Sand                        | 10/30/2003      | <0.60          |
|           |                                 | 4' - 5'           | Cadmium   |                        | 377.49               | 375.91                                      | Below                          | Organic Silt/Sand to Peat                | 10/30/2003      | 49.1           |
|           |                                 | 5' - 6'           | Cadmium   |                        | 377.49               | 374.91                                      | Below                          | Till                                     | 10/30/2003      | <0.56          |
|           |                                 | 6' - 7'           | Lithology |                        | 377.49               | 373.91                                      | Below                          | Till                                     | 10/30/2003      | NA             |
| SB-408    | F8                              | 0" - 2"           | Cadmium   | 382.11                 | 377.43               | 381.94                                      | Above                          | Topsoil                                  | 10/28/2003      | 4.7            |
|           |                                 | 0' - 1'           | Cadmium   |                        | 377.43               | 381.11                                      | Above                          | Silty Sand                               | 10/27/2003      | 1.1            |
|           |                                 | 1' - 2'           | Cadmium   |                        | 377.43               | 380.11                                      | Above                          | Silty Sand                               | 10/27/2003      | <0.62          |
|           |                                 | 2' - 3'           | Cadmium   |                        | 377.43               | 379.11                                      | Above                          | Silty Sand                               | 10/27/2003      | <0.54          |
|           |                                 | 3' - 4'           | Cadmium   |                        | 377.43               | 378.11                                      | Above                          | Sand/Gravel/Cobbles                      | 10/27/2003      | <0.52          |
|           |                                 | 4' - 5'           | Cadmium   |                        | 377.43               | 377.11                                      | At                             | Sand/Gravel/Cobbles                      | 10/27/2003      | <0.52          |
|           |                                 | 5' - 6'           | Cadmium   |                        | 377.43               | 376.11                                      | Below                          | Sand/Gravel/Cobbles                      | 10/27/2003      | <0.52          |
|           |                                 | 6' - 7'           | Cadmium   |                        | 377.43               | 375.11                                      | Below                          | Clayey Silt                              | 10/27/2003      | <0.56          |
|           |                                 | 7' - 8'           | Cadmium   |                        | 377.43               | 374.11                                      | Below                          | Clayey Silt                              | 10/27/2003      | <0.54          |
|           |                                 | 8' - 9'           | Lithology |                        | 377.43               | 373.11                                      | Below                          | Clayey Silt                              | 10/27/2003      | NA             |
|           |                                 | 9' - 10'          | Lithology |                        | 377.43               | 372.11                                      | Below                          | Clayey Silt                              | 10/27/2003      | NA             |
|           |                                 | 10' - 11'         | Lithology |                        | 377.43               | 371.11                                      | Below                          | Silty Sand                               | 10/27/2003      | NA             |
|           |                                 | 11' - 12'         | Lithology |                        | 377.43               | 370.11                                      | Below                          | Silty Sand                               | 10/27/2003      | NA             |

**Table 1A**  
**Summary of Soil Classification and Analytical Data<sup>1</sup>**  
**West Branch of Bloody Brook**  
**Bloody Brook Voluntary Cleanup Program**  
**Onondaga County, New York**

| Boring ID | Figure Coordinates <sup>2</sup> | Sampling Interval | Analyte   | Surface Elevation (ft) | Brook Elevation (ft) | Sample Elevation at Bottom of Interval (ft) | Sample Relation to Brook Level | General Soil Classification <sup>3</sup> | Collection Date | Result (mg/kg) |
|-----------|---------------------------------|-------------------|-----------|------------------------|----------------------|---|--------------------------------|--|-----------------|----------------|
| SB-409    | G8                              | 0" - 2"           | Cadmium   | 380.44                 | 376.73               | 380.27                                      | Above                          | Topsoil                                  | 10/28/2003      | 153            |
|           |                                 | 0' - 1'           | Cadmium   |                        | 376.73               | 379.44                                      | Above                          | Silty Sand                               | 10/28/2003      | 61.6           |
|           |                                 | 1' - 2'           | Cadmium   |                        | 376.73               | 378.44                                      | Above                          | Silty Sand                               | 10/28/2003      | 0.7            |
|           |                                 | 2' - 3'           | Cadmium   |                        | 376.73               | 377.44                                      | Above                          | Silty Sand                               | 10/28/2003      | <0.57          |
|           |                                 | 3' - 4'           | Cadmium   |                        | 376.73               | 376.44                                      | At                             | Silty Sand                               | 10/28/2003      | <0.59          |
|           |                                 | 4' - 5'           | Cadmium   |                        | 376.73               | 375.44                                      | Below                          | Silty Sand                               | 10/28/2003      | 4.4            |
|           |                                 | 5' - 6'           | Cadmium   |                        | 376.73               | 374.44                                      | Below                          | Silty Sand to Organic Silt/Sand          | 10/28/2003      | 992 [1,360]    |
|           |                                 | 6' - 7'           | Cadmium   |                        | 376.73               | 373.44                                      | Below                          | Organic Silt/Sand                        | 10/28/2003      | 2.4            |
|           |                                 | 7' - 8'           | Cadmium   |                        | 376.73               | 372.44                                      | Below                          | Sand/Gravel                              | 10/28/2003      | 0.96           |
|           |                                 | 8' - 9'           | Cadmium   |                        | 376.73               | 371.44                                      | Below                          | Peat to Organic Silt/Sand                | 10/28/2003      | 1,540          |
|           |                                 | 9' - 10'          | Cadmium   |                        | 376.73               | 370.44                                      | Below                          | Organic Silt/Sand to Sand/Gravel         | 10/28/2003      | 1.2            |
|           |                                 | 10' - 11'         | Cadmium   |                        | 376.73               | 369.44                                      | Below                          | Sand/Gravel                              | 10/28/2003      | <0.56          |
|           |                                 | 11' - 12'         | Cadmium   |                        | 376.73               | 368.44                                      | Below                          | Till                                     | 10/28/2003      | <0.53          |
| SB-410    | G9                              | 0" - 2"           | Cadmium   | 378.99                 | 375.85               | 378.82                                      | Above                          | Silty Sand                               | 10/28/2003      | 2.2            |
|           |                                 | 0' - 1'           | Cadmium   |                        | 375.85               | 377.99                                      | Above                          | Silty Sand                               | 10/28/2003      | 1.6            |
|           |                                 | 1' - 2'           | Cadmium   |                        | 375.85               | 376.99                                      | Above                          | Silty Sand                               | 10/28/2003      | 16.3           |
|           |                                 | 2' - 3'           | Cadmium   |                        | 375.85               | 375.99                                      | At                             | Silty Sand to Peat                       | 10/28/2003      | 4,230          |
|           |                                 | 3' - 4'           | Cadmium   |                        | 375.85               | 374.99                                      | Below                          | Peat                                     | 10/28/2003      | 7.7            |
|           |                                 | 4' - 5'           | Cadmium   |                        | 375.85               | 373.99                                      | Below                          | Peat to Clayey Silt                      | 10/28/2003      | 463            |
|           |                                 | 5' - 6'           | Cadmium   |                        | 375.85               | 372.99                                      | Below                          | Organic Silt/Sand                        | 10/28/2003      | 1.4            |
| SB-411    | H8                              | 0" - 2"           | Cadmium   | 379.09                 | 377.20               | 378.92                                      | Above                          | Topsoil                                  | 10/28/2003      | 15.6           |
|           |                                 | 0' - 1'           | Cadmium   |                        | 377.20               | 378.09                                      | Above                          | Silty Sand                               | 10/28/2003      | 3.6            |
|           |                                 | 1' - 2'           | Cadmium   |                        | 377.20               | 377.09                                      | At                             | Silty Sand                               | 10/28/2003      | 4.3            |
|           |                                 | 2' - 3'           | Cadmium   |                        | 377.20               | 376.09                                      | Below                          | Organic Silt/Sand                        | 10/28/2003      | <1.0           |
|           |                                 | 3' - 4'           | Cadmium   |                        | 377.20               | 375.09                                      | Below                          | Organic Silt/Sand                        | 10/28/2003      | <0.78          |
|           |                                 | 4' - 5'           | Cadmium   |                        | 377.20               | 374.09                                      | Below                          | Organic Silt/Sand                        | 10/28/2003      | 2.1            |
|           |                                 | 5' - 6'           | Cadmium   |                        | 377.20               | 373.09                                      | Below                          | Organic Silt/Sand to Sand/Gravel         | 10/28/2003      | <0.63          |
|           |                                 | 6' - 7'           | Cadmium   |                        | 377.20               | 372.09                                      | Below                          | Sand                                     | 10/28/2003      | <0.60 [<0.63]  |
| SB-412    | H8                              | 7' - 8'           | Cadmium   | 378.81                 | 377.20               | 371.09                                      | Below                          | Sand to Till                             | 10/28/2003      | <0.56          |
|           |                                 | 0" - 2"           | Cadmium   |                        | 377.16               | 378.64                                      | Above                          | Topsoil                                  | 10/28/2003      | 29.3           |
|           |                                 | 0' - 1'           | Cadmium   |                        | 377.16               | 377.81                                      | Above                          | Silty Sand                               | 10/28/2003      | 11.4           |
|           |                                 | 1' - 2'           | Cadmium   |                        | 377.16               | 376.81                                      | At                             | Silty Sand                               | 10/28/2003      | 71.8           |
|           |                                 | 2' - 3'           | Cadmium   |                        | 377.16               | 375.81                                      | Below                          | Peat                                     | 10/28/2003      | 2,360          |
|           |                                 | 3' - 4'           | Cadmium   |                        | 377.16               | 374.81                                      | Below                          | Peat to Organic Silt/Sand                | 10/28/2003      | 1,140          |
|           |                                 | 4' - 5'           | Cadmium   |                        | 377.16               | 373.81                                      | Below                          | Organic Silt/Sand                        | 10/28/2003      | 1,730          |
|           |                                 | 5' - 6'           | Cadmium   |                        | 377.16               | 372.81                                      | Below                          | Organic Silt/Sand                        | 10/28/2003      | 13.6           |
|           |                                 | 6' - 7'           | Cadmium   |                        | 377.16               | 371.81                                      | Below                          | Till                                     | 10/28/2003      | 16.3           |
| SB-413    | E10                             | 7' - 8'           | Cadmium   | 377.15                 | 377.16               | 370.81                                      | Below                          | Till                                     | 10/28/2003      | 1.1            |
|           |                                 | 0" - 2"           | Lithology |                        | 372.46               | 376.98                                      | Above                          | Sand                                     | 10/20/2003      | NA             |
|           |                                 | 0' - 1'           | Lithology |                        | 372.46               | 376.15                                      | Above                          | Sand                                     | 10/20/2003      | NA             |
|           |                                 | 1' - 2'           | Lithology |                        | 372.46               | 375.15                                      | Above                          | Sand to Silty Sand                       | 10/20/2003      | NA             |
|           |                                 | 2' - 3'           | Lithology |                        | 372.46               | 374.15                                      | Above                          | Silty Sand                               | 10/20/2003      | NA             |
|           |                                 | 3' - 4'           | Lithology |                        | 372.46               | 373.15                                      | Above                          | Organic Silt/Sand                        | 10/20/2003      | NA             |
|           |                                 | 4' - 5'           | Cadmium   |                        | 372.46               | 372.15                                      | At                             | Organic Silt/Sand                        | 10/20/2003      | 2.2            |
|           |                                 | 5' - 6'           | Cadmium   |                        | 372.46               | 371.15                                      | Below                          | Organic Clayey Sand                      | 10/20/2003      | 3.5            |
|           |                                 | 6' - 7'           | Cadmium   |                        | 372.46               | 370.15                                      | Below                          | Organic Silt/Sand                        | 10/20/2003      | <0.85          |
| SB-414    | E10                             | 0" - 2"           | Cadmium   | 379.56                 | 372.62               | 379.39                                      | Above                          | Topsoil                                  | 10/24/2003      | 34.9           |
|           |                                 | 0' - 1'           | Cadmium   |                        | 372.62               | 378.56                                      | Above                          | Sandy Silt                               | 10/24/2003      | 96.1           |
|           |                                 | 1' - 2'           | Cadmium   |                        | 372.62               | 377.56                                      | Above                          | Sandy Silt                               | 10/24/2003      | 16.0           |
|           |                                 | 2' - 3'           | Cadmium   |                        | 372.62               | 376.56                                      | Above                          | Sandy Silt                               | 10/24/2003      | 14.7 [13.9]    |
|           |                                 | 3' - 4'           | Cadmium   |                        | 372.62               | 375.56                                      | Above                          | Sandy Silt                               | 10/24/2003      | 5,350          |
|           |                                 | 4' - 5'           | Cadmium   |                        | 372.62               | 374.56                                      | Above                          | Organic Silt/Sand                        | 10/24/2003      | 120            |
|           |                                 | 5' - 6'           | Cadmium   |                        | 372.62               | 373.56                                      | Above                          | Organic Silt/Sand to Clayey Silt         | 10/24/2003      | 6.9            |
|           |                                 | 6' - 7'           | Cadmium   |                        | 372.62               | 372.56                                      | At                             | Organic Clayey Silt                      | 10/24/2003      | 1.3            |
|           |                                 | 7' - 8'           | Cadmium   |                        | 372.62               | 371.56                                      | Below                          | Organic Silt/Sand                        | 10/24/2003      | <0.72          |
| SB-435    | C1                              | 0" - 2"           | Cadmium   | 389.14                 | 384.27               | 388.97                                      | Above                          | Organic Silty Sand                       | 4/28/2004       | 394            |
|           |                                 | 0' - 1'           | Cadmium   |                        | 384.27               | 388.14                                      | Above                          | Silty Sand                               | 4/28/2004       | 166            |
|           |                                 | 1' - 2'           | Cadmium   |                        | 384.27               | 387.14                                      | Above                          | Silty Sand                               | 4/28/2004       | 24.4           |
|           |                                 | 2' - 3'           | Cadmium   |                        | 384.27               | 386.14                                      | Above                          | Till                                     | 4/28/2004       | 4.43 [4.87]    |
| SB-436    | B1                              | 0" - 2"           | Cadmium   | 388.91                 | 384.28               | 388.74                                      | Above                          | Organic Silt                             | 4/28/2004       | 42.8           |
|           |                                 | 0' - 1'           | Cadmium   |                        | 384.28               | 387.91                                      | Above                          | Organic Silt                             | 4/28/2004       | 23.4           |
|           |                                 | 1' - 2'           | Cadmium   |                        | 384.28               | 386.91                                      | Above                          | Organic Silt                             | 4/28/2004       | 2.55           |
|           |                                 | 2' - 3'           | Cadmium   |                        | 384.28               | 385.91                                      | Above                          | Organic Silt                             | 4/28/2004       | <0.736         |

**Table 1A**  
**Summary of Soil Classification and Analytical Data<sup>1</sup>**  
**West Branch of Bloody Brook**  
**Bloody Brook Voluntary Cleanup Program**  
**Onondaga County, New York**

| Boring ID | Figure Coordinates <sup>2</sup> | Sampling Interval | Analyte | Surface Elevation (ft) | Brook Elevation (ft) | Sample Elevation at Bottom of Interval (ft) | Sample Relation to Brook Level | General Soil Classification <sup>3</sup> | Collection Date | Result (mg/kg)  |
|-----------|---------------------------------|-------------------|---------|------------------------|----------------------|---|--------------------------------|--|-----------------|-----------------|
| SB-437    | B2                              | 0" - 2"           | Cadmium | 390.63                 | 384.24               | 390.46                                      | Above                          | Organic Silt                             | 4/28/2004       | 1.33            |
|           |                                 | 0' - 1'           | Cadmium |                        | 384.24               | 389.63                                      | Above                          | Organic Silt                             | 4/28/2004       | <0.655          |
|           |                                 | 1' - 2'           | Cadmium |                        | 384.24               | 388.63                                      | Above                          | Organic Silt                             | 4/28/2004       | <0.644          |
|           |                                 | 2' - 3'           | Cadmium |                        | 384.24               | 387.63                                      | Above                          | Silt                                     | 4/28/2004       | <0.596          |
|           |                                 | 3' - 4'           | Cadmium |                        | 384.24               | 386.63                                      | Above                          | Silt                                     | 4/28/2004       | <0.605          |
| SB-438    | C4                              | 0" - 2"           | Cadmium | 387.97                 | 383.63               | 387.80                                      | Above                          | Organic Silty Sand                       | 4/28/2004       | 3.84            |
|           |                                 | 0' - 1'           | Cadmium |                        | 383.63               | 386.97                                      | Above                          | Organic Silty Sand                       | 4/28/2004       | 1.91            |
|           |                                 | 1' - 2'           | Cadmium |                        | 383.63               | 385.97                                      | Above                          | Organic Silty Sand                       | 4/28/2004       | 1.03            |
|           |                                 | 2' - 3'           | Cadmium |                        | 383.63               | 384.97                                      | Above                          | Silty Sand                               | 4/28/2004       | 4.63            |
|           |                                 | 3' - 4'           | Cadmium |                        | 383.63               | 383.97                                      | At                             | Silty Sand                               | 4/28/2004       | 5.65            |
| SB-439    | E4                              | 0" - 2"           | Cadmium | 387.12                 | 383.00               | 386.95                                      | Above                          | Organic Silty Sand                       | 4/28/2004       | 1.34            |
|           |                                 | 0' - 1'           | Cadmium |                        | 383.00               | 386.12                                      | Above                          | Organic Silty Sand                       | 4/28/2004       | <0.641          |
|           |                                 | 1' - 2'           | Cadmium |                        | 383.00               | 385.12                                      | Above                          | Organic Silty Sand                       | 4/28/2004       | <0.634 [<0.628] |
| SB-440    | E6                              | 0" - 2"           | Cadmium | 387.30                 | 383.00               | 387.13                                      | Above                          | Silty Sand                               | 4/28/2004       | 1.45            |
|           |                                 | 0' - 1'           | Cadmium |                        | 383.00               | 386.30                                      | Above                          | Silty Sand                               | 4/28/2004       | <0.644          |
|           |                                 | 1' - 2'           | Cadmium |                        | 383.00               | 385.30                                      | Above                          | Sand                                     | 4/28/2004       | <0.614          |
|           |                                 | 2' - 3'           | Cadmium |                        | 383.00               | 384.30                                      | Above                          | Sand                                     | 4/28/2004       | <0.576          |
|           |                                 | 3' - 4'           | Cadmium |                        | 383.00               | 383.30                                      | At                             | Sand                                     | 4/28/2004       | <0.590          |
|           |                                 | 4' - 5'           | Cadmium |                        | 383.00               | 382.30                                      | Below                          | Sand                                     | 4/28/2004       | <0.610          |
| SB-441    | F5                              | 0" - 2"           | Cadmium | 383.56                 | 382.50               | 383.39                                      | Above                          | Organic Silty Sand                       | 4/28/2004       | 2.37            |
|           |                                 | 0' - 1'           | Cadmium |                        | 382.50               | 382.56                                      | At                             | Organic Silty Sand                       | 4/28/2004       | 13.4            |
|           |                                 | 1' - 2'           | Cadmium |                        | 382.50               | 381.56                                      | Below                          | Organic Silty Sand                       | 4/28/2004       | 7.13            |
|           |                                 | 2' - 3'           | Cadmium |                        | 382.50               | 380.56                                      | Below                          | Silty Sand                               | 4/28/2004       | 2.37            |
| SB-442    | G7                              | 0" - 2"           | Cadmium | 381.80                 | 379.18               | 381.63                                      | Above                          | Organic Silt                             | 4/28/2004       | 4.74            |
|           |                                 | 0' - 1'           | Cadmium |                        | 379.18               | 380.80                                      | Above                          | Organic Silty Sand                       | 4/28/2004       | 0.685           |
|           |                                 | 1' - 2'           | Cadmium |                        | 379.18               | 379.80                                      | Above                          | Organic Silty Sand                       | 4/28/2004       | <0.618          |
|           |                                 | 2' - 3'           | Cadmium |                        | 379.18               | 378.80                                      | At                             | Sandy Silty Clay                         | 4/28/2004       | <0.618          |
| SB-443    | G7                              | 0" - 2"           | Cadmium | 381.02                 | 379.18               | 380.85                                      | Above                          | Organic Silty Sand                       | 4/28/2004       | 31.4            |
|           |                                 | 0' - 1'           | Cadmium |                        | 379.18               | 380.02                                      | Above                          | Silty Sand                               | 4/28/2004       | 0.962           |
|           |                                 | 1' - 2'           | Cadmium |                        | 379.18               | 379.02                                      | At                             | Silty Sand                               | 4/28/2004       | <0.663          |
|           |                                 | 2' - 3'           | Cadmium |                        | 379.18               | 378.02                                      | Below                          | Organic Silt                             | 4/28/2004       | <0.871          |
|           |                                 | 3' - 4'           | Cadmium |                        | 379.18               | 377.02                                      | Below                          | Silty Sandy Clay                         | 4/28/2004       | <0.624          |
| SB-444    | H8                              | 0" - 2"           | Cadmium | 381.08                 | 377.43               | 380.91                                      | Above                          | Topsoil                                  | 4/28/2004       | 84.7            |
|           |                                 | 0' - 1'           | Cadmium |                        | 377.43               | 380.08                                      | Above                          | Sandy Silt                               | 4/28/2004       | 71.3            |
|           |                                 | 1' - 2'           | Cadmium |                        | 377.43               | 379.08                                      | Above                          | Sandy Silt                               | 4/28/2004       | 6.06            |
|           |                                 | 2' - 3'           | Cadmium |                        | 377.43               | 378.08                                      | Above                          | Sandy Silt                               | 4/28/2004       | 28.4            |
|           |                                 | 3' - 4'           | Cadmium |                        | 377.43               | 377.08                                      | At                             | Sandy Silt                               | 4/28/2004       | 1.05            |
|           |                                 | 4' - 5'           | Cadmium |                        | 377.43               | 376.08                                      | Below                          | Sandy Silt                               | 4/28/2004       | 0.973           |
| SB-445    | G7                              | 0" - 2"           | Cadmium | 380.95                 | 377.57               | 380.78                                      | Above                          | Silty Sand                               | 4/28/2004       | 135             |
|           |                                 | 0' - 1'           | Cadmium |                        | 377.57               | 379.95                                      | Above                          | Silty Sand                               | 4/28/2004       | 11.3            |
|           |                                 | 1' - 2'           | Cadmium |                        | 377.57               | 378.95                                      | Above                          | Silty Clay                               | 4/28/2004       | 5.31            |
|           |                                 | 2' - 3'           | Cadmium |                        | 377.57               | 377.95                                      | At                             | Silty Clay                               | 4/28/2004       | 1.28            |
|           |                                 | 3' - 4'           | Cadmium |                        | 377.57               | 376.95                                      | Below                          | Organic Silt                             | 4/28/2004       | 1,910 [2,710]   |
|           |                                 | 4' - 5'           | Cadmium |                        | 377.57               | 375.95                                      | Below                          | Silty Sand                               | 4/28/2004       | 58.4            |
| SB-446    | H8                              | 0" - 2"           | Cadmium | 379.08                 | 377.33               | 378.91                                      | Above                          | Topsoil                                  | 4/29/2004       | 10.9            |
| SB-447    | I8                              | 0" - 2"           | Cadmium | 380.24                 | 377.35               | 380.07                                      | Above                          | Topsoil                                  | 4/29/2004       | <0.814          |
| SB-448    | H9                              | 0" - 2"           | Cadmium | 380.65                 | 376.92               | 380.48                                      | Above                          | Sandy Silt                               | 4/28/2004       | 4.15            |
|           |                                 | 0' - 1'           | Cadmium |                        | 376.92               | 379.65                                      | Above                          | Silty Sand                               | 4/28/2004       | 1.66            |
|           |                                 | 1' - 2'           | Cadmium |                        | 376.92               | 378.65                                      | Above                          | Sandy Silt                               | 4/28/2004       | <0.608          |
|           |                                 | 2' - 3'           | Cadmium |                        | 376.92               | 377.65                                      | Above                          | Sandy Silt                               | 4/28/2004       | <0.605          |
|           |                                 | 3' - 4'           | Cadmium |                        | 376.92               | 376.65                                      | At                             | Sandy Silt                               | 4/28/2004       | 3,800           |
|           |                                 | 4' - 5'           | Cadmium |                        | 376.92               | 375.65                                      | Below                          | Sandy Silt                               | 4/28/2004       | 2,120           |
|           |                                 | 5' - 6'           | Cadmium |                        | 376.92               | 374.65                                      | Below                          | Sand & Silt                              | 4/28/2004       | 16.9            |

**Table 1A**  
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**West Branch of Bloody Brook**  
**Bloody Brook Voluntary Cleanup Program**  
**Onondaga County, New York**

| Boring ID | Figure Coordinates <sup>2</sup> | Sampling Interval | Analyte | Surface Elevation (ft) | Brook Elevation (ft) | Sample Elevation at Bottom of Interval (ft) | Sample Relation to Brook Level | General Soil Classification <sup>3</sup>           | Collection Date | Result (mg/kg) |
|-----------|---------------------------------|-------------------|---------|------------------------|----------------------|---|--------------------------------|--|-----------------|----------------|
| SB-449    | G9                              | 0" - 2"           | Cadmium | 383.38                 | 375.85               | 383.21                                      | Above                          | Organic Silt                                       | 4/29/2004       | 0.909          |
|           |                                 | 0' - 1'           | Cadmium |                        | 375.85               | 382.38                                      | Above                          | Organic Silt                                       | 4/29/2004       | <0.665         |
|           |                                 | 1' - 2'           | Cadmium |                        | 375.85               | 381.38                                      | Above                          | Organic Clayey Silt                                | 4/29/2004       | <0.605         |
|           |                                 | 2' - 3'           | Cadmium |                        | 375.85               | 380.38                                      | Above                          | Clayey Silt  | 4/29/2004       | <0.609         |
|           |                                 | 3' - 4'           | Cadmium |                        | 375.85               | 379.38                                      | Above                          | Clayey Silt  | 4/29/2004       | <0.613         |
|           |                                 | 4' - 5'           | Cadmium |                        | 375.85               | 378.38                                      | Above                          | Clayey Silt  | 4/29/2004       | <0.64          |
|           |                                 | 5' - 6'           | Cadmium |                        | 375.85               | 377.38                                      | Above                          | Silty Clay   | 4/29/2004       | <0.619         |
|           |                                 | 6' - 7'           | Cadmium |                        | 375.85               | 376.38                                      | Above                          | Clayey Silt  | 4/29/2004       | 84.7           |
|           |                                 | 7' - 8'           | Cadmium |                        | 375.85               | 375.38                                      | At                             | Organic Silt                                       | 4/29/2004       | 2,220          |
|           |                                 | 8' - 9'           | Cadmium |                        | 375.85               | 374.38                                      | Below                          | Silt   | 4/29/2004       | 8.27           |
|           |                                 | 9' - 10'          | Cadmium |                        | 375.85               | 372.38                                      | Below                          | Sandy Silt   | 4/29/2004       | 14.6           |
|           |                                 | 10' - 11'         | Cadmium |                        | 375.85               | 371.38                                      | Below                          | Organic Silt                                       | 4/29/2004       | 18.3           |
|           |                                 | 11' - 11.5'       | Cadmium |                        | 375.85               | 370.88                                      | Below                          | Sandy Silt   | 4/29/2004       | 8.21           |
| SB-450    | F9                              | 0" - 2"           | Cadmium | 377.94                 | 374.64               | 377.77                                      | Above                          | Sandy Silt   | 4/29/2004       | 33.5           |
|           |                                 | 0' - 1'           | Cadmium |                        | 374.64               | 376.94                                      | Above                          | Sandy Silt   | 4/29/2004       | 27.3           |
|           |                                 | 1' - 2'           | Cadmium |                        | 374.64               | 375.94                                      | Above                          | Sand   | 4/29/2004       | 26.9           |
|           |                                 | 2' - 3'           | Cadmium |                        | 374.64               | 374.94                                      | At                             | Organic Clayey Silt                                | 4/29/2004       | 38.0           |
|           |                                 | 3' - 4'           | Cadmium |                        | 374.64               | 373.94                                      | Below                          | Silt   | 4/29/2004       | 10.4           |
|           |                                 | 4' - 4.5'         | Cadmium |                        | 374.64               | 373.44                                      | Below                          | Silty Sand   | 4/29/2004       | 1.44           |
| SB-451    | F9                              | 0" - 2"           | Cadmium | 377.97                 | 374.64               | 377.80                                      | Above                          | Clayey Silt  | 4/29/2004       | 10.4           |
|           |                                 | 0' - 1'           | Cadmium |                        | 374.64               | 376.97                                      | Above                          | Organic Sandy Silt                                 | 4/29/2004       | 9.4            |
|           |                                 | 1' - 2'           | Cadmium |                        | 374.64               | 375.97                                      | Above                          | Sandy Silt   | 4/29/2004       | 3.53 [0.671]   |
|           |                                 | 2' - 3'           | Cadmium |                        | 374.64               | 374.97                                      | At                             | Sandy Silt   | 4/29/2004       | 196            |
|           |                                 | 3' - 4'           | Cadmium |                        | 374.64               | 373.97                                      | Below                          | Silty Sand   | 4/29/2004       | 1,390          |
| SB-452    | E10                             | 0" - 2"           | Cadmium | 381.80                 | 372.62               | 381.63                                      | Above                          | Topsoil  | 4/29/2004       | 1.84           |
|           |                                 | 0' - 1'           | Cadmium |                        | 372.62               | 380.80                                      | Above                          | Topsoil  | 4/29/2004       | <0.654         |
|           |                                 | 1' - 2'           | Cadmium |                        | 372.62               | 379.80                                      | Above                          | Clayey Silt  | 4/29/2004       | <0.623         |
| SB-456    | E10                             | 0" - 2"           | Cadmium | 384.58                 | 373.04               | 384.41                                      | Above                          | Topsoil  | 4/29/2004       | <0.658         |
|           |                                 | 0' - 1'           | Cadmium |                        | 373.04               | 383.58                                      | Above                          | Clayey Silt  | 4/29/2004       | <0.607         |
|           |                                 | 1' - 2'           | Cadmium |                        | 373.04               | 382.58                                      | Above                          | Silt   | 4/29/2004       | <0.620         |
|           |                                 | 2' - 3'           | Cadmium |                        | 373.04               | 381.58                                      | Above                          | Sandy Silt   | 4/29/2004       | <0.619         |
|           |                                 | 3' - 4'           | Cadmium |                        | 373.04               | 380.58                                      | Above                          | Clayey Silt  | 4/29/2004       | <0.605         |
|           |                                 | 4' - 5'           | Cadmium |                        | 373.04               | 379.58                                      | Above                          | Clayey Silt  | 4/29/2004       | <0.588         |
|           |                                 | 5' - 6'           | Cadmium |                        | 373.04               | 378.58                                      | Above                          | Sandy Silt   | 4/29/2004       | 1.46           |
| SB-457    | C2                              | 0" - 2"           | Cadmium | 387.53                 | 384.10               | 387.36                                      | Above                          | Organic Silt                                       | 4/29/2004       | 253            |
|           |                                 | 0' - 1'           | Cadmium |                        | 384.10               | 386.53                                      | Above                          | Organic Silt                                       | 4/29/2004       | 84.5           |
|           |                                 | 1' - 2'           | Cadmium |                        | 384.10               | 385.53                                      | Above                          | Sandy Silt   | 4/29/2004       | 12.5           |
|           |                                 | 2' - 2.25'        | Cadmium |                        | 384.10               | 385.28                                      | Above                          | Sandy Silt   | 4/29/2004       | 3.9            |
| SB-458    | C2                              | 0" - 2"           | Cadmium | 387.06                 | 384.09               | 386.89                                      | Above                          | Organic Sandy Silt                                 | 4/29/2004       | 446            |
|           |                                 | 0' - 1'           | Cadmium |                        | 384.09               | 386.06                                      | Above                          | Organic Sandy Silt                                 | 4/29/2004       | 188            |
|           |                                 | 1' - 2'           | Cadmium |                        | 384.09               | 385.06                                      | Above                          | Silt   | 4/29/2004       | 15.5           |
| SB-459    | C2                              | 0" - 2"           | Cadmium | 387.63                 | 384.09               | 387.46                                      | Above                          | Clayey Silt  | 4/29/2004       | 27.0           |
|           |                                 | 0' - 1'           | Cadmium |                        | 384.09               | 386.63                                      | Above                          | Clayey Silt  | 4/29/2004       | 21.6           |
|           |                                 | 1' - 2'           | Cadmium |                        | 384.09               | 385.63                                      | Above                          | Organic Clayey Silt                                | 4/29/2004       | 1.96           |
|           |                                 | 2' - 3'           | Cadmium |                        | 384.09               | 384.63                                      | Above                          | Organic Clayey Silt                                | 4/29/2004       | 30.3           |
| SSSWP-1   | F8                              | 0" - 6"           | Cadmium | ---                    | ---                  | ---   | ---                            | ---  | 12/19/2007      | 7.0 [10.8]     |
|           |                                 | 6" - 24"          | Cadmium |                        | ---                  | ---   | ---                            | ---  | 12/19/2007      | 25.8           |
| SSSWP-1E  | F8                              | 0" - 6"           | Cadmium | 379.79                 | 376.73               | 379.29                                      | Above                          | Gravelly sand with some silt, organics             | 4/27/2011       | 18.4           |
|           |                                 | 6" - 12'          | Cadmium |                        | 376.73               | 378.79                                      | Above                          | Gravelly sand with some silt, organics             | 4/27/2011       | 33.9           |
|           |                                 | 1' - 2'           | Cadmium |                        | 376.73               | 377.79                                      | Above                          | Silty sand with trace gravel, organics, clay       | 4/27/2011       | 26.3           |
| SSSWP-1N  | F8                              | 0" - 6"           | Cadmium | 380.60                 | 377.16               | 380.10                                      | Above                          | Silt and fine sand, organics                       | 4/27/2011       | 1.8            |
|           |                                 | 6" - 12'          | Cadmium |                        | 377.16               | 379.60                                      | Above                          | Fine sand  | 4/27/2011       | 0.045 J        |
|           |                                 | 1' - 2'           | Cadmium |                        | 377.16               | 378.60                                      | Above                          | Fine sand, wet                                     | 4/27/2011       | 0.048 J        |
| SSSWP-1R  | F8                              | 0" - 6"           | Cadmium | 381.25                 | 376.69               | 380.75                                      | Above                          | Silt with little fine sand, trace gravel, organics | 4/27/2011       | 8.3            |
|           |                                 | 6" - 12'          | Cadmium |                        | 376.69               | 380.25                                      | Above                          | Fine sand, trace gravel                            | 4/27/2011       | 0.72           |
|           |                                 | 1' - 2'           | Cadmium |                        | 376.69               | 379.25                                      | Above                          | Fine sand, trace gravel                            | 4/27/2011       | 2.9            |
| SSSWP-1S  | F8                              | 0" - 6"           | Cadmium | 381.03                 | 376.35               | 380.53                                      | Above                          | Sandy silt with organics                           | 4/27/2011       | 6.8            |
|           |                                 | 6" - 12'          | Cadmium |                        | 376.35               | 380.03                                      | Above                          | Sandy silt with organics                           | 4/27/2011       | 4.3            |
|           |                                 | 1' - 2'           | Cadmium |                        | 376.35               | 379.03                                      | Above                          | Sandy silt with organics, trace gravel             | 4/27/2011       | 3.2            |
| SSSWP-1W  | F8                              | 0" - 6"           | Cadmium | 381.56                 | 376.96               | 381.06                                      | Above                          | Sandy silt with organics                           | 4/27/2011       | 2.6            |
|           |                                 | 6" - 12'          | Cadmium |                        | 376.96               | 380.56                                      | Above                          | Silty sand with organics                           | 4/27/2011       | 0.40           |
|           |                                 | 1' - 2'           | Cadmium |                        | 376.96               | 379.56                                      | Above                          | Fine sand  | 4/27/2011       | 0.58 J         |

**Table 1A**  
**Summary of Soil Classification and Analytical Data<sup>1</sup>**  
**West Branch of Bloody Brook**  
**Bloody Brook Voluntary Cleanup Program**  
**Onondaga County, New York**

| Boring ID | Figure Coordinates <sup>2</sup> | Sampling Interval | Analyte | Surface Elevation (ft) | Brook Elevation (ft) | Sample Elevation at Bottom of Interval (ft) | Sample Relation to Brook Level | General Soil Classification <sup>3</sup> | Collection Date | Result (mg/kg) |
|-----------|---------------------------------|-------------------|---------|------------------------|----------------------|---|--------------------------------|--|-----------------|----------------|
| SSSWP-2   | F7                              | 0" - 6"           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 12/19/2007      | 2.2            |
|           |                                 | 6" - 15"          | Cadmium |                        | ---                  | ---   | ---                            | ---                                      | 12/19/2007      | 0.62           |
| SSSWP-3   | F7                              | 0" - 6"           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 12/19/2007      | 0.77           |
|           |                                 | 6" - 24"          | Cadmium |                        | ---                  | ---   | ---                            | ---                                      | 12/19/2007      | <0.05          |
| SSSWP-4   | F6                              | 0" - 6"           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 12/19/2007      | 4.7            |
|           |                                 | 6" - 24"          | Cadmium |                        | ---                  | ---   | ---                            | ---                                      | 12/19/2007      | <0.04          |
| SSSWP-5   | E5                              | 0" - 6"           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 12/19/2007      | 3.2            |
|           |                                 | 6" - 24"          | Cadmium |                        | ---                  | ---   | ---                            | ---                                      | 12/19/2007      | 0.28           |

**Notes:**

1. Boring locations are shown on Figure 3A.
2. Figure coordinates correspond to coordinate system shown on Figure 3A.
3. The soil classification descriptions identified in the table represent the predominant soil type for the respective intervals.
4. mg/kg = milligrams/kilograms (equivalent to ppm = parts per million).
5. --- indicates that the information is not available.
6. Duplicate results are presented in brackets.
7. B - Compound was found in the blank and sample.
8. J - The detected concentration is an estimated value.
9. U - Result edited to reflect non-detect by data validation company due to presence of cadmium in the associated preparation blank at similar concentrations.
10. < - Analyte not detected at the reporting limit shown.
11. NA = Not analyzed.
12. Samples were inadvertently disposed of prior to analysis and no results are available.
13. After three attempts, the sampling personnel were unable to advance the equipment through the sampling depth, and the soil sample was not collected.

**Table 1B**  
**Summary of Soil Classification and Analytical Data<sup>1</sup>**  
**West Branch of Bloody Brook**  
**Bloody Brook Voluntary Cleanup Program**  
**Onondaga County, New York**

| Boring ID | Figure Coordinates <sup>2</sup> | Sampling Interval | Analyte | Surface Elevation (ft) | Brook Elevation (ft) | Sample Elevation at Bottom of Interval (ft) | Sample Relation to Brook Level | General Soil Classification <sup>3</sup> | Collection Date | Result (mg/kg)  |
|-----------|---------------------------------|-------------------|---------|------------------------|----------------------|---|--------------------------------|--|-----------------|-----------------|
| B-6       | E29                             | 0.80' - 1.5'      | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 11/24/2003      | 0.97            |
|           |                                 | 1.5' - 7.5'       | Cadmium |                        | ---                  | ---   | ---                            | ---                                      | 11/24/2003      | <0.59           |
| B-7       | D29                             | 0' - 1.5'         | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 11/24/2003      | 2               |
|           |                                 | 1.5' - 10'        | Cadmium |                        | ---                  | ---   | ---                            | ---                                      | 11/24/2003      | 2.5             |
| B-8       | E28                             | 0' - 2.5'         | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 11/24/2003      | 0.72            |
|           |                                 | 2.5' - 10'        | Cadmium |                        | ---                  | ---   | ---                            | ---                                      | 11/24/2003      | 0.93            |
| B-9       | F27                             | 0' - 1'           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 11/24/2003      | <0.62           |
|           |                                 | 1' - 10'          | Cadmium |                        | ---                  | ---   | ---                            | ---                                      | 11/24/2003      | <0.57           |
| B-10      | F22                             | 0' - 1.5'         | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 11/25/2003      | 7               |
|           |                                 | 1.5' - 10'        | Cadmium |                        | ---                  | ---   | ---                            | ---                                      | 11/25/2003      | 0.95            |
| DI-04-01  | F17                             | 0' - 1'           | Cadmium | 377.21                 | 369.96               | 376.21                                      | Above                          | Silt with little clay & little sand      | 4/25/2011       | 1.7             |
|           |                                 | 1' - 2'           | Cadmium |                        | 369.96               | 375.21                                      | Above                          | Silt with little clay & little sand      | 4/25/2011       | NA              |
|           |                                 | 2' - 3'           | Cadmium |                        | 369.96               | 374.21                                      | Above                          | Silty clay with some fine sand           | 4/25/2011       | NA              |
|           |                                 | 3' - 4'           | Cadmium |                        | 369.96               | 373.21                                      | Above                          | Silty clay with some fine sand           | 4/25/2011       | NA              |
|           |                                 | 4' - 5'           | Cadmium |                        | 369.96               | 372.21                                      | Above                          | Clay with some silt & little fine sand   | 4/25/2011       | NA              |
|           |                                 | 5' - 6'           | Cadmium |                        | 369.96               | 371.21                                      | Above                          | Silty clay with some fine sand           | 4/25/2011       | 0.29            |
|           |                                 | 6' - 7'           | Cadmium |                        | 369.96               | 370.21                                      | At                             | Clay with little silt (organics)         | 4/25/2011       | 1.4             |
|           |                                 | 7' - 8'           | Cadmium |                        | 369.96               | 369.21                                      | Below                          | Clay with little silt (organics)         | 4/25/2011       | 332             |
|           |                                 | 8' - 9'           | Cadmium |                        | 369.96               | 368.21                                      | Below                          | Clay with little silt (organics)         | 4/25/2011       | 0.98            |
| DI-06-01  | F18                             | 0' - 1'           | Cadmium | 375.82                 | 369.18               | 374.82                                      | Above                          | Fine sand with little silt               | 4/25/2011       | 1.4             |
|           |                                 | 1' - 2'           | Cadmium |                        | 369.18               | 373.82                                      | Above                          | Fine sand with little silt               | 4/25/2011       | 0.19 J          |
|           |                                 | 2' - 3'           | Cadmium |                        | 369.18               | 372.82                                      | Above                          | Silt with some fine sand & trace clay    | 4/25/2011       | 0.24            |
|           |                                 | 3' - 4'           | Cadmium |                        | 369.18               | 371.82                                      | Above                          | Silt with some fine sand & trace clay    | 4/25/2011       | 0.25            |
|           |                                 | 4' - 5'           | Cadmium |                        | 369.18               | 370.82                                      | Above                          | Silt with some fine sand & trace clay    | 4/25/2011       | 0.47            |
|           |                                 | 5' - 6'           | Cadmium |                        | 369.18               | 369.82                                      | Above                          | Silt with little sand & little clay      | 4/25/2011       | 10.5            |
|           |                                 | 6' - 7'           | Cadmium |                        | 369.18               | 368.82                                      | At                             | Silt with little sand & little clay      | 4/25/2011       | 0.48            |
|           |                                 | 7' - 8'           | Cadmium |                        | 369.18               | 367.82                                      | Below                          | Gray clay at 7'-8"                       | 4/25/2011       | <0.26 U         |
| DI-06-02  | F18                             | 0' - 1'           | Cadmium | 376.21                 | 369.98               | 375.21                                      | Above                          | Silty fine sand with organics            | 4/25/2011       | NA              |
|           |                                 | 1' - 2'           | Cadmium |                        | 369.98               | 374.21                                      | Above                          | Silty fine sand with organics            | 4/25/2011       | NA              |
|           |                                 | 2' - 3'           | Cadmium |                        | 369.98               | 373.21                                      | Above                          | Sandy silt with little clay              | 4/25/2011       | NA              |
|           |                                 | 3' - 4'           | Cadmium |                        | 369.98               | 372.21                                      | Above                          | Silt with little clay                    | 4/25/2011       | NA              |
|           |                                 | 4' - 5'           | Cadmium |                        | 369.98               | 371.21                                      | Above                          | Silt with little clay                    | 4/25/2011       | 0.20 J          |
|           |                                 | 5' - 6'           | Cadmium |                        | 369.98               | 370.21                                      | At                             | Silt with little clay                    | 4/25/2011       | 3.2             |
|           |                                 | 6' - 7'           | Cadmium |                        | 369.98               | 369.21                                      | Below                          | Silt with little clay                    | 4/25/2011       | 0.26 J          |
|           |                                 | 7' - 8'           | Cadmium |                        | 369.98               | 368.21                                      | Below                          | Clayey silt at 7'-8"                     | 4/25/2011       | NA              |
| DI-07-01  | F20                             | 0' - 1'           | Cadmium | ---                    | ---                  | ---   | ---                            | Silt & sand/gravel & organics            | 8/14/2009       | 28.8 J          |
|           |                                 | 1' - 2'           | Cadmium |                        | ---                  | ---   | ---                            | Silty clay/gravel                        | 8/14/2009       | 32.2 J [36.1 J] |
|           |                                 | 2' - 3'           | Cadmium |                        | ---                  | ---   | ---                            | Silt & sand                              | 8/14/2009       | 20.7 J          |
|           |                                 | 3' - 4'           | Cadmium |                        | ---                  | ---   | ---                            | Silt & clay                              | 8/14/2009       | 1.16 J          |
| DI-07-02  | F20                             | 0' - 1'           | Cadmium | ---                    | ---                  | ---   | ---                            | Silty clay/gravel & organics             | 8/14/2009       | 32.4 J          |
|           |                                 | 1' - 2'           | Cadmium |                        | ---                  | ---   | ---                            | Silt & clay/gravel                       | 8/14/2009       | 5.98 J          |
|           |                                 | 2' - 3'           | Cadmium |                        | ---                  | ---   | ---                            | Silt & clay/gravel                       | 8/14/2009       | 10.8 J          |
|           |                                 | 3' - 4'           | Cadmium |                        | ---                  | ---   | ---                            | Silt & sand/clay                         | 8/14/2009       | 12.1 J          |
|           |                                 | 4' - 5'           | Cadmium |                        | ---                  | ---   | ---                            | Silt & sand/clay                         | 8/14/2009       | 6.11 J          |
|           |                                 | 5' - 6'           | Cadmium |                        | ---                  | ---   | ---                            | Silt & sand/clay                         | 8/14/2009       | 5.25 J          |
| DI-07-03  | F20                             | 0' - 1'           | Cadmium | ---                    | ---                  | ---   | ---                            | Silt & clay/gravel & organics            | 8/14/2009       | 0.422           |
|           |                                 | 1' - 2'           | Cadmium |                        | ---                  | ---   | ---                            | Silt & clay                              | 8/14/2009       | 0.535           |
|           |                                 | 2' - 3'           | Cadmium |                        | ---                  | ---   | ---                            | Silt & clay                              | 8/14/2009       | 7.38            |
|           |                                 | 3' - 4'           | Cadmium |                        | ---                  | ---   | ---                            | Silty clay                               | 8/14/2009       | 3.39            |
|           |                                 | 4' - 5'           | Cadmium |                        | ---                  | ---   | ---                            | Silt & sand/clay & gravel                | 8/14/2009       | 5.06            |
|           |                                 | 5' - 6'           | Cadmium |                        | ---                  | ---   | ---                            | Silt & clay                              | 8/14/2009       | 73              |
|           |                                 | 6' - 7'           | Cadmium |                        | ---                  | ---   | ---                            | Silty clay/sand                          | 8/14/2009       | <0.267          |
|           |                                 | 7' - 8'           | Cadmium |                        | ---                  | ---   | ---                            | Silt & 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-08-01  | F21                             | 0' - 1'           | Cadmium | 376.77                 | 367.59               | 375.77                                      | Above                          | Clayey silt, sand                        | 4/26/2011       | 0.25            |
|           |                                 | 1' - 2'           | Cadmium |                        | 367.59               | 374.77                                      | Above                          | Sand, silty clay                         | 4/26/2011       | 0.24            |
|           |                                 | 2' - 3'           | Cadmium |                        | 367.59               | 373.77                                      | Above                          | Silty clay                               | 4/26/2011       | 0.38            |
|           |                                 | 3' - 4'           | Cadmium |                        | 367.59               | 372.77                                      | Above                          | Silty clay                               | 4/26/2011       | 0.10 J          |
|           |                                 | 4' - 5'           | Cadmium |                        | 367.59               | 371.77                                      | Above                          | Clayey silt, silty clay                  | 4/26/2011       | 5.6             |
|           |                                 | 5' - 6'           | Cadmium |                        | 367.59               | 370.77                                      | Above                          | Silty clay, clayey silt                  | 4/26/2011       | 1.0             |

**Table 1B**  
**Summary of Soil Classification and Analytical Data<sup>1</sup>**  
**West Branch of Bloody Brook**  
**Bloody Brook Voluntary Cleanup Program**  
**Onondaga County, New York**

| Boring ID | Figure Coordinates <sup>2</sup> | Sampling Interval | Analyte | Surface Elevation (ft) | Brook Elevation (ft) | Sample Elevation at Bottom of Interval (ft) | Sample Relation to Brook Level | General Soil Classification <sup>3</sup>        | Collection Date | Result (mg/kg)        |
|-----------|---------------------------------|-------------------|---------|------------------------|----------------------|---|--------------------------------|---|-----------------|-----------------------|
| DI-09-01  | F21                             | 0 - 1'            | Cadmium | ---                    | ---                  | ---   | ---                            | Sand & Silt, trace organics & gravel            | 9/21/2009       | 0.601                 |
|           |                                 | 1 - 2'            | Cadmium |                        | ---                  | ---   | ---                            | Sand & silt, trace organics & gravel            | 9/21/2009       | 0.270                 |
|           |                                 | 2 - 3'            | Cadmium |                        | ---                  | ---   | ---                            | Sand & silt, trace organics & gravel            | 9/21/2009       | 5.74                  |
|           |                                 | 3 - 4'            | Cadmium |                        | ---                  | ---   | ---                            | Silt & sand, trace gravel                       | 9/21/2009       | 0.246                 |
|           |                                 | 4 - 5'            | Cadmium |                        | ---                  | ---   | ---                            | Sand & silt                                     | 9/21/2009       | 0.254                 |
|           |                                 | 5 - 6'            | Cadmium |                        | ---                  | ---   | ---                            | Silt & sand, trace gravel                       | 9/21/2009       | 4.21                  |
|           |                                 | 6 - 7'            | Cadmium |                        | ---                  | ---   | ---                            | Silt  | 9/21/2009       | 9.12                  |
| DI-09-02  | F21                             | 0 - 1'            | Cadmium | ---                    | ---                  | ---   | ---                            | Sand & silt, organics                           | 9/21/2009       | 3.45                  |
|           |                                 | 1 - 2'            | Cadmium |                        | ---                  | ---   | ---                            | Sand & silt, organics                           | 9/21/2009       | 10.7                  |
|           |                                 | 2 - 3'            | Cadmium |                        | ---                  | ---   | ---                            | Sand & silt, organics & trace clay              | 9/21/2009       | 0.982                 |
|           |                                 | 3 - 4'            | Cadmium |                        | ---                  | ---   | ---                            | Silt & sand, trace organics                     | 9/21/2009       | 0.77                  |
|           |                                 | 4 - 5'            | Cadmium |                        | ---                  | ---   | ---                            | Silt & sand, trace organics                     | 9/21/2009       | 9.40                  |
|           |                                 | 5 - 6'            | Cadmium |                        | ---                  | ---   | ---                            | Silty clay & fine sand                          | 9/21/2009       | 5.76                  |
|           |                                 | 6 - 7'            | Cadmium |                        | ---                  | ---   | ---                            | Fine sand & silt                                | 9/21/2009       | 3.55                  |
| DI-09-03  | G21                             | 0' - 1'           | Cadmium | 375.67                 | 367.69               | 374.67                                      | Above                          | Silt, silty sand, trace gravel                  | 4/25/2011       | 0.98                  |
|           |                                 | 1' - 2'           | Cadmium |                        | 367.69               | 373.67                                      | Above                          | Silty sand, silt, clay, trace gravel            | 4/25/2011       | 6.6                   |
| DI-09-04  | G21                             | 0' - 1'           | Cadmium | 376.02                 | 367.29               | 375.02                                      | Above                          | Silty clay, clay                                | 4/25/2011       | 0.72                  |
|           |                                 | 1' - 2'           | Cadmium |                        | 367.29               | 374.02                                      | Above                          | Silty clay                                      | 4/25/2011       | 0.72                  |
| DI-10-01  | G22                             | 0' - 1'           | Cadmium | 373.62                 | 366.48               | 372.62                                      | Above                          | Silty clay, clayey silt                         | 4/25/2011       | 5.5 B                 |
|           |                                 | 1' - 2'           | Cadmium |                        | 366.48               | 371.62                                      | Above                          | Silty clay, clay                                | 4/25/2011       | 2.4 B                 |
| DI-11-01  | F22                             | 0' - 1'           | Cadmium | ---                    | ---                  | ---   | ---                            | Silt & sand/ organics & gravel                  | 8/14/2009       | 7.21                  |
|           |                                 | 1' - 2'           | Cadmium |                        | ---                  | ---   | ---                            | Silt with sand/organics & clay                  | 8/14/2009       | 6.38                  |
|           |                                 | 2' - 3'           | Cadmium |                        | ---                  | ---   | ---                            | Silt with sand/clay & gravel                    | 8/14/2009       | 3.76                  |
|           |                                 | 3' - 4'           | Cadmium |                        | ---                  | ---   | ---                            | Silt with sand/clay & gravel                    | 8/14/2009       | 49                    |
| DI-11-02  | F22                             | 0' - 1'           | Cadmium | ---                    | ---                  | ---   | ---                            | Silt with gravel/organics                       | 8/14/2009       | 0.431 [0.276]         |
|           |                                 | 1' - 2'           | Cadmium |                        | ---                  | ---   | ---                            | Silt with clay/gravel & 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  | F22                             | 0' - 1'           | Cadmium | ---                    | ---                  | ---   | ---                            | Silt & clay/organics & gravel                   | 8/14/2009       | <0.261                |
|           |                                 | 1' - 2'           | Cadmium |                        | ---                  | ---   | ---                            | Silt & clay/organics & 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-13-01  | F27                             | 0' - 1'           | Cadmium | 371.26                 | 364.09               | 370.26                                      | Above                          | Fine sand, some gravel, organics                | 8/23/2011       | 1.4                   |
|           |                                 | 1' - 2'           | Cadmium |                        | 364.09               | 369.26                                      | Above                          | Fine sand, some gravel, organics                | 8/23/2011       | 2.7                   |
|           |                                 | 2' - 3'           | Cadmium |                        | 364.09               | 368.26                                      | Above                          | Fine sand, little silt, trace gravel            | 8/23/2011       | 0.30                  |
|           |                                 | 3' - 4'           | Cadmium |                        | 364.09               | 367.26                                      | Above                          | Silty fine sand - silt increasing with depth    | 8/23/2011       | 0.35                  |
|           |                                 | 4' - 5'           | Cadmium |                        | 364.09               | 366.26                                      | Above                          | Sandy silt to 4'-6" then silty clay             | 8/23/2011       | 0.19 J [0.14 J]       |
|           |                                 | 5' - 6'           | Cadmium |                        | 364.09               | 365.26                                      | Above                          | Clay, trace silt                                | 8/23/2011       | 0.22 J                |
|           |                                 | 6' - 7'           | Cadmium |                        | 364.09               | 364.26                                      | At                             | Clay, trace silt                                | 8/23/2011       | 0.16 J                |
| DI-13-02  | F27                             | 0' - 1'           | Cadmium | 371.67                 | 364.09               | 370.67                                      | Above                          | Fine sand, little gravel, trace silt (organics) | 8/23/2011       | 4.6                   |
|           |                                 | 1' - 2'           | Cadmium |                        | 364.09               | 369.67                                      | Above                          | Fine sand, some gravel, little silt (organics)  | 8/23/2011       | 2.3                   |
|           |                                 | 2' - 3'           | Cadmium |                        | 364.09               | 368.67                                      | Above                          | Fine sand, little silt, trace gravel            | 8/23/2011       | 0.38                  |
|           |                                 | 3' - 4'           | Cadmium |                        | 364.09               | 367.67                                      | Above                          | Silty sand, trace clay (mottling), trace gravel | 8/23/2011       | 0.30                  |
|           |                                 | 4' - 5'           | Cadmium |                        | 364.09               | 366.67                                      | Above                          | ---   | Refusal         | Refusal <sup>12</sup> |
|           |                                 | 5' - 6'           | Cadmium |                        | 364.09               | 365.67                                      | Above                          | ---   | Refusal         | Refusal <sup>12</sup> |
|           |                                 | 6' - 7'           | Cadmium |                        | 364.09               | 364.67                                      | Above                          | ---   | Refusal         | Refusal <sup>12</sup> |
| DI-13-03  | F27                             | 0' - 1'           | Cadmium | 372.25                 | 364.09               | 371.25                                      | Above                          | Fine sand, some gravel, organics                | 8/23/2011       | 0.91                  |
|           |                                 | 1' - 2'           | Cadmium |                        | 364.09               | 370.25                                      | Above                          | Fine sand, some gravel                          | 8/23/2011       | 0.072 J               |
|           |                                 | 2' - 3'           | Cadmium |                        | 364.09               | 369.25                                      | Above                          | Fine sand, some gravel, organics                | 8/23/2011       | 0.25                  |
|           |                                 | 3' - 4'           | Cadmium |                        | 364.09               | 368.25                                      | Above                          | Fine sand, some gravel, organics                | 8/23/2011       | 0.11 J                |
|           |                                 | 4' - 5'           | Cadmium |                        | 364.09               | 367.25                                      | Above                          | Clayey silt, increasing clay with depth         | 8/23/2011       | 5.8                   |
|           |                                 | 5' - 6'           | Cadmium |                        | 364.09               | 366.25                                      | Above                          | Silty clay to 5'-8" then silt                   | 8/23/2011       | 1.1                   |
|           |                                 | 6' - 7'           | Cadmium |                        | 364.09               | 365.25                                      | Above                          | Clayey silt                                     | 8/23/2011       | <0.22                 |

**Table 1B**  
**Summary of Soil Classification and Analytical Data<sup>1</sup>**  
**West Branch of Bloody Brook**  
**Bloody Brook Voluntary Cleanup Program**  
**Onondaga County, New York**

| Boring ID | Figure Coordinates <sup>2</sup> | Sampling Interval | Analyte | Surface Elevation (ft) | Brook Elevation (ft) | Sample Elevation at Bottom of Interval (ft) | Sample Relation to Brook Level | General Soil Classification <sup>3</sup>                               | Collection Date | Result (mg/kg)  |
|-----------|---------------------------------|-------------------|---------|------------------------|----------------------|---|--------------------------------|--|-----------------|-----------------|
| DI-14-01  | E27                             | 0' - 1'           | Cadmium | 373.33                 | 364.23               | 372.33                                      | Above                          | Sand, some gravel, trace silt  | 8/23/2011       | 0.50            |
|           |                                 | 1' - 2'           | Cadmium |                        | 364.23               | 371.33                                      | Above                          | Sand, some gravel, some silt   | 8/23/2011       | 0.14 J [0.40]   |
|           |                                 | 2' - 3'           | Cadmium |                        | 364.23               | 370.33                                      | Above                          | Sand, some gravel, some silt, trace clay                               | 8/23/2011       | 0.15 J          |
|           |                                 | 3' - 4'           | Cadmium |                        | 364.23               | 369.33                                      | Above                          | Sand, some gravel, trace silt  | 8/23/2011       | 0.045 J         |
|           |                                 | 4' - 5'           | Cadmium |                        | 364.23               | 368.33                                      | Above                          | Sand, some gravel, trace silt to 4'-6" then silt, trace clay           | 8/23/2011       | 5.3             |
|           |                                 | 5' - 6'           | Cadmium |                        | 364.23               | 367.33                                      | Above                          | Silt with organics, trace clay   | 8/23/2011       | 78.1            |
|           |                                 | 6' - 7'           | Cadmium |                        | 364.23               | 366.33                                      | Above                          | Silt with less organics, trace clay                                    | 8/23/2011       | 0.42            |
|           |                                 | 0' - 1'           | Cadmium |                        | 364.24               | 372.82                                      | Above                          | Coarse to fine sand, some gravel, trace silt                           | 8/23/2011       | NA              |
| DI-14-02  | E27                             | 1' - 2'           | Cadmium | 373.82                 | 364.24               | 371.82                                      | Above                          | Coarse to fine sand, some gravel, trace silt                           | 8/23/2011       | NA              |
|           |                                 | 2' - 3'           | Cadmium |                        | 364.24               | 370.82                                      | Above                          | Coarse to fine sand, some gravel, trace silt                           | 8/23/2011       | NA              |
|           |                                 | 3' - 4'           | Cadmium |                        | 364.24               | 369.82                                      | Above                          | Sandy gravel, trace silt   | 8/23/2011       | NA              |
|           |                                 | 4' - 5'           | Cadmium |                        | 364.24               | 368.82                                      | Above                          | Sand, some gravel, trace silt  | 8/23/2011       | 0.058 J         |
|           |                                 | 5' - 6'           | Cadmium |                        | 364.24               | 367.82                                      | Above                          | Sand, some gravel, trace silt to 5'-6" then silt, organics, trace clay | 8/23/2011       | 4.9 J           |
|           |                                 | 6' - 7'           | Cadmium |                        | 364.24               | 366.82                                      | Above                          | Silt, organics, trace clay   | 8/23/2011       | 4.6 J           |
|           |                                 | 7' - 8'           | Cadmium |                        | 364.24               | 365.82                                      | Above                          | Clayey silt, trace fine sand   | 8/23/2011       | 0.52 J          |
|           |                                 | 0' - 1'           | Cadmium | 372.6                  | 364.55               | 371.6                                       | Above                          | Silty sand, little gravel, trace clay                                  | 8/22/2011       | 0.62            |
| DI-15-01  | C30                             | 1' - 2'           | Cadmium |                        | 364.55               | 370.6                                       | Above                          | Silty sand, little gravel, trace clay                                  | 8/22/2011       | 15.2            |
|           |                                 | 2' - 3'           | Cadmium |                        | 364.55               | 369.6                                       | Above                          | Silty sand, little gravel, trace clay                                  | 8/22/2011       | 18              |
|           |                                 | 3' - 4'           | Cadmium |                        | 364.55               | 368.6                                       | Above                          | Silty sand, little gravel, trace clay                                  | 8/22/2011       | 4.9             |
|           |                                 | 4' - 5'           | Cadmium |                        | 364.55               | 367.6                                       | Above                          | Silt, trace clay   | 8/22/2011       | 0.27            |
|           |                                 | 5' - 6'           | Cadmium |                        | 364.55               | 366.6                                       | Above                          | Silt, little clay  | 8/22/2011       | 0.21 J          |
|           |                                 | 6' - 7'           | Cadmium |                        | 364.55               | 365.6                                       | Above                          | Silt, little clay  | 8/22/2011       | 0.19 J          |
|           |                                 | 0' - 1'           | Cadmium |                        | 364.55               | 371.62                                      | Above                          | Silty sand & gravel, trace clay  | 8/22/2011       | 2.5             |
| DI-15-02  | C30                             | 1' - 2'           | Cadmium | 372.62                 | 364.55               | 370.62                                      | Above                          | Silty sand & gravel, trace clay  | 8/22/2011       | 3.7             |
|           |                                 | 2' - 3'           | Cadmium |                        | 364.55               | 369.62                                      | Above                          | Sandy silt with little gravel, trace clay                              | 8/22/2011       | 2.3             |
|           |                                 | 3' - 4'           | Cadmium |                        | 364.55               | 368.62                                      | Above                          | Sandy silt with little gravel, trace clay                              | 8/22/2011       | 2.9             |
|           |                                 | 4' - 5'           | Cadmium |                        | 364.55               | 367.62                                      | Above                          | Silt, little clay (green & red mottling)                               | 8/22/2011       | 1.5             |
|           |                                 | 5' - 6'           | Cadmium |                        | 364.55               | 366.62                                      | Above                          | Silt, little clay  | 8/22/2011       | 0.26 [0.20 J]   |
|           |                                 | 6' - 7'           | Cadmium |                        | 364.55               | 365.62                                      | Above                          | Silt, little clay  | 8/22/2011       | 0.14 J          |
|           |                                 | 0 - 1'            | Cadmium | ---                    | ---                  | ---   | ---                            | Silt, organics and gravel  | 9/21/2009       | 0.276 [0.215 J] |
| DI-32A-01 | F20                             | 1 - 2'            | Cadmium |                        | ---                  | ---   | ---                            | Sand & silt, gravel  | 9/21/2009       | 1.72            |
|           |                                 | 2 - 3'            | Cadmium |                        | ---                  | ---   | ---                            | Sand & silt, gravel  | 9/21/2009       | 4.71            |
|           |                                 | 3 - 4'            | Cadmium |                        | ---                  | ---   | ---                            | Sand & silt, gravel  | 9/21/2009       | 0.591           |
|           |                                 | 4 - 5'            | Cadmium |                        | ---                  | ---   | ---                            | Sand & silt, gravel  | 9/21/2009       | 78.6            |
|           |                                 | 5 - 6'            | Cadmium |                        | ---                  | ---   | ---                            | Sand & silt, gravel  | 9/21/2009       | 6.53            |
|           |                                 | 0 - 1'            | Cadmium |                        | ---                  | ---   | ---                            | Sand & silt, organics  | 9/21/2009       | 0.444           |
| DI-32C-01 | F21                             | 1 - 2'            | Cadmium | ---                    | ---                  | ---   | ---                            | Sand & silt, gravel  | 9/21/2009       | 1.19            |
|           |                                 | 2 - 3'            | Cadmium |                        | ---                  | ---   | ---                            | Sand & 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          |
|           |                                 | 0 - 1'            | Cadmium | ---                    | ---                  | ---   | ---                            | Sand & silt, organics  | 9/21/2009       | 0.460           |
| DI-32C-02 | F21                             | 1 - 2'            | Cadmium |                        | ---                  | ---   | ---                            | Sand & silt, organics  | 9/21/2009       | 1.32            |
|           |                                 | 2 - 3'            | Cadmium |                        | ---                  | ---   | ---                            | Silt & sand, trace clay  | 9/21/2009       | 0.164 J         |
|           |                                 | 0' - 1'           | Cadmium | ---                    | ---                  | ---   | ---                            | Gravel/silt and sand   | 8/11/2009       | 2.26            |
| DI-33-01  | G23                             | 1' - 2'           | Cadmium |                        | ---                  | --  | --                             | Silty clay with gravel   | 8/11/2009       | 2.48            |
|           |                                 | 2' - 3'           | Cadmium |                        | ---                  | --  | --                             | Silty clay with gravel   | 8/11/2009       | 2.05 [2.74]     |
|           |                                 | 3' - 4'           | Cadmium |                        | ---                  | --  | --                             | Silty clay with gravel/organics  | 8/11/2009       | 3.95            |
|           |                                 | 4' - 5'           | Cadmium |                        | ---                  | --  | --                             | Silty clay with gravel/organics  | 8/11/2009       | 2.73            |
|           |                                 | 0' - 1'           | Cadmium | 371.98                 | 365.46               | 370.98                                      | Above                          | Fine sandy silt, trace clay & organics                                 | 8/24/2011       | 22.0            |
| DI-34-01  | G24                             | 1' - 2'           | Cadmium |                        | 365.46               | 369.98                                      | Above                          | Sandy silt, trace clay   | 8/24/2011       | 101             |
|           |                                 | 2' - 3'           | Cadmium |                        | 365.46               | 368.98                                      | Above                          | Sandy silt, trace clay   | 8/24/2011       | 5.0             |
|           |                                 | 3' - 4'           | Cadmium |                        | 365.46               | 367.98                                      | Above                          | Silt   | 8/24/2011       | 0.51            |
|           |                                 | 0' - 1'           | Cadmium |                        | 365.46               | 371.31                                      | Above                          | Silt, some fine sand, little clay                                      | 8/24/2011       | 48.2 J          |
| DI-34-02  | G24                             | 1' - 2'           | Cadmium | 372.31                 | 365.46               | 370.31                                      | Above                          | Silt, little fine sand, little clay                                    | 8/24/2011       | 8.8 J           |
|           |                                 | 2' - 3'           | Cadmium |                        | 365.46               | 369.31                                      | Above                          | Silt, little to trace clay   | 8/24/2011       | 23.2 J          |
|           |                                 | 3' - 4'           | Cadmium |                        | 365.46               | 368.31                                      | Above                          | Silt, little fine sand, little clay                                    | 8/24/2011       | 15.6 J          |

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| Boring ID | Figure Coordinates <sup>2</sup> | Sampling Interval | Analyte | Surface Elevation (ft) | Brook Elevation (ft) | Sample Elevation at Bottom of Interval (ft) | Sample Relation to Brook Level | General Soil Classification <sup>3</sup>                   | Collection Date | Result (mg/kg)        |
|-----------|---------------------------------|-------------------|---------|------------------------|----------------------|---|--------------------------------|--|-----------------|-----------------------|
| DI-45-01  | F19                             | 0' - 1'           | Cadmium | 375.04                 | 369.27               | 374.04                                      | Above                          | Clay, silty clay   | 4/25/2011       | 3.6                   |
|           |                                 | 1' - 2'           | Cadmium |                        | 369.27               | 373.04                                      | Above                          | Clay, silty clay, fine sand                                | 4/25/2011       | 0.33                  |
|           |                                 | 2' - 3'           | Cadmium |                        | 369.27               | 372.04                                      | Above                          | Clay, silty clay, silt, trace fine sand                    | 4/25/2011       | 0.62                  |
|           |                                 | 3' - 4'           | Cadmium |                        | 369.27               | 371.04                                      | Above                          | Clay, silty clay, organics                                 | 4/25/2011       | 530                   |
|           |                                 | 4' - 5'           | Cadmium |                        | 369.27               | 370.04                                      | Above                          | Clay, silty clay, occasional roots                         | 4/25/2011       | 4.5                   |
|           |                                 | 5' - 6'           | Cadmium |                        | 369.27               | 369.04                                      | At                             | Clay, clayey silt, silt, sandy silt                        | 4/25/2011       | 2.8                   |
|           |                                 | 6' - 7'           | Cadmium |                        | 369.27               | 368.04                                      | Below                          | Clayey silt, clay, sandy silt                              | 4/25/2011       | 9.5                   |
|           |                                 | 7' - 8'           | Cadmium |                        | 369.27               | 367.04                                      | Below                          | Clay   | 4/25/2011       | 0.58                  |
|           |                                 | 0' - 1'           | Cadmium | 375.66                 | 369.27               | 374.66                                      | Above                          | Clay   | 4/25/2011       | 4.1                   |
| DI-45-02  | F19                             | 1' - 2'           | Cadmium |                        | 369.27               | 373.66                                      | Above                          | Clay, silty clay   | 4/25/2011       | 1.9                   |
|           |                                 | 2' - 3'           | Cadmium |                        | 369.27               | 372.66                                      | Above                          | Clay, silty clay   | 4/25/2011       | 2.5                   |
|           |                                 | 3' - 4'           | Cadmium |                        | 369.27               | 371.66                                      | Above                          | Clay, silty clay   | 4/25/2011       | 2.6                   |
|           |                                 | 0' - 1'           | Cadmium | 376.01                 | 369.27               | 375.01                                      | Above                          | Clay, silty clay   | 4/25/2011       | 0.50                  |
| DI-45-03  | F19                             | 1' - 2'           | Cadmium |                        | 369.27               | 374.01                                      | Above                          | Clay, silty clay   | 4/25/2011       | 0.21 J                |
| DI-46-01  | F21                             | 0' - 1'           | Cadmium | 377.47                 | 367.00               | 376.47                                      | Above                          | Clayey silt, silty clay, trace gravel                      | 4/27/2011       | 3.6                   |
|           |                                 | 1' - 2'           | Cadmium |                        | 367.00               | 375.47                                      | Above                          | Silty clay, clayey silt, gravel                            | 4/27/2011       | 0.83                  |
| DI-46-02  | F21                             | 0' - 1'           | Cadmium | 377.39                 | 367.00               | 376.39                                      | Above                          | Clayey silt, silty clay, fine to coarse gravel             | 4/27/2011       | 0.79                  |
|           |                                 | 1' - 2'           | Cadmium |                        | 367.00               | 375.39                                      | Above                          | Fine to coarse gravel, silty clay                          | 4/27/2011       | 0.70                  |
| DI-47-01  | F21                             | 0' - 1'           | Cadmium | 377.02                 | 366.91               | 376.02                                      | Above                          | Clayey silt with little fine sand                          | 4/26/2011       | 2.2                   |
|           |                                 | 1' - 2'           | Cadmium |                        | 366.91               | 375.02                                      | Above                          | Clayey silt with little fine sand                          | 4/26/2011       | 2.6                   |
|           |                                 | 2' - 3'           | Cadmium |                        | 366.91               | 374.02                                      | Above                          | ---  | Refusal         | Refusal <sup>12</sup> |
|           |                                 | 3' - 4'           | Cadmium |                        | 366.91               | 373.02                                      | Above                          | ---  | Refusal         | Refusal <sup>12</sup> |
| DI-47-02  | F21                             | 0' - 1'           | Cadmium | 377.87                 | 366.91               | 376.87                                      | Above                          | ---  | Refusal         | Refusal <sup>12</sup> |
|           |                                 | 1' - 2'           | Cadmium |                        | 366.91               | 375.87                                      | Above                          | ---  | Refusal         | Refusal <sup>12</sup> |
|           |                                 | 2' - 3'           | Cadmium |                        | 366.91               | 374.87                                      | Above                          | ---  | Refusal         | Refusal <sup>12</sup> |
|           |                                 | 3' - 4'           | Cadmium |                        | 366.91               | 373.87                                      | Above                          | ---  | Refusal         | Refusal <sup>12</sup> |
| DI-47-03  | F21                             | 0' - 1'           | Cadmium | 377.58                 | 366.91               | 376.58                                      | Above                          | Clayey silt with little fine sand, trace gravel            | 4/26/2011       | 0.60                  |
|           |                                 | 1' - 2'           | Cadmium |                        | 366.91               | 375.58                                      | Above                          | Clayey silt with little fine sand, trace gravel, less clay | 4/26/2011       | 1.4                   |
| DI-48-01  | F21                             | 0' - 1'           | Cadmium | 373.27                 | 366.79               | 372.27                                      | Above                          | Silty clay, roots  | 4/25/2011       | 52.6 B                |
|           |                                 | 1' - 2'           | Cadmium |                        | 366.79               | 371.27                                      | Above                          | Silty clay with clay                                       | 4/25/2011       | 9.6 B                 |
|           |                                 | 2' - 3'           | Cadmium |                        | 366.79               | 370.27                                      | Above                          | Silty clay with clay                                       | 4/25/2011       | 6.5 B                 |
|           |                                 | 3' - 4'           | Cadmium |                        | 366.79               | 369.27                                      | Above                          | Clay with silty clay                                       | 4/25/2011       | 9.8 B                 |
| DI-48-02  | G21                             | 0' - 1'           | Cadmium | 373.67                 | 366.79               | 372.67                                      | Above                          | Clayey silt, sandy silt, silty sand                        | 4/25/2011       | 0.31                  |
|           |                                 | 1' - 2'           | Cadmium |                        | 366.79               | 371.67                                      | Above                          | Clayey silt  | 4/25/2011       | 0.095 J               |
|           |                                 | 2' - 3'           | Cadmium |                        | 366.79               | 370.67                                      | Above                          | Clayey silt, clay, wood                                    | 4/25/2011       | NA                    |
|           |                                 | 3' - 4'           | Cadmium |                        | 366.79               | 369.67                                      | Above                          | Clayey silt, clay, wood                                    | 4/25/2011       | NA                    |
| DI-49-01  | G23                             | 0' - 1'           | Cadmium | 372.96                 | 366.19               | 371.96                                      | Above                          | Clayey silt, clay, sandy silt                              | 4/25/2011       | 4.3 B                 |
|           |                                 | 1' - 2'           | Cadmium |                        | 366.19               | 370.96                                      | Above                          | Silty clay, clay   | 4/25/2011       | 1.7 B                 |
|           |                                 | 2' - 3'           | Cadmium |                        | 366.19               | 369.96                                      | Above                          | Clay, silty clay, little gravel                            | 4/25/2011       | 3.3 BJ [0.84 BJ]      |
|           |                                 | 3' - 4'           | Cadmium |                        | 366.19               | 368.96                                      | Above                          | Clay, silty clay   | 4/25/2011       | 1.7 B                 |
| DI-49-02  | G23                             | 0' - 1'           | Cadmium | 373.23                 | 366.18               | 372.23                                      | Above                          | Silty clay, clay, roots                                    | 4/25/2011       | 6.4                   |
|           |                                 | 1' - 2'           | Cadmium |                        | 366.18               | 371.23                                      | Above                          | Silty clay, clay, coarse gravel                            | 4/25/2011       | 6.8                   |
|           |                                 | 2' - 3'           | Cadmium |                        | 366.18               | 370.23                                      | Above                          | Silty clay, clay, gravel, wood & roots                     | 4/25/2011       | NA                    |
|           |                                 | 3' - 4'           | Cadmium |                        | 366.18               | 369.23                                      | Above                          | Clay, silty clay, trace gravel                             | 4/25/2011       | NA                    |
| DI-49-03  | G23                             | 0' - 1'           | Cadmium | 373.62                 | 366.18               | 372.62                                      | Above                          | Silty clay, clay, trace gravel                             | 4/25/2011       | 0.78                  |
|           |                                 | 1' - 2'           | Cadmium |                        | 366.18               | 371.62                                      | Above                          | Silty clay, clay, cobble                                   | 4/25/2011       | 10.7                  |
| DI-55-01  | G23                             | 0' - 1'           | Cadmium | 373.13                 | 366.19               | 372.13                                      | Above                          | Silty clay, clay   | 4/25/2011       | 2.6 B                 |
|           |                                 | 1' - 2'           | Cadmium |                        | 366.19               | 371.13                                      | Above                          | Clay   | 4/25/2011       | 1.5 B                 |
|           |                                 | 2' - 3'           | Cadmium |                        | 366.19               | 370.13                                      | Above                          | Clay, silty clay, clayey silt                              | 4/25/2011       | 30.5 B                |
|           |                                 | 3' - 4'           | Cadmium |                        | 366.19               | 369.13                                      | Above                          | Clayey silt, silt  | 4/25/2011       | 12.5 B                |
| DI-55-02  | F23                             | 0' - 1'           | Cadmium | 373.56                 | 366.21               | 372.56                                      | Above                          | Silty clay, clay, roots                                    | 4/25/2011       | 6.9                   |
|           |                                 | 1' - 2'           | Cadmium |                        | 366.21               | 371.56                                      | Above                          | Clay   | 4/25/2011       | 1.5                   |
|           |                                 | 2' - 3'           | Cadmium |                        | 366.21               | 370.56                                      | Above                          | Clay   | 4/25/2011       | 0.77                  |
|           |                                 | 3' - 4'           | Cadmium |                        | 366.21               | 369.56                                      | Above                          | Clay   | 4/25/2011       | 12.4                  |
| DI-55-03  | F23                             | 0' - 1'           | Cadmium | 374.18                 | 366.22               | 373.18                                      | Above                          | Clay, silty clay, roots                                    | 4/25/2011       | 0.52                  |
|           |                                 | 1' - 2'           | Cadmium |                        | 366.22               | 372.18                                      | Above                          | Silty clay, silt, trace gravel                             | 4/25/2011       | 1.0                   |
| DI-57-01  | G25                             | 0' - 1'           | Cadmium | 371.75                 | 365.18               | 370.75                                      | Above                          | Gravelly silt, little sand, trace clay                     | 8/24/2011       | 15.6                  |
|           |                                 | 1' - 2'           | Cadmium |                        | 365.18               | 372.18                                      | Above                          | Clayey silt  | 8/24/2011       | 0.30 J [1.4 J]        |
|           |                                 | 2' - 3'           | Cadmium |                        | 365.18               | 372.18                                      | Above                          | Clayey silt, clay increases with depth                     | 8/24/2011       | 1.8                   |
|           |                                 | 3' - 4'           | Cadmium |                        | 365.18               | 372.18                                      | Above                          | Gray clay  | 8/24/2011       | 2.8                   |

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| Boring ID   | Figure Coordinates <sup>2</sup> | Sampling Interval | Analyte | Surface Elevation (ft) | Brook Elevation (ft) | Sample Elevation at Bottom of Interval (ft) | Sample Relation to Brook Level | General Soil Classification <sup>3</sup>                 | Collection Date | Result (mg/kg)  |
|-------------|---------------------------------|-------------------|---------|------------------------|----------------------|---|--------------------------------|--|-----------------|-----------------|
| DI-57-02    | G25                             | 0' - 1'           | Cadmium | 371.67                 | 365.12               | 370.67                                      | Above                          | Sandy silt, some gravel, trace clay & organics           | 8/24/2011       | 26.3 J          |
|             |                                 | 1' - 2'           | Cadmium |                        | 365.12               | 372.18                                      | Above                          | Clayey silt, trace fine sand, trace organics             | 8/24/2011       | 24.1 J [41.0 J] |
|             |                                 | 2' - 3'           | Cadmium |                        | 365.12               | 372.18                                      | Above                          | Clayey silt, clay increases with depth                   | 8/24/2011       | 38.4 J          |
|             |                                 | 3' - 4'           | Cadmium |                        | 365.12               | 372.18                                      | Above                          | Clay, trace silt   | 8/24/2011       | 61.3 J          |
| DI-58-01    | F27                             | 0' - 1'           | Cadmium | 372.98                 | 364.31               | 371.98                                      | Above                          | Fine sand  | 8/23/2011       | 1.8             |
|             |                                 | 1' - 2'           | Cadmium |                        | 364.23               | 372.18                                      | Above                          | Fine sand, little silt                                   | 8/23/2011       | 10.1            |
| DI-58-02    | F27                             | 0' - 1'           | Cadmium | 372                    | 364.31               | 371   | Above                          | Silty sand   | 8/23/2011       | 17.9            |
|             |                                 | 1' - 2'           | Cadmium |                        | 364.31               | 372.18                                      | Above                          | Silty sand   | 8/23/2011       | 61.5            |
|             |                                 | 2' - 3'           | Cadmium |                        | 364.31               | 372.18                                      | Above                          | Silty sand, little clay                                  | 8/23/2011       | 23.1            |
|             |                                 | 3' - 4'           | Cadmium |                        | 364.31               | 372.18                                      | Above                          | Silty sand, some clay                                    | 8/23/2011       | 11.3            |
| DI-59-01    | G25                             | 0' - 1'           | Cadmium | 372.12                 | 365.22               | 371.12                                      | Above                          | Silt, little sand & clay                                 | 8/24/2011       | 31.7            |
|             |                                 | 1' - 2'           | Cadmium |                        | 365.22               | 372.18                                      | Above                          | Silt, little sand & clay                                 | 8/24/2011       | 3.4             |
|             |                                 | 2' - 3'           | Cadmium |                        | 365.22               | 372.18                                      | Above                          | Silt, little sand & clay                                 | 8/24/2011       | 3.1             |
|             |                                 | 3' - 4'           | Cadmium |                        | 365.22               | 372.18                                      | Above                          | Silt, little clay, trace sand, silt increases with depth | 8/24/2011       | 28.6            |
| DI-59-02    | G25                             | 0' - 1'           | Cadmium | 372.14                 | 365.16               | 371.14                                      | Above                          | Silty sand, trace clay                                   | 8/24/2011       | 83.7 J          |
|             |                                 | 1' - 2'           | Cadmium |                        | 365.16               | 372.18                                      | Above                          | Silty sand, little clay                                  | 8/24/2011       | 10.4 J          |
|             |                                 | 2' - 3'           | Cadmium |                        | 365.16               | 372.18                                      | Above                          | Silty sand, little clay                                  | 8/24/2011       | 14.3 J          |
|             |                                 | 3' - 4'           | Cadmium |                        | 365.16               | 372.18                                      | Above                          | Fine sand, silt, trace clay                              | 8/24/2011       | 11.0 J          |
| DI-SB-05-05 | F19                             | 0' - 1'           | Cadmium | 377.51                 | 368.32               | 376.51                                      | Above                          | Silty sand, trace clay                                   | 4/25/2011       | 0.94            |
|             |                                 | 1' - 2'           | Cadmium |                        | 368.32               | 375.51                                      | Above                          | Sandy silt   | 4/25/2011       | 0.24 [0.23]     |
|             |                                 | 2' - 3'           | Cadmium |                        | 368.32               | 374.51                                      | Above                          | Silty sand   | 4/25/2011       | <0.26 U         |
|             |                                 | 3' - 4'           | Cadmium |                        | 368.32               | 373.51                                      | Above                          | Fine sand with some gravel, trace silt                   | 4/25/2011       | 0.52 B          |
|             |                                 | 4' - 5'           | Cadmium |                        | 368.32               | 372.51                                      | Above                          | Grades to Sandy silt with little gravel                  | 4/25/2011       | 0.33 B          |
|             |                                 | 5' - 6'           | Cadmium |                        | 368.32               | 371.51                                      | Above                          | Sandy silt, trace gravel, trace clay                     | 4/25/2011       | 0.54 B          |
|             |                                 | 6' - 7'           | Cadmium |                        | 368.32               | 370.51                                      | Above                          | Sandy silt, trace gravel, trace clay                     | 4/25/2011       | 0.88 B          |
|             |                                 | 7' - 8'           | Cadmium |                        | 368.32               | 369.51                                      | Above                          | Clay, trace gravel at 7'                                 | 4/25/2011       | 1.0 B           |
| DI-SB-07-01 | B30                             | 0' - 1'           | Cadmium | 372.4                  | 364.42               | 371.4                                       | Above                          | Course sand, some silt, little gravel, trace clay        | 8/22/2011       | 0.93            |
|             |                                 | 1' - 2'           | Cadmium |                        | 364.42               | 370.4                                       | Above                          | Coarse sand, some silt, little gravel & clay             | 8/22/2011       | 1.4             |
|             |                                 | 2' - 3'           | Cadmium |                        | 364.42               | 369.4                                       | Above                          | Fine sandy silt, little to trace clay                    | 8/22/2011       | 0.061 J         |
|             |                                 | 3' - 4'           | Cadmium |                        | 364.42               | 368.4                                       | Above                          | Clayey silt, trace fine sand                             | 8/22/2011       | 0.12 J          |
|             |                                 | 4' - 5'           | Cadmium |                        | 364.42               | 367.4                                       | Above                          | Silty Clay   | 8/22/2011       | 0.060 J         |
|             |                                 | 5' - 6'           | Cadmium |                        | 364.42               | 366.4                                       | Above                          | Silty Clay   | 8/22/2011       | <0.23           |
|             |                                 | 6' - 7'           | Cadmium |                        | 364.42               | 365.4                                       | Above                          | Silty Clay, silt lense 6'-2", clay at 6'-8"              | 8/22/2011       | <0.22           |
| DI-SB-07-02 | B30                             | 0' - 1'           | Cadmium | 372.45                 | 364.42               | 371.45                                      | Above                          | Silty Sand, some gravel                                  | 8/22/2011       | 0.32            |
|             |                                 | 1' - 2'           | Cadmium |                        | 364.42               | 370.45                                      | Above                          | Silty fine sand, trace clay & gravel                     | 8/22/2011       | 0.28            |
|             |                                 | 2' - 3'           | Cadmium |                        | 364.42               | 369.45                                      | Above                          | Silty fine sand, trace clay & gravel                     | 8/22/2011       | 0.10 J          |
|             |                                 | 3' - 4'           | Cadmium |                        | 364.42               | 368.45                                      | Above                          | Sand, silt, little clay                                  | 8/22/2011       | 0.13 J [0.21 J] |
|             |                                 | 4' - 5'           | Cadmium |                        | 364.42               | 367.45                                      | Above                          | Clayey silt - increasing clay with depth                 | 8/22/2011       | 0.064 J         |
|             |                                 | 5' - 6'           | Cadmium |                        | 364.42               | 366.45                                      | Above                          | Silty clay - increasing clay with depth                  | 8/22/2011       | 0.035 J         |
|             |                                 | 6' - 7'           | Cadmium |                        | 364.42               | 365.45                                      | Above                          | Clay, little to trace silt                               | 8/22/2011       | 0.059 J         |
| EPSOIL-2    | G23                             | 0' - 1'           | Cadmium | ---                    | ---                  | ---   | ---                            | ---  | 10/2001         | 29.6            |
| EPSOIL-3    | B30                             | 0' - 1'           | Cadmium | ---                    | ---                  | ---   | ---                            | ---  | 10/2001         | 75.6            |
| SA-SB-05-02 | F19                             | 0" - 2"           | Cadmium | 376.93                 | 368.32               | 376.76                                      | Above                          | Topsoil  | 10/22/2003      | 1.4             |
|             |                                 | 0' - 1'           | Cadmium |                        | 368.32               | 375.93                                      | Above                          | Silty Sand   | 10/22/2003      | 1.4             |
|             |                                 | 1' - 2'           | Cadmium |                        | 368.32               | 374.93                                      | Above                          | Silty Sand   | 10/22/2003      | <0.58           |
|             |                                 | 2' - 3'           | Cadmium |                        | 368.32               | 373.93                                      | Above                          | Silty Sand   | 10/22/2003      | 1.4             |
|             |                                 | 3' - 4'           | Cadmium |                        | 368.32               | 372.93                                      | Above                          | Silty Sand   | 10/22/2003      | <0.60           |
|             |                                 | 4' - 5'           | Cadmium |                        | 368.32               | 371.93                                      | Above                          | Clayey Silt  | 10/22/2003      | <0.60           |
|             |                                 | 5' - 6'           | Cadmium |                        | 368.32               | 370.93                                      | Above                          | Clayey Silt  | 10/22/2003      | 12.5            |
|             |                                 | 6' - 7'           | Cadmium |                        | 368.32               | 369.93                                      | Above                          | Sandy Silt   | 10/22/2003      | <0.58           |
|             |                                 | 7' - 8'           | Cadmium |                        | 368.32               | 368.93                                      | Above                          | Sandy Silt to Organic Clayey Silt                        | 10/22/2003      | <0.59           |
|             |                                 | 8' - 9'           | Cadmium |                        | 368.32               | 367.93                                      | At                             | Organic Clayey Silt                                      | 10/22/2003      | 5.1             |
|             |                                 | 9' - 10'          | Cadmium |                        | 368.32               | 366.93                                      | Below                          | Organic Clayey Silt                                      | 10/22/2003      | 5.9             |
|             |                                 | 10' - 11'         | Cadmium |                        | 368.32               | 365.93                                      | Below                          | Organic Clayey Silt                                      | 10/22/2003      | 8.1             |

**Table 1B**  
**Summary of Soil Classification and Analytical Data<sup>1</sup>**  
**West Branch of Bloody Brook**  
**Bloody Brook Voluntary Cleanup Program**  
**Onondaga County, New York**

| Boring ID   | Figure Coordinates <sup>2</sup> | Sampling Interval | Analyte | Surface Elevation (ft) | Brook Elevation (ft) | Sample Elevation at Bottom of Interval (ft) | Sample Relation to Brook Level | General Soil Classification <sup>3</sup> | Collection Date | Result (mg/kg) |
|-------------|---------------------------------|-------------------|---------|------------------------|----------------------|---|--------------------------------|--|-----------------|----------------|
| SA-SB-05-03 | F19                             | 0" - 2"           | Cadmium | 376.62                 | 368.31               | 376.45                                      | Above                          | Topsoil                                  | 10/22/2003      | 1.51           |
|             |                                 | 0' - 1'           | Cadmium |                        | 368.31               | 375.62                                      | Above                          | Silty Sand                               | 10/22/2003      | <0.607         |
|             |                                 | 1' - 2'           | Cadmium |                        | 368.31               | 374.62                                      | Above                          | Silty Sand                               | 10/22/2003      | <0.588         |
|             |                                 | 2' - 3'           | Cadmium |                        | 368.31               | 373.62                                      | Above                          | Silty Sand                               | 10/22/2003      | <0.581         |
|             |                                 | 3' - 4'           | Cadmium |                        | 368.31               | 372.62                                      | Above                          | Silty Sand                               | 10/22/2003      | <0.579         |
|             |                                 | 4' - 5'           | Cadmium |                        | 368.31               | 371.62                                      | Above                          | Clayey Silt                              | 10/22/2003      | <0.607         |
|             |                                 | 5' - 6'           | Cadmium |                        | 368.31               | 370.62                                      | Above                          | Organic Clayey Silt                      | 10/22/2003      | 2.5            |
|             |                                 | 6' - 7'           | Cadmium |                        | 368.31               | 369.62                                      | Above                          | Organic Clayey Silt                      | 10/22/2003      | 0.587          |
|             |                                 | 7' - 8'           | Cadmium |                        | 368.31               | 368.62                                      | At                             | Organic Clayey Silt                      | 10/22/2003      | 20.5           |
|             |                                 | 8' - 9'           | Cadmium |                        | 368.31               | 367.62                                      | Below                          | Clayey Silt                              | 10/22/2003      | 21.8           |
|             |                                 | 9' - 10'          | Cadmium |                        | 368.31               | 366.62                                      | Below                          | Clayey Silt                              | 10/22/2003      | <0.661         |
| SA-SB-05-04 | F19                             | 0" - 2"           | Cadmium | 375.98                 | 368.27               | 375.81                                      | Above                          | Topsoil                                  | 10/22/2003      | 4.3            |
|             |                                 | 0' - 1'           | Cadmium |                        | 368.27               | 374.98                                      | Above                          | Silty Sand                               | 10/22/2003      | 3.6            |
|             |                                 | 1' - 2'           | Cadmium |                        | 368.27               | 373.98                                      | Above                          | Silty Sand                               | 10/22/2003      | 27.9           |
|             |                                 | 2' - 3'           | Cadmium |                        | 368.27               | 372.98                                      | Above                          | Silty Sand                               | 10/22/2003      | <0.57          |
|             |                                 | 3' - 4'           | Cadmium |                        | 368.27               | 371.98                                      | Above                          | Organic clayey Silt                      | 10/22/2003      | 11.8           |
|             |                                 | 4' - 5'           | Cadmium |                        | 368.27               | 370.98                                      | Above                          | Organic Silty Clay                       | 10/22/2003      | 7.5            |
|             |                                 | 5' - 6'           | Cadmium |                        | 368.27               | 369.98                                      | Above                          | Organic Silty Clay                       | 10/22/2003      | 2.4            |
|             |                                 | 6' - 7'           | Cadmium |                        | 368.27               | 368.98                                      | Above                          | Organic Silty Clay                       | 10/22/2003      | 12.0           |
|             |                                 | 7' - 8'           | Cadmium |                        | 368.27               | 367.98                                      | At                             | Organic Clayey Silt                      | 10/22/2003      | 11.3           |
|             |                                 | 8' - 9'           | Cadmium |                        | 368.27               | 366.98                                      | Below                          | Organic Clayey Silt                      | 10/22/2003      | 20.9           |
|             |                                 | 9' - 10'          | Cadmium |                        | 368.27               | 365.98                                      | Below                          | Organic Sand/Silt                        | 10/22/2003      | <0.72          |
|             |                                 | 10' - 11'         | Cadmium |                        | 368.27               | 364.98                                      | Below                          | Organic Sand/Silt                        | 10/22/2003      | <0.85          |
|             |                                 | 11' - 12'         | Cadmium |                        | 368.27               | 363.98                                      | Below                          | Silty Sand                               | 10/22/2003      | <0.63          |
|             |                                 | 12' - 13'         | Cadmium |                        | 368.27               | 362.98                                      | Below                          | Organic Silt/Sand                        | 10/22/2003      | <0.68          |
|             |                                 | 13' - 14'         | Cadmium |                        | 368.27               | 361.98                                      | Below                          | Organic Silt/Sand                        | 10/22/2003      | <0.68          |
| SA-SB-06-01 | E28                             | 0" - 2"           | Cadmium | 371.39                 | 364.30               | 371.22                                      | Above                          | Topsoil                                  | 10/24/2003      | 8.5            |
|             |                                 | 0' - 1'           | Cadmium |                        | 364.30               | 370.39                                      | Above                          | Silty Sand                               | 10/24/2003      | 6.5            |
|             |                                 | 1' - 2'           | Cadmium |                        | 364.30               | 369.39                                      | Above                          | Silty Sand                               | 10/24/2003      | <0.54          |
|             |                                 | 2' - 3'           | Cadmium |                        | 364.30               | 368.39                                      | Above                          | Silty Sand                               | 10/24/2003      | 1.1            |
|             |                                 | 3' - 4'           | Cadmium |                        | 364.30               | 367.39                                      | Above                          | Silty Sand                               | 10/24/2003      | 41.7           |
|             |                                 | 4' - 5'           | Cadmium |                        | 364.30               | 366.39                                      | Above                          | Silty Sand                               | 10/24/2003      | 2.6            |
|             |                                 | 5' - 6'           | Cadmium |                        | 364.30               | 365.39                                      | Above                          | Silty Sand                               | 10/24/2003      | 3.4            |
|             |                                 | 6' - 7'           | Cadmium |                        | 364.30               | 364.39                                      | At                             | Silty Sand to Organic Clayey Silt        | 10/24/2003      | <0.60          |
|             |                                 | 7' - 8'           | Cadmium |                        | 364.30               | 363.39                                      | Below                          | Organic Clayey Silt                      | 10/24/2003      | <0.63          |
|             |                                 | 8' - 9'           | Cadmium |                        | 364.30               | 362.39                                      | Below                          | Silty Clay                               | 10/24/2003      | <0.65          |
| SA-SB-06-02 | E28                             | 0" - 2"           | Cadmium | 372.31                 | 364.30               | 372.14                                      | Above                          | Topsoil                                  | 10/24/2003      | 2.49           |
|             |                                 | 0' - 1'           | Cadmium |                        | 364.30               | 371.31                                      | Above                          | Silty Sand                               | 10/24/2003      | 1.09 [1.77]    |
|             |                                 | 1' - 2'           | Cadmium |                        | 364.30               | 370.31                                      | Above                          | Silty Sand                               | 10/24/2003      | <0.567         |
|             |                                 | 2' - 3'           | Cadmium |                        | 364.30               | 369.31                                      | Above                          | Silty Sand                               | 10/24/2003      | <0.522         |
|             |                                 | 3' - 4'           | Cadmium |                        | 364.30               | 368.31                                      | Above                          | Silty Sand                               | 10/24/2003      | 0.703          |
|             |                                 | 4' - 5'           | Cadmium |                        | 364.30               | 367.31                                      | Above                          | Silty Sand to Organic Clayey Silt        | 10/24/2003      | 30.3           |
|             |                                 | 5' - 6'           | Cadmium |                        | 364.30               | 366.31                                      | Above                          | Organic Clayey Silt                      | 10/24/2003      | 60.1           |
|             |                                 | 6' - 7'           | Cadmium |                        | 364.30               | 365.31                                      | Above                          | Organic Clayey Silt to Silty Clay        | 10/24/2003      | 1.44           |
|             |                                 | 7' - 8'           | Cadmium |                        | 364.30               | 364.31                                      | At                             | Organic Clayey Silt                      | 10/24/2003      | 6.18           |
|             |                                 | 8' - 9'           | Cadmium |                        | 364.30               | 363.31                                      | Below                          | Silty Clay                               | 10/24/2003      | 7.35           |
| SA-SB-06-03 | E28                             | 0" - 2"           | Cadmium | 372.74                 | 364.30               | 372.57                                      | Above                          | Topsoil                                  | 10/24/2003      | 1.22           |
|             |                                 | 0' - 1'           | Cadmium |                        | 364.30               | 371.74                                      | Above                          | Silty Sand                               | 10/24/2003      | <0.611         |
|             |                                 | 1' - 2'           | Cadmium |                        | 364.30               | 370.74                                      | Above                          | Organic Silt/Sand                        | 10/24/2003      | <0.566         |
|             |                                 | 2' - 3'           | Cadmium |                        | 364.30               | 369.74                                      | Above                          | Silty Sand                               | 10/24/2003      | <0.579         |
|             |                                 | 3' - 4'           | Cadmium |                        | 364.30               | 368.74                                      | Above                          | Silty Sand                               | 10/24/2003      | <0.585         |
|             |                                 | 4' - 5'           | Cadmium |                        | 364.30               | 367.74                                      | Above                          | Silty Sand                               | 10/24/2003      | 7.63           |
|             |                                 | 5' - 6'           | Cadmium |                        | 364.30               | 366.74                                      | Above                          | Organic Clayey Silt                      | 10/24/2003      | 64.4           |
|             |                                 | 6' - 7'           | Cadmium |                        | 364.30               | 365.74                                      | Above                          | Organic Clayey Silt                      | 10/24/2003      | <0.668         |
|             |                                 | 7' - 8'           | Cadmium |                        | 364.30               | 364.74                                      | At                             | Clayey Silt to Clay                      | 10/24/2003      | <0.625         |
|             |                                 | 8' - 9'           | Cadmium |                        | 364.30               | 363.74                                      | Below                          | Clay                                     | 10/24/2003      | <0.634         |

**Table 1B**  
**Summary of Soil Classification and Analytical Data<sup>1</sup>**  
**West Branch of Bloody Brook**  
**Bloody Brook Voluntary Cleanup Program**  
**Onondaga County, New York**

| Boring ID    | Figure Coordinates <sup>2</sup> | Sampling Interval | Analyte | Surface Elevation (ft) | Brook Elevation (ft) | Sample Elevation at Bottom of Interval (ft) | Sample Relation to Brook Level | General Soil Classification <sup>3</sup> | Collection Date | Result (mg/kg) |
|--------------|---------------------------------|-------------------|---------|------------------------|----------------------|---|--------------------------------|--|-----------------|----------------|
| SA-SB-06-04  | E28                             | 0" - 2"           | Cadmium | 372.98                 | 364.30               | 372.81                                      | Above                          | Topsoil                                  | 10/24/2003      | 1.13           |
|              |                                 | 0' - 1'           | Cadmium |                        | 364.30               | 371.98                                      | Above                          | Silty Sand                               | 10/24/2003      | <0.605         |
|              |                                 | 1' - 2'           | Cadmium |                        | 364.30               | 370.98                                      | Above                          | Silty Sand                               | 10/24/2003      | <0.561         |
|              |                                 | 2' - 3'           | Cadmium |                        | 364.30               | 369.98                                      | Above                          | Silty Sand                               | 10/24/2003      | <0.573         |
|              |                                 | 3' - 4'           | Cadmium |                        | 364.30               | 368.98                                      | Above                          | Silty Sand                               | 10/24/2003      | <0.554         |
|              |                                 | 4' - 5'           | Cadmium |                        | 364.30               | 367.98                                      | Above                          | Fill                                     | 10/24/2003      | 1.78           |
|              |                                 | 5' - 6'           | Cadmium |                        | 364.30               | 366.98                                      | Above                          | Organic Clayey Silt                      | 10/24/2003      | 88.1           |
|              |                                 | 6' - 7'           | Cadmium |                        | 364.30               | 365.98                                      | Above                          | Organic Clayey Silt                      | 10/24/2003      | <0.693         |
|              |                                 | 7' - 8'           | Cadmium |                        | 364.30               | 364.98                                      | Above                          | Clay to Silty Clay                       | 10/24/2003      | <0.678         |
|              |                                 | 8' - 9'           | Cadmium |                        | 364.30               | 363.98                                      | At                             | Clay                                     | 10/24/2003      | <0.636         |
| SA-SB-07-01  | B30                             | 0" - 2"           | Cadmium | 372.1                  | 364.35               | 371.93                                      | Above                          | Topsoil                                  | 10/24/2003      | 4.6            |
| SA-SB-07-02  | B30                             | 0" - 2"           | Cadmium | 371.71                 | 364.35               | 371.54                                      | Above                          | Topsoil                                  | 10/24/2003      | 1.0            |
| SA-SB-07-03  | B30                             | 0" - 2"           | Cadmium | 371.04                 | 364.35               | 370.87                                      | Above                          | Topsoil                                  | 10/24/2003      | 0.845          |
| SA-SB-07-04  | B30                             | 0" - 2"           | Cadmium | 370.1                  | 364.35               | 369.93                                      | Above                          | Topsoil                                  | 10/24/2003      | 0.839          |
| SA-SB-216-01 | F19                             | 0" - 2"           | Cadmium | 375.03                 | 368.96               | 374.86                                      | Above                          | Topsoil                                  | 10/22/2003      | 3.3            |
|              |                                 | 0' - 1'           | Cadmium |                        | 368.96               | 374.03                                      | Above                          | Silty Sand                               | 10/22/2003      | 3.9            |
|              |                                 | 1' - 2'           | Cadmium |                        | 368.96               | 373.03                                      | Above                          | Silty Sand                               | 10/22/2003      | <0.59          |
|              |                                 | 2' - 3'           | Cadmium |                        | 368.96               | 372.03                                      | Above                          | Silty Sand                               | 10/22/2003      | <0.56          |
|              |                                 | 3' - 4'           | Cadmium |                        | 368.96               | 371.03                                      | Above                          | Clayey Silt                              | 10/22/2003      | 0.65           |
|              |                                 | 4' - 5'           | Cadmium |                        | 368.96               | 370.03                                      | Above                          | Clayey Silt                              | 10/22/2003      | 24.9           |
|              |                                 | 5' - 6'           | Cadmium |                        | 368.96               | 369.03                                      | At                             | Clayey Silt                              | 10/22/2003      | 0.77           |
|              |                                 | 6' - 7'           | Cadmium |                        | 368.96               | 368.03                                      | Below                          | Clayey Silt                              | 10/22/2003      | 4.7            |
|              |                                 | 7' - 8'           | Cadmium |                        | 368.96               | 367.03                                      | Below                          | Clayey Silt                              | 10/22/2003      | <0.65          |
|              |                                 | 8' - 9'           | Cadmium |                        | 368.96               | 366.03                                      | Below                          | Clayey Silt                              | 10/22/2003      | 20.6           |
|              |                                 | 9' - 10'          | Cadmium |                        | 368.96               | 365.03                                      | Below                          | Organic Clayey Silt                      | 10/22/2003      | <0.654         |
| SA-SB-216-02 | E19                             | 0" - 2"           | Cadmium | 376.08                 | 368.88               | 375.91                                      | Above                          | Topsoil                                  | 10/22/2003      | 1.26           |
|              |                                 | 0' - 1'           | Cadmium |                        | 368.88               | 375.08                                      | Above                          | Silty Sand                               | 10/22/2003      | 0.659          |
|              |                                 | 1' - 2'           | Cadmium |                        | 368.88               | 374.08                                      | Above                          | Silty Sand                               | 10/22/2003      | <0.588         |
|              |                                 | 2' - 3'           | Cadmium |                        | 368.88               | 373.08                                      | Above                          | Silty Sand                               | 10/22/2003      | <0.617         |
|              |                                 | 3' - 4'           | Cadmium |                        | 368.88               | 372.08                                      | Above                          | Silty Sand                               | 10/22/2003      | <0.602         |
|              |                                 | 4' - 5'           | Cadmium |                        | 368.88               | 371.08                                      | Above                          | Silty Sand                               | 10/22/2003      | 5.38           |
|              |                                 | 5' - 6'           | Cadmium |                        | 368.88               | 370.08                                      | Above                          | Organic Clayey Silt                      | 10/22/2003      | 14.5           |
|              |                                 | 6' - 7'           | Cadmium |                        | 368.88               | 369.08                                      | At                             | Organic Clayey Silt                      | 10/22/2003      | 1.57 [0.823]   |
|              |                                 | 7' - 8'           | Cadmium |                        | 368.88               | 368.08                                      | Below                          | Silty Clay                               | 10/22/2003      | <0.68          |
|              |                                 | 8' - 9'           | Cadmium |                        | 368.88               | 367.08                                      | Below                          | Silty Clay                               | 10/22/2003      | 0.903          |
|              |                                 | 9' - 10'          | Cadmium |                        | 368.88               | 366.08                                      | Below                          | Organic Clayey Silt                      | 10/22/2003      | <0.756         |
|              |                                 | 10' - 11'         | Cadmium |                        | 368.88               | 365.08                                      | Below                          | Organic Clayey Silt                      | 10/22/2003      | <0.719         |
|              |                                 | 11' - 12'         | Cadmium |                        | 368.88               | 364.08                                      | Below                          | Silty Clay                               | 10/22/2003      | <0.62          |
|              |                                 | 12' - 13'         | Cadmium |                        | 368.88               | 363.08                                      | Below                          | Silty Sand                               | 10/22/2003      | <0.616         |
|              |                                 | 13' - 14'         | Cadmium |                        | 368.88               | 362.08                                      | Below                          | Silty Sand                               | 10/22/2003      | <0.60          |
| SA-SB-216-03 | E19                             | 0" - 2"           | Cadmium | 376.12                 | 368.90               | 375.95                                      | Above                          | Topsoil                                  | 10/22/2003      | <0.652         |
|              |                                 | 0' - 1'           | Cadmium |                        | 368.90               | 375.12                                      | Above                          | Silty Sand                               | 10/22/2003      | <0.60          |
|              |                                 | 1' - 2'           | Cadmium |                        | 368.90               | 374.12                                      | Above                          | Silty Sand                               | 10/22/2003      | <0.598         |
|              |                                 | 2' - 3'           | Cadmium |                        | 368.90               | 373.12                                      | Above                          | Silty Sand                               | 10/22/2003      | <0.617         |
|              |                                 | 3' - 4'           | Cadmium |                        | 368.90               | 372.12                                      | Above                          | Silty Clay                               | 10/22/2003      | <0.624         |
|              |                                 | 4' - 5'           | Cadmium |                        | 368.90               | 371.12                                      | Above                          | Silty Clay                               | 10/22/2003      | 1.54           |
|              |                                 | 5' - 6'           | Cadmium |                        | 368.90               | 370.12                                      | Above                          | Sandy Silt                               | 10/22/2003      | <0.632         |
|              |                                 | 6' - 7'           | Cadmium |                        | 368.90               | 369.12                                      | At                             | Sandy Silt                               | 10/22/2003      | <0.641         |
|              |                                 | 7' - 8'           | Cadmium |                        | 368.90               | 368.12                                      | Below                          | Sandy Silt                               | 10/22/2003      | <0.713         |
|              |                                 | 8' - 9'           | Cadmium |                        | 368.90               | 367.12                                      | Below                          | Sandy Silt                               | 10/22/2003      | <0.635         |
| SA-SB-216-04 | E19                             | 0' - 1'           | Cadmium | 376.23                 | 368.88               | 375.23                                      | Above                          | Silty Sand                               | 10/22/2003      | <0.59          |
|              |                                 | 1' - 2'           | Cadmium |                        | 368.88               | 374.23                                      | Above                          | Silty Sand                               | 10/22/2003      | <0.57          |
| SB-01        | F18                             | 0" - 2"           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 11/2001         | 10.5           |
|              |                                 | 0' - 1'           | Cadmium |                        | ---                  | ---   | ---                            | ---                                      | 11/2001         | 1.64           |
| SB-02        | F19                             | 0' - 1'           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 11/2001         | 203            |
|              |                                 | 1' - 2'           | Cadmium |                        | ---                  | ---   | ---                            | ---                                      | 11/2001         | 503            |
| SB-03        | F19                             | 0' - 1'           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 11/2001         | 37             |
|              |                                 | 1' - 2'           | Cadmium |                        | ---                  | ---   | ---                            | ---                                      | 11/2001         | 30.1           |
| SB-04        | F21                             | 0' - 1'           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 11/2001         | 30.4           |
|              |                                 | 1' - 2'           | Cadmium |                        | ---                  | ---   | ---                            | ---                                      | 11/2001         | 34.2           |
| SB-05        | G22                             | 0' - 1'           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 11/2001         | 41.1           |
|              |                                 | 1' - 2'           | Cadmium |                        | ---                  | ---   | ---                            | ---                                      | 11/2001         | 98.2           |

**Table 1B**  
**Summary of Soil Classification and Analytical Data<sup>1</sup>**  
**West Branch of Bloody Brook**  
**Bloody Brook Voluntary Cleanup Program**  
**Onondaga County, New York**

| Boring ID | Figure Coordinates <sup>2</sup> | Sampling Interval | Analyte | Surface Elevation (ft) | Brook Elevation (ft) | Sample Elevation at Bottom of Interval (ft) | Sample Relation to Brook Level | General Soil Classification <sup>3</sup> | Collection Date | Result (mg/kg) |
|-----------|---------------------------------|-------------------|---------|------------------------|----------------------|---|--------------------------------|--|-----------------|----------------|
| SB-06     | F22                             | 0' - 1'           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 11/2001         | 11.3           |
|           |                                 | 1' - 2'           | Cadmium |                        | ---                  | ---   | ---                            | ---                                      | 11/2001         | 8.04           |
| SB-07     | G24                             | 0' - 1'           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 11/2001         | 42.1           |
|           |                                 | 1' - 2'           | Cadmium |                        | ---                  | ---   | ---                            | ---                                      | 11/2001         | 34.3           |
| SB-08     | G25                             | 0' - 1'           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 11/2001         | 5.78           |
| SB-09     | E28                             | 0' - 1'           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 11/2001         | 81.5           |
|           |                                 | 1' - 2'           | Cadmium |                        | ---                  | ---   | ---                            | ---                                      | 11/2001         | 191            |
| SB-10     | D29                             | 0' - 1'           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 11/2001         | 108            |
|           |                                 | 1' - 2'           | Cadmium |                        | ---                  | ---   | ---                            | ---                                      | 11/2001         | 114            |
| SB-11     | B30                             | 0' - 1'           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 11/2001         | 9.82           |
| SB-12     | B31                             | 0' - 1'           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 11/2001         | 2.11           |
| SB-29     | F19                             | 0" - 2"           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 06/2002         | 10.5           |
| SB-30     | F19                             | 0" - 2"           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 06/2002         | 39.3           |
| SB-31     | F19                             | 0" - 2"           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 06/2002         | 22.9           |
| SB-32     | F21                             | 0" - 2"           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 06/2002         | 35.2           |
| SB-33     | F21                             | 0" - 2"           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 06/2002         | 11.3           |
| SB-34     | F21                             | 0" - 2"           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 06/2002         | 3.79           |
| SB-35     | F21                             | 0" - 2"           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 06/2002         | 19.0           |
| SB-36     | G22                             | 0" - 2"           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 06/2002         | 26.6           |
| SB-37     | F22                             | 0" - 2"           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 06/2002         | 11.3           |
| SB-38     | G23                             | 0" - 2"           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 06/2002         | 22.4           |
| SB-39     | G24                             | 0" - 2"           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 06/2002         | 16.8           |
| SB-40     | G24                             | 0" - 2"           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 06/2002         | 6.52           |
| SB-41     | G24                             | 0" - 2"           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 06/2002         | 47.3           |
| SB-42     | H25                             | 0" - 2"           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 06/2002         | 5.65           |
| SB-43     | G25                             | 0" - 2"           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 06/2002         | 7.77           |
| SB-44     | G27                             | 0" - 2"           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 06/2002         | 101            |
| SB-45     | G27                             | 0" - 2"           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 06/2002         | 17.5           |
| SB-46     | E28                             | 0" - 2"           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 06/2002         | 96.1           |
| SB-47     | D29                             | 0" - 2"           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 06/2002         | 35.6           |
| SB-48     | C30                             | 0" - 2"           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 06/2002         | 29.6           |
| SB-49     | B30                             | 0" - 2"           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 06/2002         | 21.6           |
| SB-50     | B31                             | 0" - 2"           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 06/2002         | 1.3            |
| SB-61     | F19                             | 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     | F19                             | 2' - 3'           | Cadmium | ---                    | ---                  | ---   | ---                            | Sandy Silt                               | 11/2002         | 263            |
|           |                                 | 3' - 4'           | Cadmium |                        | ---                  | ---   | ---                            | Silty Sand                               | 11/2002         | 208            |
| SB-63     | F19                             | 0" - 2"           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 11/2002         | 22.6           |
| SB-64     | F21                             | 0" - 2"           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 11/2002         | 1.1            |
| SB-65     | G22                             | 2' - 3'           | Cadmium | ---                    | ---                  | ---   | ---                            | Sandy Silt                               | 11/2002         | 6.5            |
|           |                                 | 3' - 4'           | Cadmium |                        | ---                  | ---   | ---                            | Sandy Silt                               | 11/2002         | 23.4           |
| SB-66     | G24                             | 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     | G24                             | 0" - 2"           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 11/2002         | 20.9           |
| SB-68     | G27                             | 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     | F27                             | 0" - 2"           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 11/2002         | 10.3           |
| SB-70     | E28                             | 2' - 3'           | Cadmium | ---                    | ---                  | ---   | ---                            | Silty Sand                               | 11/2002         | 12.7           |
|           |                                 | 3' - 4'           | Cadmium |                        | ---                  | ---   | ---                            | Sandy Silt                               | 11/2002         | 4.8            |
| SB-71     | E28                             | 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     | D29                             | 2' - 3'           | Cadmium | ---                    | ---                  | ---   | ---                            | Silty Sand                               | 11/2002         | 1.7            |
|           |                                 | 3' - 4'           | Cadmium |                        | ---                  | ---   | ---                            | Silty Sand/Clay                          | 11/2002         | 4.3            |
| SB-73     | D29                             | 0" - 2"           | Cadmium | ---                    | ---                  | ---   | ---                            | ---                                      | 11/2002         | 37.6           |

**Table 1B**  
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**West Branch of Bloody Brook**  
**Bloody Brook Voluntary Cleanup Program**  
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| Boring ID | Figure Coordinates <sup>2</sup> | Sampling Interval | Analyte   | Surface Elevation (ft) | Brook Elevation (ft) | Sample Elevation at Bottom of Interval (ft) | Sample Relation to Brook Level | General Soil Classification <sup>3</sup> | Collection Date | Result (mg/kg) |
|-----------|---------------------------------|-------------------|-----------|------------------------|----------------------|---|--------------------------------|--|-----------------|----------------|
| SB-74     | B30                             | 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-208    | F19                             | 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    | F21                             | 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    | C30                             | 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-229    | F17                             | 0" - 2"           | Cadmium   | 376.82                 | 369.99               | 376.65                                      | Above                          | Topsoil                                  | 10/21/2003      | 1.4            |
|           |                                 | 0' - 1'           | Cadmium   |                        | 369.99               | 375.82                                      | Above                          | Silty Sand                               | 10/21/2003      | 1.9            |
|           |                                 | 1' - 2'           | Cadmium   |                        | 369.99               | 374.82                                      | Above                          | Silty Sand                               | 10/21/2003      | 0.67           |
|           |                                 | 2' - 3'           | Cadmium   |                        | 369.99               | 373.82                                      | Above                          | Silty Sand                               | 10/21/2003      | <0.61 [<0.60]  |
|           |                                 | 3' - 4'           | Cadmium   |                        | 369.99               | 372.82                                      | Above                          | Silty Sand                               | 10/21/2003      | <0.61          |
|           |                                 | 4' - 5'           | Cadmium   |                        | 369.99               | 371.82                                      | Above                          | Silty Sand                               | 10/21/2003      | 103            |
|           |                                 | 5' - 6'           | Cadmium   |                        | 369.99               | 370.82                                      | Above                          | Organic Silt/Sand                        | 10/21/2003      | 1,390          |
|           |                                 | 6' - 7'           | Cadmium   |                        | 369.99               | 369.82                                      | At                             | Organic Silt/Sand to Clayey Silt         | 10/21/2003      | 247            |
|           |                                 | 7' - 8'           | Cadmium   |                        | 369.99               | 368.82                                      | Below                          | Clayey Silt to Silty Clay                | 10/21/2003      | 2.7            |
| SB-230    | F21                             | 0" - 2"           | Cadmium   | 376.54                 | 366.99               | 376.37                                      | Above                          | Topsoil                                  | 10/23/2003      | 23.5           |
|           |                                 | 0' - 1'           | Cadmium   |                        | 366.99               | 375.54                                      | Above                          | Sandy Silt                               | 10/23/2003      | 10.1           |
|           |                                 | 1' - 2'           | Cadmium   |                        | 366.99               | 374.54                                      | Above                          | Fill                                     | 10/23/2003      | 5.2 [1.50]     |
|           |                                 | 2' - 3'           | Cadmium   |                        | 366.99               | 373.54                                      | Above                          | Fill                                     | 10/23/2003      | <0.57          |
|           |                                 | 3' - 4'           | Cadmium   |                        | 366.99               | 372.54                                      | Above                          | Silty Sand                               | 10/23/2003      | 0.81           |
|           |                                 | 4' - 5'           | Cadmium   |                        | 366.99               | 371.54                                      | Above                          | Silty Sand                               | 10/23/2003      | <0.60          |
|           |                                 | 5' - 6'           | Cadmium   |                        | 366.99               | 370.54                                      | Above                          | Silty Sand to Silty Clay                 | 10/23/2003      | <0.61          |
|           |                                 | 6' - 7'           | Cadmium   |                        | 366.99               | 369.54                                      | Above                          | Organic Silty Clay                       | 10/23/2003      | 6.0            |
|           |                                 | 7' - 8'           | Cadmium   |                        | 366.99               | 368.54                                      | Above                          | Organic Silty Clay                       | 10/23/2003      | <0.65 [<0.68]  |
|           |                                 | 8' - 9'           | Cadmium   |                        | 366.99               | 367.54                                      | Above                          | Silty Clay                               | 10/23/2003      | <0.62          |
|           |                                 | 9' - 10'          | Cadmium   |                        | 366.99               | 366.54                                      | At                             | Silty Clay                               | 10/23/2003      | <0.59          |
|           |                                 | 10' - 11'         | Cadmium   |                        | 366.99               | 365.54                                      | Below                          | Organic Silty Clay                       | 10/23/2003      | <0.67          |
|           |                                 | 11' - 12'         | Cadmium   |                        | 366.99               | 364.54                                      | Below                          | Silty Clay                               | 10/23/2003      | <0.62          |
|           |                                 | 12' - 13'         | Lithology |                        | 366.99               | 363.54                                      | Below                          | Silty Clay                               | 10/23/2003      | NA             |
|           |                                 | 13' - 14'         | Lithology |                        | 366.99               | 362.54                                      | Below                          | Silty Clay                               | 10/23/2003      | NA             |
|           |                                 | 14' - 15'         | Lithology |                        | 366.99               | 361.54                                      | Below                          | Silty Clay                               | 10/23/2003      | NA             |
| SB-415    | F24                             | 0" - 2"           | Cadmium   | 373.06                 | 365.92               | 372.89                                      | Above                          | Topsoil                                  | 10/23/2003      | 1.6            |
|           |                                 | 0' - 1'           | Cadmium   |                        | 365.92               | 372.06                                      | Above                          | Silty Sand                               | 10/23/2003      | 0.99           |
|           |                                 | 1' - 2'           | Cadmium   |                        | 365.92               | 371.06                                      | Above                          | Silty Sand                               | 10/23/2003      | 2.3            |
|           |                                 | 2' - 3'           | Cadmium   |                        | 365.92               | 370.06                                      | Above                          | Silty Sand                               | 10/23/2003      | <0.60          |
|           |                                 | 3' - 4'           | Cadmium   |                        | 365.92               | 369.06                                      | Above                          | Silty Sand to Clayey Silt                | 10/23/2003      | <0.59          |
|           |                                 | 4' - 5'           | Cadmium   |                        | 365.92               | 368.06                                      | Above                          | Silty Sand                               | 10/23/2003      | 2.1            |
|           |                                 | 5' - 6'           | Cadmium   |                        | 365.92               | 367.06                                      | Above                          | Silty Sand                               | 10/23/2003      | <0.60          |
|           |                                 | 6' - 7'           | Cadmium   |                        | 365.92               | 366.06                                      | At                             | Silty Sand                               | 10/23/2003      | <0.55          |
|           |                                 | 7' - 8'           | Cadmium   |                        | 365.92               | 365.06                                      | Below                          | Organic Silt/Sand                        | 10/23/2003      | <0.61 [<0.59]  |
|           |                                 | 8' - 9'           | Cadmium   |                        | 365.92               | 364.06                                      | Below                          | Silty Clay                               | 10/23/2003      | <0.64          |
|           |                                 | 9' - 10'          | Cadmium   |                        | 365.92               | 363.06                                      | Below                          | Silty Clay to Silty Sand                 | 10/23/2003      | <0.57          |
|           |                                 | 10' - 11'         | Lithology |                        | 365.92               | 362.06                                      | Below                          | Silty Sand to Silty Clay                 | 10/23/2003      | NA             |
|           |                                 | 11' - 12'         | Lithology |                        | 365.92               | 361.06                                      | Below                          | Silty Clay                               | 10/23/2003      | NA             |
|           |                                 | 12' - 13'         | Lithology |                        | 365.92               | 360.06                                      | Below                          | Silty Clay                               | 10/23/2003      | NA             |
|           |                                 | 13' - 14'         | Lithology |                        | 365.92               | 359.06                                      | Below                          | Silty Clay                               | 10/23/2003      | NA             |
|           |                                 | 14' - 15'         | Lithology |                        | 365.92               | 358.06                                      | Below                          | Silty Clay                               | 10/23/2003      | NA             |
|           |                                 | 15' - 16'         | Lithology |                        | 365.92               | 357.06                                      | Below                          | Silty Clay                               | 10/23/2003      | NA             |

**Table 1B**  
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**West Branch of Bloody Brook**  
**Bloody Brook Voluntary Cleanup Program**  
**Onondaga County, New York**

| Boring ID | Figure Coordinates <sup>2</sup> | Sampling Interval | Analyte | Surface Elevation (ft) | Brook Elevation (ft) | Sample Elevation at Bottom of Interval (ft) | Sample Relation to Brook Level | General Soil Classification <sup>3</sup> | Collection Date | Result (mg/kg) |
|-----------|---------------------------------|-------------------|---------|------------------------|----------------------|---|--------------------------------|--|-----------------|----------------|
| SB-416    | G23                             | 0" - 2"           | Cadmium | 372.03                 | 365.87               | 371.86                                      | Above                          | Topsoil                                  | 10/23/2003      | 44.4           |
|           |                                 | 0' - 1'           | Cadmium |                        | 365.87               | 371.03                                      | Above                          | Silty Sand                               | 10/23/2003      | 20.2           |
|           |                                 | 1' - 2'           | Cadmium |                        | 365.87               | 370.03                                      | Above                          | Silty Sand                               | 10/23/2003      | 6.8            |
|           |                                 | 2' - 3'           | Cadmium |                        | 365.87               | 369.03                                      | Above                          | Silty Sand                               | 10/23/2003      | 1.1            |
|           |                                 | 3' - 4'           | Cadmium |                        | 365.87               | 368.03                                      | Above                          | Organic Silt/Sand                        | 10/23/2003      | 123            |
|           |                                 | 4' - 5'           | Cadmium |                        | 365.87               | 367.03                                      | Above                          | Organic Silt/Sand                        | 10/23/2003      | 16.8           |
|           |                                 | 5' - 6'           | Cadmium |                        | 365.87               | 366.03                                      | At                             | Organic Silt/Sand                        | 10/23/2003      | 0.79           |
|           |                                 | 6' - 7'           | Cadmium |                        | 365.87               | 365.03                                      | Below                          | Silty Clay                               | 10/23/2003      | <0.62          |
|           |                                 | 7' - 8'           | Cadmium |                        | 365.87               | 364.03                                      | Below                          | Silty Clay                               | 10/23/2003      | <0.65          |
| SB-417    | G24                             | 0" - 2"           | Cadmium | 371.96                 | 365.42               | 371.79                                      | Above                          | Topsoil                                  | 10/24/2003      | 5.9            |
|           |                                 | 0' - 1'           | Cadmium |                        | 365.42               | 370.96                                      | Above                          | Topsoil                                  | 10/24/2003      | 16.2           |
|           |                                 | 1' - 2'           | Cadmium |                        | 365.42               | 369.96                                      | Above                          | Clayey Silt                              | 10/24/2003      | 3.0            |
|           |                                 | 2' - 3'           | Cadmium |                        | 365.42               | 368.96                                      | Above                          | Clayey Silt                              | 10/24/2003      | 0.86           |
|           |                                 | 3' - 4'           | Cadmium |                        | 365.42               | 367.96                                      | Above                          | Organic Clayey Silt                      | 10/24/2003      | 109.0          |
|           |                                 | 4' - 5'           | Cadmium |                        | 365.42               | 366.96                                      | Above                          | Organic Clayey Silt                      | 10/24/2003      | 18.4           |
|           |                                 | 5' - 6'           | Cadmium |                        | 365.42               | 365.96                                      | Above                          | Organic Clayey Silt                      | 10/24/2003      | <0.73          |
|           |                                 | 6' - 7'           | Cadmium |                        | 365.42               | 364.96                                      | At                             | Organic Clayey Silt to Clay              | 10/24/2003      | <0.63          |
|           |                                 | 7' - 8'           | Cadmium |                        | 365.42               | 363.96                                      | Below                          | Silty Sand                               | 10/24/2003      | <0.73          |
| SB-453    | F17                             | 0" - 2"           | Cadmium | 376.77                 | 370.01               | 376.60                                      | Above                          | Topsoil                                  | 4/29/2004       | 2.26           |
|           |                                 | 0' - 1'           | Cadmium |                        | 370.01               | 375.77                                      | Above                          | Sandy Silt                               | 4/29/2004       | 4.03           |
|           |                                 | 1' - 2'           | Cadmium |                        | 370.01               | 374.77                                      | Above                          | Sandy Silt                               | 4/29/2004       | <0.590         |
|           |                                 | 2' - 3'           | Cadmium |                        | 370.01               | 373.77                                      | Above                          | Sandy Silt                               | 4/29/2004       | <0.612         |
|           |                                 | 3' - 4'           | Cadmium |                        | 370.01               | 372.77                                      | Above                          | Clayey Silt                              | 4/29/2004       | <0.623         |
|           |                                 | 4' - 5'           | Cadmium |                        | 370.01               | 371.77                                      | Above                          | Clayey Silt                              | 4/29/2004       | 3.29           |
|           |                                 | 5' - 6'           | Cadmium |                        | 370.01               | 370.77                                      | Above                          | Clayey Silt                              | 4/29/2004       | 91.9           |
|           |                                 | 6' - 7'           | Cadmium |                        | 370.01               | 369.77                                      | At                             | Clayey Silt                              | 4/29/2004       | 130            |
|           |                                 | 7' - 8'           | Cadmium |                        | 370.01               | 368.77                                      | Below                          | Clayey Silt                              | 4/29/2004       | <0.734         |
| SB-454    | F21                             | 0" - 2"           | Cadmium | 376.79                 | 367.00               | 376.62                                      | Above                          | Topsoil                                  | 4/29/2004       | 4.9            |
|           |                                 | 0' - 1'           | Cadmium |                        | 367.00               | 375.79                                      | Above                          | Silty Sand                               | 4/29/2004       | 7.5            |
| SB-455    | G23                             | 0" - 2"           | Cadmium | 372.43                 | 365.91               | 372.26                                      | Above                          | Topsoil                                  | 4/29/2004       | 3.8            |
|           |                                 | 0' - 1'           | Cadmium |                        | 365.91               | 371.43                                      | Above                          | Sandy Silt                               | 4/29/2004       | 2.31           |
|           |                                 | 1' - 2'           | Cadmium |                        | 365.91               | 370.43                                      | Above                          | Clayey Silt                              | 4/29/2004       | <0.615         |
|           |                                 | 2' - 3'           | Cadmium |                        | 365.91               | 369.43                                      | Above                          | Clayey Silt                              | 4/29/2004       | <0.602         |
|           |                                 | 3' - 4'           | Cadmium |                        | 365.91               | 368.43                                      | Above                          | Clayey Silt                              | 4/29/2004       | 7.04           |
|           |                                 | 4' - 5'           | Cadmium |                        | 365.91               | 367.43                                      | Above                          | Clayey Silt                              | 4/29/2004       | <0.681         |

**Notes:**

1. Boring locations are shown on Figure 3B.
2. Figure coordinates correspond to coordinate system shown on Figure 3B.
3. The soil classification descriptions identified in the table represent the predominant soil type for the respective intervals.
4. mg/kg = milligrams/kilograms (equivalent to ppm = parts per million).
5. --- indicates that the information is not available.
6. Duplicate results are presented in brackets.
7. B - Compound was found in the blank and sample.
8. J - The detected concentration is an estimated value.
9. U - Result edited to reflect non-detect by data validation company due to presence of cadmium in the associated preparation blank at similar concentrations.
10. < - Analyte not detected at the reporting limit shown.
11. NA = Not analyzed.
12. After three attempts, the sampling personnel were unable to advance the equipment through the sampling depth, and the soil sample was not collected.

**Table 1C**  
**Summary of Soil Classification and Analytical Data<sup>1</sup>**  
**West Branch of Bloody Brook**  
**Bloody Brook Voluntary Cleanup Program**  
**Onondaga County, New York**

| Boring ID | Figure Coordinates <sup>2</sup> | Sampling Interval | Analyte | Surface Elevation (ft) | Brook Elevation (ft) | Sample Elevation at Bottom of Interval (ft) | Sample Relation to Brook Level | General Soil Classification <sup>3</sup>                                     | Collection Date | Result (mg/kg) |
|-----------|---------------------------------|-------------------|---------|------------------------|----------------------|---|--------------------------------|--|-----------------|----------------|
| B-1       | G44                             | 0' - 2.5'         | Cadmium | ---                    | ---                  | ---   | ---                            | ---  | 11/25/2003      | 1.5            |
|           |                                 | 2.5' - 12'        | Cadmium |                        | ---                  | ---   | ---                            | ---  | 11/25/2003      | <0.63          |
| B-2       | G44                             | 7' - 8'           | Cadmium | ---                    | ---                  | ---   | ---                            | ---  | 11/25/2003      | <0.59          |
| B-3       | G44                             | 0' - 5'           | Cadmium | ---                    | ---                  | ---   | ---                            | ---  | 11/24/2003      | <0.61 [<0.61]  |
|           |                                 | 5' - 14'          | Cadmium |                        | ---                  | ---   | ---                            | ---  | 11/24/2003      | <0.64          |
| B-4       | E44                             | 0' - 2'           | Cadmium | ---                    | ---                  | ---   | ---                            | ---  | 11/24/2003      | <0.63          |
|           |                                 | 2' - 12'          | Cadmium |                        | ---                  | ---   | ---                            | ---  | 11/24/2003      | <0.71          |
| B-5       | D43                             | 0' - 1.5'         | Cadmium | ---                    | ---                  | ---   | ---                            | ---  | 11/24/2003      | <0.54          |
|           |                                 | 1.5' - 12'        | Cadmium |                        | ---                  | ---   | ---                            | ---  | 11/24/2003      | 7.5            |
| B-11      | C43                             | 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      | B43                             | 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-16-01  | D35                             | 0' - 1'           | Cadmium | 371.46                 | 363.58               | 370.46                                      | Above                          | Gravelly coarse sand with organics   | 8/24/2011       | 3.3            |
|           |                                 | 1' - 2'           | Cadmium |                        | 363.58               | 369.46                                      | Above                          | Gravelly coarse to fine sand with organics                                   | 8/24/2011       | 4.5            |
|           |                                 | 2' - 3'           | Cadmium |                        | 363.58               | 368.46                                      | Above                          | Gravelly coarse to fine sand with organics                                   | 8/24/2011       | 5.1            |
|           |                                 | 3' - 4'           | Cadmium |                        | 363.58               | 367.46                                      | Above                          | Coarse to fine sand with trace silt, gravel & organics                       | 8/24/2011       | 5.7            |
|           |                                 | 4' - 5'           | Cadmium |                        | 363.58               | 366.46                                      | Above                          | Clayey silt  | 8/24/2011       | 0.19 J         |
|           |                                 | 5' - 6'           | Cadmium |                        | 363.58               | 365.46                                      | Above                          | Silty clay to clay at 6'   | 8/24/2011       | 0.14 J         |
| DI-16-02  | D35                             | 0' - 1'           | Cadmium | 375.41                 | 363.51               | 374.41                                      | Above                          | Fine sand, trace gravel  | 8/24/2011       | 45.0           |
|           |                                 | 1' - 2'           | Cadmium |                        | 363.51               | 373.41                                      | Above                          | Fine sand, little silt, some gravel  | 8/24/2011       | 59.6           |
|           |                                 | 2' - 3'           | Cadmium |                        | 363.51               | 372.41                                      | Above                          | Fine sand, trace gravel, organics & silt                                     | 8/24/2011       | 3.2            |
|           |                                 | 3' - 4'           | Cadmium |                        | 363.51               | 371.41                                      | Above                          | Coarse to fine gravelly sand   | 8/24/2011       | 0.81 J         |
|           |                                 | 4' - 5'           | Cadmium |                        | 363.51               | 370.41                                      | Above                          | Silt, little clay, little gravel & pebbles                                   | 8/24/2011       | 0.31           |
|           |                                 | 5' - 6'           | Cadmium |                        | 363.51               | 369.41                                      | Above                          | Silty clay   | 8/24/2011       | 0.17 J         |
| DI-16-03  | D36                             | 0' - 1'           | Cadmium | 369.66                 | 363.56               | 368.66                                      | Above                          | Organics, silt with pebbles, some sand                                       | 8/24/2011       | 6.2            |
|           |                                 | 1' - 2'           | Cadmium |                        | 363.56               | 367.66                                      | Above                          | Clayey silt, pebbles, trace fine sand  | 8/24/2011       | 0.33           |
|           |                                 | 2' - 3'           | Cadmium |                        | 363.56               | 366.66                                      | Above                          | Silty clay with organics to 2'-3" then silty sand, little gravel, trace clay | 8/24/2011       | 0.44 [0.17 J]  |
|           |                                 | 3' - 4'           | Cadmium |                        | 363.56               | 365.66                                      | Above                          | Gravelly sand (coarse to fine)   | 8/24/2011       | 0.040 J        |
|           |                                 | 4' - 5'           | Cadmium |                        | 363.56               | 364.66                                      | Above                          | Silt   | 8/24/2011       | 0.24           |
|           |                                 | 5' - 6'           | Cadmium |                        | 363.56               | 363.66                                      | At                             | Clayey silt to silty clay with depth   | 8/24/2011       | 0.13 J         |
| EPSOIL-4  | F44                             | 0' - 1'           | Cadmium | ---                    | ---                  | ---   | ---                            | ---  | 10/2001         | 4.5            |
| SB-13     | D37                             | 0' - 1'           | Cadmium | ---                    | ---                  | ---   | ---                            | ---  | 11/2001         | 14.4           |
|           |                                 | 1' - 2'           | Cadmium |                        | ---                  | ---   | ---                            | ---  | 11/2001         | <0.666         |
| SB-14     | C37                             | 0' - 1'           | Cadmium | ---                    | ---                  | ---   | ---                            | ---  | 11/2001         | 52.2           |
| SB-15     | D42                             | 1' - 2'           | Cadmium | ---                    | ---                  | ---   | ---                            | ---  | 11/2001         | 26.2 [9.8]     |
|           |                                 | 0' - 1'           | Cadmium |                        | ---                  | ---   | ---                            | ---  | 11/2001         | 30.2           |
| SB-16     | D43                             | 1' - 2'           | Cadmium | ---                    | ---                  | ---   | ---                            | ---  | 11/2001         | 44.8           |
| SB-17     | G44                             | 0' - 1'           | Cadmium | ---                    | ---                  | ---   | ---                            | ---  | 11/2001         | 28.9           |
| SB-18     | G44                             | 1' - 2'           | Cadmium | ---                    | ---                  | ---   | ---                            | ---  | 11/2001         | 27.7           |
| SB-19     | G44                             | 0' - 1'           | Cadmium | ---                    | ---                  | ---   | ---                            | ---  | 11/2001         | 32.1           |
| SB-20     | G44                             | 0' - 1'           | Cadmium | ---                    | ---                  | ---   | ---                            | ---  | 11/2001         | 6.25           |
| SB-75     | D35                             | 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          |
| SB-76     | D35                             | 3' - 4'           | Cadmium | ---                    | ---                  | ---   | ---                            | Clay   | 11/2002         | <0.61          |
|           |                                 | 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            |
| SB-77     | E36                             | 3' - 4'           | Cadmium | ---                    | ---                  | ---   | ---                            | Silty Sand   | 11/2002         | <0.52          |
|           |                                 | 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          |
| SB-78     | E36                             | 3' - 4'           | Cadmium | ---                    | ---                  | ---   | ---                            | Silty Sand   | 11/2002         | <0.57          |

**Table 1C**  
**Summary of Soil Classification and Analytical Data<sup>1</sup>**  
**West Branch of Bloody Brook**  
**Bloody Brook Voluntary Cleanup Program**  
**Onondaga County, New York**

| Boring ID | Figure Coordinates <sup>2</sup> | Sampling Interval | Analyte   | Surface Elevation (ft) | Brook Elevation (ft) | Sample Elevation at Bottom of Interval (ft) | Sample Relation to Brook Level | General Soil Classification <sup>3</sup> | Collection Date | Result (mg/kg) |
|-----------|---------------------------------|-------------------|-----------|------------------------|----------------------|---|--------------------------------|--|-----------------|----------------|
| SB-78     | C37                             | 3' - 4'           | Cadmium   | ---                    | ---                  | ---   | ---                            | Clay                                     | 11/2002         | <0.58          |
| SB-79     | C37                             | 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     | D40                             | 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     | D40                             | 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     | D40                             | 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            |
| SB-83     | C40                             | 3' - 4'           | Cadmium   | ---                    | ---                  | ---   | ---                            | Sandy Silt                               | 11/2002         | 1.3            |
|           |                                 | 0" - 6"           | Cadmium   |                        | ---                  | ---   | ---                            | ---                                      | 11/2002         | <0.52          |
|           |                                 | 6" - 12"          | Cadmium   |                        | ---                  | ---   | ---                            | ---                                      | 11/2002         | <0.51          |
|           |                                 | 0' - 4'           | Cadmium   |                        | ---                  | ---   | ---                            | Clay/Fill                                | 11/2002         | <0.55          |
| SB-84     | D42                             | 4' - 8'           | Cadmium   | ---                    | ---                  | ---   | ---                            | Clay/Wood/Peat                           | 11/2002         | <0.65          |
|           |                                 | 2' - 3'           | Cadmium   |                        | ---                  | ---   | ---                            | Peat                                     | 11/2002         | 11.4           |
| SB-85     | G44                             | 3' - 4'           | Cadmium   | ---                    | ---                  | ---   | ---                            | Sand                                     | 11/2002         | <0.79          |
| SB-85     | G44                             | 0' - 1'           | Cadmium   | ---                    | ---                  | ---   | ---                            | ---                                      | 11/2002         | 32.1           |
| SB-211    | D43                             | 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          |
| SB-212    | G44                             | 3' - 4'           | Cadmium   | ---                    | ---                  | ---   | ---                            | Sandy Silt                               | 11/2002         | <0.61          |
|           |                                 | 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          |
| SB-231    | G43                             | 3' - 4'           | Cadmium   | 366.68                 | ---                  | ---   | ---                            | Sandy Silt                               | 11/2002         | <0.75          |
|           |                                 | 4' - 5'           | Cadmium   |                        | 361.56               | 366.18                                      | Above                          | Silty Sand                               | 11/3/2003       | 1.0            |
|           |                                 | 5' - 6'           | Cadmium   |                        | 361.56               | 365.68                                      | Above                          | Silty Sand                               | 11/3/2003       | 0.82           |
|           |                                 | 6' - 7'           | Cadmium   |                        | 361.56               | 364.68                                      | Above                          | Silty Sand                               | 11/3/2003       | 0.72           |
|           |                                 | 7' - 8'           | Cadmium   |                        | 361.56               | 363.68                                      | Above                          | Silty Sand                               | 11/3/2003       | <0.60          |
|           |                                 | 0" - 6"           | Cadmium   |                        | 361.56               | 362.68                                      | Above                          | Silty Sand                               | 11/3/2003       | <0.64          |
|           |                                 | 6" - 12"          | Cadmium   |                        | 361.56               | 361.68                                      | At                             | Silty Sand to Organic Clayey Silt        | 11/3/2003       | <0.63          |
|           |                                 | 1' - 2'           | Cadmium   |                        | 361.56               | 360.68                                      | Below                          | Organic Clayey Silt                      | 11/3/2003       | <0.68          |
|           |                                 | 2' - 3'           | Cadmium   |                        | 361.56               | 359.68                                      | Below                          | Organic Clayey Silt                      | 11/3/2003       | <0.59          |
| SB-232    | G42                             | 3' - 4'           | Cadmium   | 365.99                 | 361.56               | 358.68                                      | Below                          | Sand/Gravel/ Shells                      | 11/3/2003       | <0.74          |
|           |                                 | 4' - 5'           | Cadmium   |                        | 361.32               | 365.49                                      | Above                          | Silty Sand                               | 11/3/2003       | 23.9           |
|           |                                 | 0" - 6"           | Cadmium   |                        | 361.32               | 364.99                                      | Above                          | Silty Sand                               | 11/3/2003       | 21.6           |
|           |                                 | 6" - 12"          | Cadmium   |                        | 361.32               | 363.99                                      | Above                          | Silty Sand                               | 11/3/2003       | 40.8           |
|           |                                 | 1' - 2'           | Cadmium   |                        | 361.32               | 362.99                                      | Above                          | Silty Sand                               | 11/3/2003       | 5.3            |
|           |                                 | 2' - 3'           | Cadmium   |                        | 361.32               | 361.99                                      | Above                          | Silty Sand to Organic Clayey Silt        | 11/3/2003       | <0.71          |
| SB-418    | E36                             | 3' - 4'           | Cadmium   | 369.94                 | 361.32               | 360.99                                      | At                             | Organic Clayey Silt                      | 11/3/2003       | <0.70          |
|           |                                 | 4' - 5'           | Cadmium   |                        | 363.62               | 369.44                                      | Above                          | Fill                                     | 11/3/2003       | 0.96           |
|           |                                 | 0" - 6"           | Cadmium   |                        | 363.62               | 368.94                                      | Above                          | Fill                                     | 11/3/2003       | 0.70           |
|           |                                 | 6" - 12"          | Cadmium   |                        | 363.62               | 367.94                                      | Above                          | Fill                                     | 11/3/2003       | 0.75           |
|           |                                 | 1' - 2'           | Cadmium   |                        | 363.62               | 366.94                                      | Above                          | Silty Sand/ Gravel                       | 11/3/2003       | <0.55          |
|           |                                 | 2' - 3'           | Cadmium   |                        | 363.62               | 365.94                                      | Above                          | Silty Sand to Organic Clayey Silt        | 11/3/2003       | 25.1           |
|           |                                 | 3' - 4'           | Cadmium   |                        | 363.62               | 364.94                                      | Above                          | Organic Clayey Silt                      | 11/3/2003       | 0.65           |
|           |                                 | 4' - 5'           | Cadmium   |                        | 363.62               | 364.94                                      | Above                          | Organic Clayey Silt                      | 11/3/2003       | 0.65           |

**Table 1C**  
**Summary of Soil Classification and Analytical Data<sup>1</sup>**  
**West Branch of Bloody Brook**  
**Bloody Brook Voluntary Cleanup Program**  
**Onondaga County, New York**

| Boring ID | Figure Coordinates <sup>2</sup> | Sampling Interval | Analyte | Surface Elevation (ft) | Brook Elevation (ft) | Sample Elevation at Bottom of Interval (ft) | Sample Relation to Brook Level | General Soil Classification <sup>3</sup>                    | Collection Date | Result (mg/kg) |
|-----------|---------------------------------|-------------------|---------|------------------------|----------------------|---|--------------------------------|---|-----------------|----------------|
| SB-419    | D36                             | 0" - 6"           | Cadmium | 370.41                 | 363.54               | 369.91                                      | Above                          | Fill  | 11/3/2003       | 1.8            |
|           |                                 | 6" - 12"          | Cadmium |                        | 363.54               | 369.41                                      | Above                          | Fill  | 11/3/2003       | 0.8            |
|           |                                 | 1' - 2'           | Cadmium |                        | 363.54               | 368.41                                      | Above                          | Fill  | 11/3/2003       | 1.7            |
|           |                                 | 2' - 3'           | Cadmium |                        | 363.54               | 367.41                                      | Above                          | Fill  | 11/3/2003       | 0.58           |
|           |                                 | 3' - 4'           | Cadmium |                        | 363.54               | 366.41                                      | Above                          | Fill  | 11/3/2003       | 2.5            |
|           |                                 | 4' - 5'           | Cadmium |                        | 363.54               | 365.41                                      | Above                          | Organic Clayey Silt   | 11/3/2003       | 1.3            |
| SB-420    | D35                             | 0" - 6"           | Cadmium | 370.42                 | 363.54               | 369.92                                      | Above                          | Fill  | 11/3/2003       | 64.0           |
|           |                                 | 6" - 12"          | Cadmium |                        | 363.54               | 369.42                                      | Above                          | Fill  | 11/3/2003       | 87.1           |
|           |                                 | 1' - 2'           | Cadmium |                        | 363.54               | 368.42                                      | Above                          | Fill  | 11/3/2003       | 63.5           |
|           |                                 | 2' - 3'           | Cadmium |                        | 363.54               | 367.42                                      | Above                          | Fill  | 11/3/2003       | 1.9            |
|           |                                 | 3' - 4'           | Cadmium |                        | 363.54               | 366.42                                      | Above                          | Fill to Organic Clayey Silt                                 | 11/3/2003       | 2.9            |
|           |                                 | 4' - 5'           | Cadmium |                        | 363.54               | 365.42                                      | Above                          | Organic Clayey Silt   | 11/3/2003       | 1.1            |
| SB-421    | D36                             | 0" - 6"           | Cadmium | 371.01                 | 363.46               | 370.51                                      | Above                          | Fill  | 11/3/2003       | 1.9            |
|           |                                 | 6" - 12"          | Cadmium |                        | 363.46               | 370.01                                      | Above                          | Fill  | 11/3/2003       | 0.60           |
|           |                                 | 1' - 2'           | Cadmium |                        | 363.46               | 369.01                                      | Above                          | Fill  | 11/3/2003       | 1.3            |
|           |                                 | 2' - 3'           | Cadmium |                        | 363.46               | 368.01                                      | Above                          | Fill  | 11/3/2003       | 3.6 [3.1]      |
|           |                                 | 3' - 4'           | Cadmium |                        | 363.46               | 367.01                                      | Above                          | Fill  | 11/3/2003       | <0.54          |
|           |                                 | 4' - 5'           | Cadmium |                        | 363.46               | 366.01                                      | Above                          | Silty Sand  | 11/3/2003       | <0.52          |
| SB-422    | D36                             | 0" - 6"           | Cadmium | 370.64                 | 363.46               | 370.14                                      | Above                          | Fill  | 11/3/2003       | 53.5           |
|           |                                 | 6" - 12"          | Cadmium |                        | 363.46               | 369.64                                      | Above                          | Fill  | 11/3/2003       | 57.7           |
|           |                                 | 1' - 2'           | Cadmium |                        | 363.46               | 368.64                                      | Above                          | Fill  | 11/3/2003       | 2.5            |
|           |                                 | 2' - 3'           | Cadmium |                        | 363.46               | 367.64                                      | Above                          | Fill  | 11/3/2003       | 0.62           |
|           |                                 | 3' - 4'           | Cadmium |                        | 363.46               | 366.64                                      | Above                          | Fill to Organic Clayey Silt                                 | 11/3/2003       | 1.2            |
|           |                                 | 4' - 5'           | Cadmium |                        | 363.46               | 365.64                                      | Above                          | Organic Clayey Silt   | 11/3/2003       | 0.62           |
| SB-423    | E36                             | 0" - 6"           | Cadmium | 371.94                 | 363.79               | 371.44                                      | Above                          | Asphalt   | 10/31/2003      | <0.53          |
|           |                                 | 6" - 12"          | Cadmium |                        | 363.79               | 370.94                                      | Above                          | Sand/Gravel   | 10/31/2003      | <0.52          |
|           |                                 | 0' - 2'           | Cadmium |                        | 363.79               | 369.94                                      | Above                          | Asphalt/ Sand/ Gravel/ Fill                                 | 10/31/2003      | <0.54          |
|           |                                 | 2' - 4'           | Cadmium |                        | 363.79               | 367.94                                      | Above                          | Fill  | 10/31/2003      | <0.56          |
|           |                                 | 4' - 6'           | Cadmium |                        | 363.79               | 365.94                                      | Above                          | Fill to Sand  | 10/31/2003      | <0.56 [<0.28]  |
|           |                                 | 6' - 8'           | Cadmium |                        | 363.79               | 363.94                                      | At                             | Clay  | 10/31/2003      | <0.63          |
| SB-424    | F36                             | 0" - 6"           | Cadmium | 371.98                 | 363.83               | 371.48                                      | Above                          | Asphalt   | 10/31/2003      | <0.53          |
|           |                                 | 6" - 12"          | Cadmium |                        | 363.83               | 370.98                                      | Above                          | Fill  | 10/31/2003      | <0.57          |
|           |                                 | 0' - 2'           | Cadmium |                        | 363.83               | 369.98                                      | Above                          | Fill  | 10/31/2003      | <0.59          |
|           |                                 | 2' - 4'           | Cadmium |                        | 363.83               | 367.98                                      | Above                          | Fill to Sand/Gravel/Cobbles                                 | 10/31/2003      | <0.57          |
|           |                                 | 4' - 6'           | Cadmium |                        | 363.83               | 365.98                                      | Above                          | Sand/Gravel/Cobbles to Silty Sand                           | 10/31/2003      | <0.58          |
|           |                                 | 6' - 8'           | Cadmium |                        | 363.83               | 363.98                                      | At                             | Silty Sand to Organic Silty Clay to Organic Clay            | 10/31/2003      | <0.62          |
|           |                                 | 8' - 10'          | Cadmium |                        | 363.83               | 361.98                                      | Below                          | Organic Clay  | 10/31/2003      | <0.61          |
|           |                                 | 10' - 12'         | Cadmium |                        | 363.83               | 359.98                                      | Below                          | Sand to Clay  | 10/31/2003      | <0.61          |
| SB-425    | F36                             | 0" - 6"           | Cadmium | 371.79                 | 363.85               | 371.29                                      | Above                          | Asphalt   | 10/31/2003      | <0.53          |
|           |                                 | 6" - 12"          | Cadmium |                        | 363.85               | 370.79                                      | Above                          | Silty Sand/ Gravel/Cobbles                                  | 10/31/2003      | <0.55          |
|           |                                 | 0' - 2'           | Cadmium |                        | 363.85               | 369.79                                      | Above                          | Asphalt/ Silty Sand/ Gravel/Cobbles                         | 10/31/2003      | <0.54          |
|           |                                 | 2' - 4'           | Cadmium |                        | 363.85               | 367.79                                      | Above                          | Silty Sand/ Gravel/Cobbles to Sand                          | 10/31/2003      | <0.55          |
|           |                                 | 4' - 6'           | Cadmium |                        | 363.85               | 365.79                                      | Above                          | Sand to Organic Clayey Silt                                 | 10/31/2003      | 22.0           |
|           |                                 | 6' - 8'           | Cadmium |                        | 363.85               | 363.79                                      | At                             | Organic Clayey Silt to Clay                                 | 10/31/2003      | <0.63          |
|           |                                 | 8' - 10'          | Cadmium |                        | 363.85               | 361.79                                      | Below                          | Silty Clay to Clay/ Sand/Gravel to Clay to Sand with Shells | 10/31/2003      | 6.8            |
|           |                                 | 10' - 12'         | Cadmium |                        | 363.85               | 359.79                                      | Below                          | Sand with shells to Clay                                    | 10/31/2003      | <0.59          |
| SB-426    | F38                             | 0" - 6"           | Cadmium | 371.98                 | 362.55               | 371.48                                      | Above                          | Fill  | 10/31/2003      | <0.58          |
|           |                                 | 6" - 12"          | Cadmium |                        | 362.55               | 370.98                                      | Above                          | Fill  | 10/31/2003      | <0.58          |
|           |                                 | 0' - 2'           | Cadmium |                        | 362.55               | 369.98                                      | Above                          | Fill  | 10/31/2003      | <0.56          |
|           |                                 | 2' - 4'           | Cadmium |                        | 362.55               | 367.98                                      | Above                          | Silt/Sand/ Gravel/Cobble                                    | 10/31/2003      | <0.55 [<0.56]  |
|           |                                 | 4' - 6'           | Cadmium |                        | 362.55               | 365.98                                      | Above                          | Organic Clayey Silt   | 10/31/2003      | 28.9           |
|           |                                 | 6' - 8'           | Cadmium |                        | 362.55               | 363.98                                      | Above                          | Organic Clayey Silt   | 10/31/2003      | 21.1           |
|           |                                 | 8' - 10'          | Cadmium |                        | 362.55               | 361.98                                      | Below                          | Organic Clayey Silt to Sand with Shells                     | 10/31/2003      | 11.7           |
|           |                                 | 10' - 12'         | Cadmium |                        | 362.55               | 359.98                                      | Below                          | Clay to Organic Silty Clay to Silty Sand with Shells        | 10/31/2003      | <0.789         |
| SB-427    | F38                             | 0" - 6"           | Cadmium | 371.91                 | 362.57               | 371.41                                      | Above                          | Fill  | 10/31/2003      | <0.59          |
|           |                                 | 6" - 12"          | Cadmium |                        | 362.57               | 370.91                                      | Above                          | Fill  | 10/31/2003      | <0.59          |
|           |                                 | 0' - 2'           | Cadmium |                        | 362.57               | 369.91                                      | Above                          | Fill  | 10/31/2003      | <0.58          |
|           |                                 | 2' - 4'           | Cadmium |                        | 362.57               | 367.91                                      | Above                          | Fill  | 10/31/2003      | <0.55          |
|           |                                 | 4' - 6'           | Cadmium |                        | 362.57               | 365.91                                      | Above                          | Fill to Gravel/Sand/ Ceramic                                | 10/31/2003      | 0.85           |
|           |                                 | 6' - 8'           | Cadmium |                        | 362.57               | 363.91                                      | Above                          | Organic Silty Clay  | 10/31/2003      | 4.8            |
|           |                                 | 8' - 10'          | Cadmium |                        | 362.57               | 361.91                                      | Below                          | Sand with shells to Clay                                    | 10/31/2003      | <0.750         |
|           |                                 | 10' - 12'         | Cadmium |                        | 362.57               | 359.91                                      | Below                          | Silky Clay, Wood at 10'                                     | 10/31/2003      | <0.832         |

**Table 1C**  
**Summary of Soil Classification and Analytical Data<sup>1</sup>**  
**West Branch of Bloody Brook**  
**Bloody Brook Voluntary Cleanup Program**  
**Onondaga County, New York**

| Boring ID | Figure Coordinates <sup>2</sup> | Sampling Interval | Analyte | Surface Elevation (ft) | Brook Elevation (ft) | Sample Elevation at Bottom of Interval (ft) | Sample Relation to Brook Level | General Soil Classification <sup>3</sup>             | Collection Date | Result (mg/kg) |
|-----------|---------------------------------|-------------------|---------|------------------------|----------------------|---|--------------------------------|--|-----------------|----------------|
| SB-428    | F38                             | 0" - 6"           | Cadmium | 370.79                 | 362.60               | 370.29                                      | Above                          | Sand/Gravel/Cobbles                                  | 10/31/2003      | <0.57          |
|           |                                 | 6" - 12"          | Cadmium |                        | 362.60               | 369.79                                      | Above                          | Sand/Gravel/Cobbles                                  | 10/31/2003      | <0.55          |
|           |                                 | 0' - 2'           | Cadmium |                        | 362.60               | 368.79                                      | Above                          | Sand/Gravel/Cobbles                                  | 10/31/2003      | <0.54          |
|           |                                 | 2' - 4'           | Cadmium |                        | 362.60               | 366.79                                      | Above                          | Sand/Gravel/Cobbles                                  | 10/31/2003      | <0.55          |
|           |                                 | 4' - 6'           | Cadmium |                        | 362.60               | 364.79                                      | Above                          | Sand/Gravel/Cobbles                                  | 10/31/2003      | <0.56          |
|           |                                 | 6' - 8'           | Cadmium |                        | 362.60               | 362.79                                      | At                             | Organic Silty Clay (ceramics at 6"-6") to Clay       | 10/31/2003      | 28.7           |
|           |                                 | 8' - 10'          | Cadmium |                        | 362.60               | 360.79                                      | Below                          | Clay   | 10/31/2003      | <0.693         |
|           |                                 | 10' - 12'         | Cadmium |                        | 362.60               | 358.79                                      | Below                          | Organic Silty Sand to Sand with Shells               | 10/31/2003      | 1.02           |
| SB-429    | F40                             | 0" - 6"           | Cadmium | 372.73                 | 361.16               | 372.23                                      | Above                          | Fill   | 10/31/2003      | <0.60          |
|           |                                 | 6" - 12"          | Cadmium |                        | 361.16               | 371.73                                      | Above                          | Fill   | 10/31/2003      | 0.58           |
|           |                                 | 0' - 2'           | Cadmium |                        | 361.16               | 370.73                                      | Above                          | Fill   | 10/31/2003      | <0.54          |
|           |                                 | 2' - 4'           | Cadmium |                        | 361.16               | 368.73                                      | Above                          | Fill   | 10/31/2003      | <0.55          |
|           |                                 | 4' - 6'           | Cadmium |                        | 361.16               | 366.73                                      | Above                          | Clay   | 10/31/2003      | 0.67 [0.62]    |
|           |                                 | 6' - 8'           | Cadmium |                        | 361.16               | 364.73                                      | Above                          | Silty Sand/ Gravel, Organic Clay, Ceramics           | 10/31/2003      | <0.54          |
|           |                                 | 8' - 10'          | Cadmium |                        | 361.16               | 362.73                                      | Above                          | Ceramics to Organic Clayey Silt                      | 10/31/2003      | 5.7            |
|           |                                 | 10' - 12'         | Cadmium |                        | 361.16               | 360.73                                      | At                             | Organic Clayey Silt                                  | 10/31/2003      | 0.73           |
|           |                                 | 12' - 14'         | Cadmium |                        | 361.16               | 358.73                                      | Below                          | Organic Clayey Silt                                  | 10/31/2003      | 0.99           |
|           |                                 | 14' - 16'         | Cadmium |                        | 361.16               | 356.73                                      | Below                          | Clay to Sand/Gravel/ Shells                          | 10/31/2003      | <0.71          |
|           |                                 | 0" - 6"           | Cadmium | 373.62                 | 361.16               | 373.12                                      | Above                          | Fill   | 10/31/2003      | <0.56          |
|           |                                 | 6" - 12"          | Cadmium |                        | 361.16               | 372.62                                      | Above                          | Fill   | 10/31/2003      | 0.59           |
|           |                                 | 0' - 2'           | Cadmium |                        | 361.16               | 371.62                                      | Above                          | Fill   | 10/31/2003      | <0.57          |
|           |                                 | 2' - 4'           | Cadmium |                        | 361.16               | 369.62                                      | Above                          | Fill   | 10/31/2003      | 0.57           |
|           |                                 | 4' - 6'           | Cadmium |                        | 361.16               | 367.62                                      | Above                          | Fill   | 10/31/2003      | <0.57          |
|           |                                 | 6' - 8'           | Cadmium |                        | 361.16               | 365.62                                      | Above                          | Concrete to Sand/Gravel to Silty Sand                | 10/31/2003      | <0.55          |
|           |                                 | 8' - 10'          | Cadmium |                        | 361.16               | 363.62                                      | Above                          | Silty Sand   | 10/31/2003      | <0.59          |
|           |                                 | 10' - 12'         | Cadmium |                        | 361.16               | 361.62                                      | At                             | Gravel/Cobbles/Shells to Silty Clay                  | 10/31/2003      | 2.5            |
| SB-431    | G40                             | 0" - 6"           | Cadmium | 374.38                 | 361.02               | 373.88                                      | Above                          | Fill   | 10/31/2003      | <0.54          |
|           |                                 | 6" - 12"          | Cadmium |                        | 361.02               | 373.38                                      | Above                          | Fill   | 10/31/2003      | <0.54          |
|           |                                 | 0' - 2'           | Cadmium |                        | 361.02               | 372.38                                      | Above                          | Fill   | 10/31/2003      | <0.54          |
|           |                                 | 2' - 4'           | Cadmium |                        | 361.02               | 370.38                                      | Above                          | Fill to Sand/Gravel                                  | 10/31/2003      | 3.0            |
|           |                                 | 4' - 6'           | Cadmium |                        | 361.02               | 368.38                                      | Above                          | Silt/Sand/ Gravel to Fill                            | 10/31/2003      | 0.78           |
|           |                                 | 6' - 8'           | Cadmium |                        | 361.02               | 366.38                                      | Above                          | Fill   | 10/31/2003      | 0.71           |
|           |                                 | 8' - 10'          | Cadmium |                        | 361.02               | 364.38                                      | Above                          | Cobbles/Ceramic to Silty Sand to Ceramics            | 10/31/2003      | <0.57          |
|           |                                 | 10' - 12'         | Cadmium |                        | 361.02               | 362.38                                      | Above                          | Organic Silty Clay                                   | 10/31/2003      | 3.3            |
|           |                                 | 0" - 6"           | Cadmium | 364.60                 | 361.05               | 364.10                                      | Above                          | Organic Silt/Sand                                    | 11/3/2003       | 13.8           |
| SB-432    | F42                             | 6" - 12"          | Cadmium |                        | 361.05               | 363.60                                      | Above                          | Organic Silt/Sand                                    | 11/3/2003       | <0.50          |
|           |                                 | 1' - 2'           | Cadmium |                        | 361.05               | 362.60                                      | Above                          | Silty Sand   | 11/3/2003       | 3.0            |
|           |                                 | 2' - 3'           | Cadmium |                        | 361.05               | 361.6                                       | Above                          | Silty Sand   | 11/3/2003       | <0.64          |
|           |                                 | 3' - 4'           | Cadmium |                        | 361.05               | 360.6                                       | At                             | Silty Sand to Organic Clayey Silt                    | 11/3/2003       | <0.75          |
|           |                                 | 4' - 5'           | Cadmium |                        | 361.05               | 359.6                                       | Below                          | Sand/Gravel/ Shells                                  | 11/3/2003       | <0.75          |
|           |                                 | 0" - 6"           | Cadmium | 371.73                 | 362.02               | 371.23                                      | Above                          | Fill   | 10/31/2003      | 0.66           |
|           |                                 | 6" - 12"          | Cadmium |                        | 362.02               | 370.73                                      | Above                          | Fill   | 10/31/2003      | 1.0            |
| SB-433    | E40                             | 0' - 2'           | Cadmium |                        | 362.02               | 369.73                                      | Above                          | Fill   | 10/31/2003      | 0.99           |
|           |                                 | 2' - 4'           | Cadmium |                        | 362.02               | 367.73                                      | Above                          | Fill   | 10/31/2003      | 0.66           |
|           |                                 | 4' - 6'           | Cadmium |                        | 362.02               | 365.73                                      | Above                          | Fill   | 10/31/2003      | 1.2            |
|           |                                 | 6' - 8'           | Cadmium |                        | 362.02               | 363.73                                      | Above                          | Fill to Silty Sand/ Ceramics                         | 10/31/2003      | <0.57          |
|           |                                 | 8' - 10'          | Cadmium |                        | 362.02               | 361.73                                      | At                             | Organic Clayey Silt                                  | 10/31/2003      | 0.8            |
|           |                                 | 10' - 12'         | Cadmium |                        | 362.02               | 359.73                                      | Below                          | Organic Clayey Silt                                  | 10/31/2003      | <0.70          |
|           |                                 | 0" - 6"           | Cadmium | 371.77                 | 361.89               | 371.27                                      | Above                          | Fill   | 10/31/2003      | 0.61           |
|           |                                 | 6" - 12"          | Cadmium |                        | 361.89               | 370.77                                      | Above                          | Fill   | 10/31/2003      | 0.68           |
| SB-434    | E41                             | 0' - 2'           | Cadmium |                        | 361.89               | 369.77                                      | Above                          | Fill   | 10/31/2003      | <0.57          |
|           |                                 | 2' - 4'           | Cadmium |                        | 361.89               | 367.77                                      | Above                          | Fill   | 10/31/2003      | 1.9            |
|           |                                 | 4' - 6'           | Cadmium |                        | 361.89               | 365.77                                      | Above                          | Fill   | 10/31/2003      | 1.3            |
|           |                                 | 6' - 8'           | Cadmium |                        | 361.89               | 363.77                                      | Above                          | Fill to Silty Sand/ Ceramics                         | 10/31/2003      | 1.3 [<0.54]    |
|           |                                 | 8' - 10'          | Cadmium |                        | 361.89               | 361.77                                      | At                             | Organic Clayey Silt/ Ceramics to Sand/Gravel/ Shells | 10/31/2003      | <0.78          |
|           |                                 | 10' - 12'         | Cadmium |                        | 361.89               | 359.77                                      | Below                          | Sand/Gravel/ Shells                                  | 10/31/2003      | <0.79          |

**Table 1C**  
**Summary of Soil Classification and Analytical Data<sup>1</sup>**  
**West Branch of Bloody Brook**  
**Bloody Brook Voluntary Cleanup Program**  
**Onondaga County, New York**

**Notes:**

1. Boring locations are shown on Figure 3C.
2. Figure coordinates correspond to coordinate system shown on Figure 3C.
3. The soil classification descriptions identified in the table represent the predominant soil type for the respective intervals.
4. mg/kg = milligrams/kilograms (equivalent to ppm = parts per million).
5. --- indicates that the information is not available.
6. Duplicate results are presented in brackets.
7. NA = Not analyzed.
8. J - The detected concentration is an estimated value.
9. < - Analyte not detected at the reporting limit shown.

**TABLE 2A**  
**Proposed Additional Design Soil Investigation Samples<sup>1</sup>**  
**West Branch of Bloody Brook**  
**Bloody Brook Voluntary Cleanup Program**  
**Onondaga County, New York**

| Boring ID               | Figure Coordinates <sup>2</sup> | Sample Depth Interval <sup>3</sup> | Analysis Approach <sup>4</sup> |
|-------------------------|---------------------------------|------------------------------------|--------------------------------|
| <b>Residential Area</b> |                                 |                                    |                                |
| DI-62-01                | C15                             | 0' - 1'                            | Analyze                        |
|                         |                                 | 1' - 2'                            | Hold <sup>5</sup>              |
|                         |                                 | 2' - 3'                            | Hold <sup>5</sup>              |
|                         |                                 | 3' - 4'                            | Hold <sup>5</sup>              |
| DI-62-02                | C15                             | 0' - 1'                            | Hold <sup>5</sup>              |
|                         |                                 | 1' - 2'                            | Hold <sup>5</sup>              |
|                         |                                 | 2' - 3'                            | Hold <sup>5</sup>              |
|                         |                                 | 3' - 4'                            | Hold <sup>5</sup>              |

Notes:

1. Proposed boring locations are shown on Figure 3A.
2. Figure coordinates correspond to coordinate system shown on Figure 3A.
3. All samples will be collected using a stainless steel hand auger. If refusal is encountered, additional attempts will be made in the same general area as the proposed sample location. In the event of refusal, limited sample recovery, or the presence of an obstruction, the sample will not be collected and the reason for not collecting the sample will be documented.
4. 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.
5. 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 Additional Design Soil Investigation Samples<sup>1</sup>**  
**West Branch of Bloody Brook**  
**Bloody Brook Voluntary Cleanup Program**  
**Onondaga County, New York**

| Boring ID                                 | Figure Coordinates <sup>2</sup> | Sample Depth Interval <sup>3</sup> | Analysis Approach <sup>4</sup> |
|---|---------------------------------|------------------------------------|--------------------------------|
| <b>Residential/Apartment Complex Area</b> |                                 |                                    |                                |
| DI-55-03                                  | E23                             | 0' - 1'                            | No Sample                      |
|   |                                 | 1' - 2'                            | No Sample                      |
|   |                                 | 2' - 3'                            | Analyze                        |
|   |                                 | 3' - 4'                            | Analyze                        |
|   |                                 | 4' - 5'                            | Analyze                        |
| DI-55-04                                  | E23                             | 0' - 1'                            | Hold <sup>5</sup>              |
|   |                                 | 1' - 2'                            | Hold <sup>5</sup>              |
|   |                                 | 2' - 3'                            | Hold <sup>5</sup>              |
|   |                                 | 3' - 4'                            | Hold <sup>5</sup>              |
|   |                                 | 4' - 5'                            | Hold <sup>5</sup>              |
|   |                                 | 5' - 6'                            | Hold <sup>5</sup>              |
| DI-58-03                                  | E27                             | 0' - 1'                            | Analyze                        |
|   |                                 | 1' - 2'                            | Analyze                        |
|   |                                 | 2' - 3'                            | Analyze                        |
|   |                                 | 3' - 4'                            | Analyze                        |
|   |                                 | 4' - 5'                            | Hold <sup>6</sup>              |
|   |                                 | 5' - 6'                            | Hold <sup>6</sup>              |
| DI-58-04                                  | E27                             | 0' - 1'                            | Hold <sup>6</sup>              |
|   |                                 | 1' - 2'                            | Hold <sup>6</sup>              |
|   |                                 | 2' - 3'                            | Hold <sup>6</sup>              |
|   |                                 | 3' - 4'                            | Hold <sup>6</sup>              |
|   |                                 | 4' - 5'                            | Hold <sup>6</sup>              |
|   |                                 | 5' - 6'                            | Hold <sup>6</sup>              |
| DI-63-01                                  | E19                             | 0' - 1'                            | Analyze                        |
|   |                                 | 1' - 2'                            | Hold <sup>5</sup>              |
|   |                                 | 2' - 3'                            | Hold <sup>5</sup>              |
|   |                                 | 3' - 4'                            | Hold <sup>5</sup>              |
| DI-63-02                                  | E19                             | 0' - 1'                            | Hold <sup>5</sup>              |
|   |                                 | 1' - 2'                            | Hold <sup>5</sup>              |
|   |                                 | 2' - 3'                            | Hold <sup>5</sup>              |
|   |                                 | 3' - 4'                            | Hold <sup>5</sup>              |
| DI-63-03                                  | E19                             | 0' - 1'                            | Hold <sup>5</sup>              |
|   |                                 | 1' - 2'                            | Hold <sup>5</sup>              |
|   |                                 | 2' - 3'                            | Hold <sup>5</sup>              |
|   |                                 | 3' - 4'                            | Hold <sup>5</sup>              |
| DI-64-01                                  | E21                             | 0' - 1'                            | Analyze                        |
|   |                                 | 1' - 2'                            | Analyze                        |
|   |                                 | 2' - 3'                            | Hold <sup>5</sup>              |
|   |                                 | 3' - 4'                            | Hold <sup>5</sup>              |
| DI-64-02                                  | E21                             | 0' - 1'                            | Analyze                        |
|   |                                 | 1' - 2'                            | Hold <sup>5</sup>              |
|   |                                 | 2' - 3'                            | Hold <sup>5</sup>              |
|   |                                 | 3' - 4'                            | Hold <sup>5</sup>              |

**TABLE 2B**  
**Proposed Additional Design Soil Investigation Samples<sup>1</sup>**  
**West Branch of Bloody Brook**  
**Bloody Brook Voluntary Cleanup Program**  
**Onondaga County, New York**

| Boring ID | Figure Coordinates <sup>2</sup> | Sample Depth Interval <sup>3</sup> | Analysis Approach <sup>4</sup> |
|-----------|---------------------------------|------------------------------------|--------------------------------|
| DI-67-01  | E27                             | 0' - 1'                            | Analyze                        |
|           |                                 | 1' - 2'                            | Analyze                        |
|           |                                 | 2' - 3'                            | Analyze                        |
|           |                                 | 3' - 4'                            | Analyze                        |
| DI-67-02  | E27                             | 0' - 1'                            | Hold <sup>6</sup>              |
|           |                                 | 1' - 2'                            | Hold <sup>6</sup>              |
|           |                                 | 2' - 3'                            | Hold <sup>6</sup>              |
|           |                                 | 3' - 4'                            | Hold <sup>6</sup>              |
| DI-68-01  | E28                             | 0' - 1'                            | Analyze                        |
|           |                                 | 1' - 2'                            | Analyze                        |
|           |                                 | 2' - 3'                            | Analyze                        |
|           |                                 | 3' - 4'                            | Analyze                        |
| DI-68-02  | E28                             | 0' - 1'                            | Hold <sup>6</sup>              |
|           |                                 | 1' - 2'                            | Hold <sup>6</sup>              |
|           |                                 | 2' - 3'                            | Hold <sup>6</sup>              |
|           |                                 | 3' - 4'                            | Hold <sup>6</sup>              |
| DI-69-01  | D28                             | 0' - 1'                            | Analyze                        |
|           |                                 | 1' - 2'                            | Analyze                        |
|           |                                 | 2' - 3'                            | Analyze                        |
|           |                                 | 3' - 4'                            | Analyze                        |
| DI-69-02  | D28                             | 0' - 1'                            | Hold <sup>6</sup>              |
|           |                                 | 1' - 2'                            | Hold <sup>6</sup>              |
|           |                                 | 2' - 3'                            | Hold <sup>6</sup>              |
|           |                                 | 3' - 4'                            | Hold <sup>6</sup>              |
| DI-70-01  | D28                             | 0' - 1'                            | Analyze                        |
|           |                                 | 1' - 2'                            | Analyze                        |
|           |                                 | 2' - 3'                            | Hold <sup>6</sup>              |
|           |                                 | 3' - 4'                            | Hold <sup>6</sup>              |
|           |                                 | 4' - 5'                            | Hold <sup>6</sup>              |
|           |                                 | 5' - 6'                            | Hold <sup>6</sup>              |
| DI-70-02  | D28                             | 0' - 1'                            | Hold <sup>6</sup>              |
|           |                                 | 1' - 2'                            | Hold <sup>6</sup>              |
|           |                                 | 2' - 3'                            | Hold <sup>6</sup>              |
|           |                                 | 3' - 4'                            | Hold <sup>6</sup>              |
|           |                                 | 4' - 5'                            | Hold <sup>6</sup>              |
|           |                                 | 5' - 6'                            | Hold <sup>6</sup>              |
|           |                                 | 6' - 7'                            | Hold <sup>6</sup>              |
| DI-71-01  | D29                             | 0' - 1'                            | Analyze                        |
|           |                                 | 1' - 2'                            | Analyze                        |
|           |                                 | 2' - 3'                            | Analyze                        |
|           |                                 | 3' - 4'                            | Analyze                        |
| DI-71-02  | D29                             | 0' - 1'                            | Hold <sup>6</sup>              |
|           |                                 | 1' - 2'                            | Hold <sup>6</sup>              |
|           |                                 | 2' - 3'                            | Hold <sup>6</sup>              |
|           |                                 | 3' - 4'                            | Hold <sup>6</sup>              |

**TABLE 2B**  
**Proposed Additional Design Soil Investigation Samples<sup>1</sup>**  
**West Branch of Bloody Brook**  
**Bloody Brook Voluntary Cleanup Program**  
**Onondaga County, New York**

| Boring ID | Figure Coordinates <sup>2</sup> | Sample Depth Interval <sup>3</sup> | Analysis Approach <sup>4</sup> |
|-----------|---------------------------------|------------------------------------|--------------------------------|
| DI-72-01  | F19                             | 0' - 1'                            | Analyze                        |
|           |                                 | 1' - 2'                            | Analyze                        |
|           |                                 | 2' - 3'                            | Analyze                        |
|           |                                 | 3' - 4'                            | Analyze                        |
| DI-72-02  | F19                             | 0' - 1'                            | Hold <sup>5</sup>              |
|           |                                 | 1' - 2'                            | Hold <sup>5</sup>              |
|           |                                 | 2' - 3'                            | Hold <sup>5</sup>              |
|           |                                 | 3' - 4'                            | Hold <sup>5</sup>              |
| DI-73-01  | F19                             | 0' - 1'                            | Hold <sup>5</sup>              |
|           |                                 | 1' - 2'                            | Hold <sup>5</sup>              |
|           |                                 | 2' - 3'                            | Hold <sup>5</sup>              |
|           |                                 | 3' - 4'                            | Hold <sup>5</sup>              |
| DI-73-02  | F19                             | 0' - 1'                            | Hold <sup>5</sup>              |
|           |                                 | 1' - 2'                            | Hold <sup>5</sup>              |
|           |                                 | 2' - 3'                            | Hold <sup>5</sup>              |
|           |                                 | 3' - 4'                            | Hold <sup>5</sup>              |
| DI-74-01  | F19                             | 0' - 1'                            | Analyze                        |
|           |                                 | 1' - 2'                            | Analyze                        |
|           |                                 | 2' - 3'                            | Analyze                        |
|           |                                 | 3' - 4'                            | Analyze                        |
| DI-74-02  | F19                             | 0' - 1'                            | Hold <sup>5</sup>              |
|           |                                 | 1' - 2'                            | Hold <sup>5</sup>              |
|           |                                 | 2' - 3'                            | Hold <sup>5</sup>              |
|           |                                 | 3' - 4'                            | Hold <sup>5</sup>              |
| DI-75-01  | F21                             | 0' - 1'                            | Analyze                        |
|           |                                 | 1' - 2'                            | Analyze                        |
|           |                                 | 2' - 3'                            | Hold <sup>5</sup>              |
|           |                                 | 3' - 4'                            | Hold <sup>5</sup>              |
| DI-75-02  | F21                             | 0' - 1'                            | Hold <sup>5</sup>              |
|           |                                 | 1' - 2'                            | Hold <sup>5</sup>              |
|           |                                 | 2' - 3'                            | Hold <sup>5</sup>              |
|           |                                 | 3' - 4'                            | Hold <sup>5</sup>              |
| DI-76-01  | G23                             | 0' - 1'                            | Analyze                        |
|           |                                 | 1' - 2'                            | Analyze                        |
|           |                                 | 2' - 3'                            | Hold <sup>5</sup>              |
|           |                                 | 3' - 4'                            | Hold <sup>5</sup>              |
| DI-76-02  | G23                             | 0' - 1'                            | Hold <sup>5</sup>              |
|           |                                 | 1' - 2'                            | Hold <sup>5</sup>              |
|           |                                 | 2' - 3'                            | Hold <sup>5</sup>              |
|           |                                 | 3' - 4'                            | Hold <sup>5</sup>              |
| DI-77-01  | G23                             | 0' - 1'                            | Analyze                        |
|           |                                 | 1' - 2'                            | Analyze                        |
|           |                                 | 2' - 3'                            | Hold <sup>5</sup>              |
|           |                                 | 3' - 4'                            | Hold <sup>5</sup>              |

**TABLE 2B**  
**Proposed Additional Design Soil Investigation Samples<sup>1</sup>**  
**West Branch of Bloody Brook**  
**Bloody Brook Voluntary Cleanup Program**  
**Onondaga County, New York**

| Boring ID | Figure Coordinates <sup>2</sup> | Sample Depth Interval <sup>3</sup> | Analysis Approach <sup>4</sup> |
|-----------|---------------------------------|------------------------------------|--------------------------------|
| DI-79-01  | E23                             | 0' - 1'                            | Analyze                        |
|           |                                 | 1' - 2'                            | Analyze                        |
|           |                                 | 2' - 3'                            | Analyze                        |
|           |                                 | 3' - 4'                            | Analyze                        |
|           |                                 | 4' - 5'                            | Analyze                        |
| DI-79-02  | E23                             | 0' - 1'                            | Hold <sup>5</sup>              |
|           |                                 | 1' - 2'                            | Hold <sup>5</sup>              |
|           |                                 | 2' - 3'                            | Hold <sup>5</sup>              |
|           |                                 | 3' - 4'                            | Hold <sup>5</sup>              |
|           |                                 | 4' - 5'                            | Hold <sup>5</sup>              |

Notes:

1. Proposed boring locations are shown on Figure 3B.
2. Figure coordinates correspond to coordinate system shown on Figure 3B.
3. All samples will be collected using a stainless steel hand auger. If refusal is encountered, additional attempts will be made in the same general area as the proposed sample location. In the event of refusal, limited sample recovery, or the presence of an obstruction, the sample will not be collected and the reason for not collecting the sample will be documented.
4. 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.
5. 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.
6. 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.

**TABLE 2C**  
**Proposed Design Soil Investigation Samples<sup>1</sup>**  
**West Branch of Bloody Brook**  
**Bloody Brook Voluntary Cleanup Program**  
**Onondaga County, New York**

| Boring ID                               | Figure Coordinates <sup>2</sup> | Sample Depth Interval <sup>3</sup> | Analysis Approach <sup>4</sup> |
|---|---------------------------------|------------------------------------|--------------------------------|
| <b>Commercial/Light Industrial Area</b> |                                 |                                    |                                |
| DI-81-01                                | D36                             | 0' - 1'                            | Analyze                        |
|   |                                 | 1' - 2'                            | Hold <sup>5</sup>              |
|   |                                 | 2' - 3'                            | Hold <sup>5</sup>              |
|   |                                 | 3' - 4'                            | Hold <sup>5</sup>              |
| DI-81-02                                | D36                             | 0' - 1'                            | Hold <sup>5</sup>              |
|   |                                 | 1' - 2'                            | Hold <sup>5</sup>              |
|   |                                 | 2' - 3'                            | Hold <sup>5</sup>              |
|   |                                 | 3' - 4'                            | Hold <sup>5</sup>              |

Notes:

1. Proposed boring locations are shown on Figure 3C.
2. Figure coordinates correspond to coordinate system shown on Figure 3C.
3. All samples will be collected using a stainless steel hand auger. If refusal is encountered, additional attempts will be made in the same general area as the proposed sample location. In the event of refusal, limited sample recovery, or the presence of an obstruction, the sample will not be collected and the reason for not collecting the sample will be documented.
4. 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.
5. Analysis is contingent on results from successive samples listed above and from samples at consecutive depth intervals and based on discussions with Lockheed Martin and NYSDEC.

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***FIGURES***

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0' 2000' 4000'

APPROXIMATE SCALE

REFERENCE:

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

**AECOM**

LOCKHEED MARTIN CORPORATION

SITE LOCATION MAP

WEST BRANCH OF BLOODY BROOK  
ONONDAGA COUNTY, NEW YORK

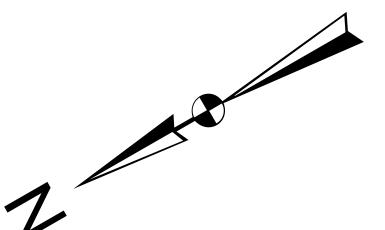
|                          |          |                         |                   |                 |
|--------------------------|----------|-------------------------|-------------------|-----------------|
| FILE NAME:<br>A1FIG1.dwg | DRN<br>— | PROJECT NO.<br>60194430 | DATE<br>03 / 2012 | FIGURE NO.<br>1 |
|--------------------------|----------|-------------------------|-------------------|-----------------|



#### Legend

- CURRENT BROOK ALIGNMENT
- WOODED AREA
- RESIDENTIAL-APARTMENT COMPLEX AREA
- COMMERCIAL-LIGHT INDUSTRIAL AREA

0 150 300 600 900  
Feet



**AECOM**

**FIGURE 2**  
**LOCKHEED MARTIN CORPORATION**  
**SITE AREA MAP**

**WEST BRANCH OF BLOODY BROOK**  
**ONONDAGA COUNTY, NEW YORK**

JULY 2012

60194430

