SDMS 268553

Pre-Design Investigation Work Plan for the Newell Street Area II Removal Action

General Electric Company Pittsfield, Massachusetts

October 2001







Corporate Environmental Programs General Electric Company 100 Woodlawn Avenue, Pittsfield, MA 01201

October 26, 2001

Bryan Olson EPA Project Coordinator U.S. Environmental Protection Agency EPA New England One Congress Street, Suite 1100 Boston, Massachusetts 02114-2023

Re:

GE-Pittsfield/Housatonic River Site Newell Street Area II (GECD450)

Pre-Design Investigation Work Plan

Dear Mr. Olson:

In accordance with the schedule in Attachment A to the Statement of Work for Removal Actions Outside the River, enclosed for review is General Electric Company's Pre-Design Investigation Work Plan for the Newell Street Area II Removal Action.

Please call Dick Gates or me if you have any questions about this Work Plan.

Very truly yours,

Andrew T. Silfer, P.E. GE Project Coordinator

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Western Massachusetts Electric Company

(owner of Parcels J9-23-6 and J9-23-8)

Affected Property Owner - Parcel J9-23-3

Affected Property Owner - Parcel J9-23-4

Public Information Repositories

GE Internal Repository

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1. Introduction

1.1 General

On October 27, 2000, a Consent Decree (CD) executed in 1999 by the General Electric Company (GE), the United States Environmental Protection Agency (EPA), the Massachusetts Department of Environmental Protection (MDEP), and several other government agencies was entered by the United States District Court for the District of Massachusetts. The CD governs (among other things) the performance of response actions to address polychlorinated biphenyls (PCBs) and other hazardous constituents in soils, sediment, and groundwater in several Removal Action Areas (RAAs) located in or near Pittsfield, Massachusetts, that are included within the GE-Pittsfield/Housatonic River Site (the Site). In addition, the CD requires the performance of a number of natural resource restoration/enhancement actions for several portions of the Site.

The CD and the accompanying Statement of Work for Removal Actions Outside the River (SOW) (Volume I of Appendix E to the CD) provide for the performance of numerous Removal Actions at the Site in areas located outside the Housatonic River. This Pre-Design Investigation Work Plan for the Newell Street Area II Removal Action (PDI Work Plan) describes the soil investigations proposed by GE for the Newell Street Area II RAA to support the subsequent evaluation and design of the soil-related Removal Action for this RAA. The results of these investigations, in combination with usable information from prior investigations within Newell Street Area II, will support the development of a Conceptual Removal Design/Removal Action (RD/RA) Work Plan. Following EPA approval of that document, GE will then prepare a final RD/RA Work Plan for this Removal Action.

This PDI Work Plan includes a summary of available soils information related to Newell Street Area II, an assessment of the adequacy of this information to characterize this area (relative to the soil investigation requirements established in the CD and SOW), and a proposal for additional soil investigations. Although the CD and SOW establish Performance Standards for response actions relating to soil, groundwater, and non-aqueous-phase liquid (NAPL), this PDI Work Plan focuses only on pre-design activities related to soils. Response actions related to groundwater and NAPL at Newell Street Area II are being addressed separately as part of activities for the Plant Site 1 Groundwater Management Area (GMA 1) pursuant to the CD and SOW.

1.2 Format of Document

The remainder of this PDI Work Plan is presented in five sections. Section 2 provides a summary of background information concerning Newell Street Area II, including a brief description of the area and a summary of prior soil investigations and the available soil analytical data. Section 3 discusses the applicable Performance Standards identified in the CD and SOW for soils within Newell Street Area II (with reference to an appendix for a more detailed presentation of those Performance Standards) and the pre-design soil investigation requirements. It also discusses the applicable requirements for natural resource restoration/enhancement activities within this area. Section 4 identifies the current data needs to support RD/RA activities for Newell Street Area II, presents an assessment of the general usability of existing data to satisfy those data needs, and proposes additional soil investigations to obtain the necessary data to fill those data needs. Section 5 summarizes the anticipated schedule for performing the proposed pre-design investigations. Finally, Section 6 provides a summary of anticipated Post-Removal Site Control activities for Newell Street Area II following completion of the Removal Action.

2. Background Information

2.1 General

This section of the PDI Work Plan provides a general summary of information concerning Newell Street Area II, with an emphasis on the soil analytical data available from prior investigations performed by GE in this area. Section 2.2 describes Newell Street Area II, while Section 2.3 summarizes the prior soil investigations and the available soil analytical data. Several tables and figures are included in this PDI Work Plan to supplement the information presented in this section.

2.2 Description of Newell Street Area II

Newell Street Area II occupies an area of approximately 8 acres and is generally bounded by the Housatonic River to the north, Newell Street and residential properties to the south, the Newell Street Area I RAA to the east, and Sackett Street to the west (Figure 1). This area originally consisted of land associated with certain oxbows or low-lying areas of the Housatonic River. Rechannelization and straightening of the Housatonic River in the early 1940s by the City of Pittsfield and United States Army Corps of Engineers separated these oxbows and low-lying areas from the active course of the river. The oxbows and low-lying areas were subsequently filled with various materials from a variety of sources, resulting in its current surface elevations and topography.

As shown on Figure 1, Newell Street Area II is composed of the following nine properties:

- Parcel 19-7-1:
- Parcel J9-23-1;
- Parcel J9-23-2;
- Parcel J9-23-3;
- Parcel J9-23-4:
- Parcel J9-23-5;
- Parcel J9-23-6;
- Parcel J9-23-8; and
- Parcel J9-23-12.

The largest of these properties (Parcel J9-23-12) is owned by GE and portions of that property have been historically utilized as an employee parking lot. The other properties are undeveloped and, pursuant to the CD and SOW, are considered to be "recreational" properties for the purposes of developing appropriate response actions. Finally, as shown on Figure 1, several properties associated with Newell Street Area II are adjacent to the Housatonic River. For these properties (Parcels I9-7-1, J9-23-1, J9-23-8, and J9-23-12), only the non-riverbank portions are included in the Newell Street Area II RAA. The riverbank portions of these parcels are subject to a separate Removal Action under the CD -- i.e., the Upper ½ Mile Reach Removal Action; those riverbank portions are identified on Figure 2.

2.3 Summary of Available Soil Analytical Data

Beginning in the late 1980s, GE has conducted numerous soil investigations within Newell Street Area II. These included investigations conducted in the 1990s pursuant to an Administrative Consent Order executed in 1990 by GE and MDEP pursuant to the Massachusetts Contingency Plan (MCP) and/or a Resource Conservation and Recovery Act (RCRA) corrective action permit issued by EPA to GE effective in January 1994. Other, more recent soil investigations have been conducted in connection with the implementation of source control measures adjacent to the Housatonic River and also relating to the Plant Site 1 Groundwater Management Area.

Information concerning Newell Street Area II, and in particular the results of the prior soil investigations, has been presented in numerous submittals to EPA and/or MDEP. The primary documents that provide such information include:

- MCP Interim Phase II Report for the Newell Street Site, Blasland, Bouck & Lee, Inc. (BBL), February 1992;
- Newell Street MCP Supplemental Phase II Scope of Work, BBL, May 1993;
- Interim Measure Proposal: PCB-Containing Surficial Soils in the Newell Street-GE Parking Lot Site, BBL, February 1994;
- MCP Interim Phase II Report for Newell Street Parking Lot Site and Current Assessment Summary for USEPA Area 5B, BBL, March 1994;
- MCP Supplemental Phase II Scope of Work for Newell Street Parking Lot Site and Proposal for RCRA Facility Investigation of USEPA Area 5B, BBL, March 1994;
- Source Control Work Plan Upper Reach of the Housatonic Rover (First ½ Mile), BBL, September 1998;
- Proposal for DNAPL Recovery Operations at the Newell Street Area II/USEPA Area 5B Site, BBL, November, 1998;
- Source Control Investigation Report, Upper Reach of the Housatonic Rover (First ½ Mile), HSI Geotrans, February 1999; and,
- Source Control Investigation Addendum Report, Upper Reach Housatonic River (First ½ Mile), HSI Geotrans, June 1999.

The investigations previously performed by GE and described in the reports listed above have produced a substantial amount of soil analytical data for Newell Street Area II. In total, approximately 700 soil samples have been collected from the site and analyzed for PCBs. In addition, approximately 119 soil samples have been collected during these prior investigations and analyzed for one or more groups of non-PCB constituents listed in Appendix IX of 40 CFR Part 264, plus three additional constituents (benzidine, 2-chloroethyl vinyl ether, and 1,2-diphenylhydrazine) (Appendix IX+3).

Subject to certain conditions, the CD and SOW allow the existing soil data to be incorporated into the pre-design soil investigations for Newell Street Area II. Section 4.2 of this PDI Work Plan describes the process by which these data were evaluated and included in the development of the proposed pre-design investigations. To facilitate the presentation and use of these prior data, Figure 2 illustrates the prior sampling locations. The majority of the prior investigations performed by GE have been focused on PCBs; the soil sampling locations and depths

previously sampled for PCBs are listed in Table 1. The soil sampling locations and depths previously sampled for non-PCB Appendix IX+3 constituents, along with the groups of such constituents that were analyzed for, are listed in Table 2. The analytical results from these samples for both PCBs and other Appendix IX+3 constituents are presented in Appendix B.

3. Applicable Performance Standards and Related Requirements

3.1 General

This section describes the Performance Standards established in the CD and SOW that are applicable to Newell Street Area II soils and summarizes the required pre-design soil investigations. It also includes a summary of the Performance Standards under the CD and SOW related to natural resource restoration/enhancement activities within Newell Street Area II.

3.2 Performance Standards for Newell Street Area II Removal Action

Response actions for soils at Newell Street Area II must achieve the relevant Performance Standards included in the CD and SOW for the Former Oxbow Areas. The Performance Standards established for soils at Former Oxbow Areas are set forth in Paragraph 26 of the CD and Section 2.3.2 of the SOW. Those relevant to Newell Street Area II are described in Appendix A to this PDI Work Plan. In addition, the following points should be noted about these Performance Standards.

First, subsequent to entry of the CD in October 2000, GE and EPA reached an agreement concerning the scope of response actions that would be conducted for the GE-owned parking lot within Newell Street Area II. As summarized in Appendix A, the Performance Standards contained in the CD and SOW for the parking lot area establish two basic remediation options: (1) remove the top foot of existing pavement and soil from the parking lot and replace such pavement/soil with a vegetative engineered barrier (except that such a barrier is not needed in discrete portions of the lot where the average PCB concentrations are below the recreational cleanup standards specified in the CD); or (2) in lieu of removal of the top foot of pavement/soil, install a 1-foot vegetative engineered barrier over the existing pavement/soil (with the same exception noted above), provided that EPA approves such approach and that adequate flood storage compensation is provided.

In anticipation of the upcoming work at this area, GE determined that the second of these options makes more sense from a constructability standpoint and is equally protective of public health and the environment. As such, GE proposed that approach to EPA in a letter dated July 16, 2001. This approach will involve the following elements:

- Install a 1-foot vegetative engineered barrier over the existing pavement/soil at the parking lot, except that such a barrier will not be necessary in discrete portions of the lot where the average PCB concentrations are below the recreational cleanup standards specified in Paragraph 26.a of the CD, so long as the effectiveness of the barrier is not affected by discontinuities in the barrier and any pavement in those areas is replaced with a native grassland community, as necessary to meet the natural resource restoration/enhancement Performance Standards for this area (set forth in Section 3.1 of Attachment I to the SOW and listed in Section 3.4 below); and
- Obtain the necessary Flood Storage Compensation (as defined in the CD), which GE anticipates will be accomplished through a combination of: (1) gains in flood storage compensation obtained during the Upper ½ Mile Reach Removal Action; and (2) removal of buildings and pavement at the GE Plant Area between Newell Street and Lyman Street (including the decommissioning of GE's Thermal Oxidizer facility in 1996)

at approximately the same elevation as the Newell Street parking lot and/or other actions in that stretch that will result in a comparable gain in flood storage compensation.

As stated in GE's letter of July 16, 2001, EPA approved this approach in concept, subject to review of GE's RD/RA submittals to ensure that the barrier system for the parking lot meets the applicable requirements in the CD and SOW (e.g., the requirements for vegetative engineered barriers), and that GE's showing on flood storage compensation meets the requirements of the CD and SOW for obtaining flood storage compensation.

Second, the remediation work at Newell Street Area II will need to be designed and conducted in such a manner as to avoid interferences with the ongoing groundwater- and NAPL-related activities being conducted by GE at this portion of GMA 1. For example, the response actions for soil at the GE parking lot area will need to be designed so as not to interfere with the NAPL/groundwater recovery systems in this area.

Third, as described in Appendix A, certain Performance Standards (and corresponding response actions) for properties at Newell Street Area II depend on whether a Grant of Environmental Restrictions and Easement (ERE) is obtained for the property. If not, the Performance Standards for Conditional Solutions apply. The CD provides, in Paragraph 56.b, that GE must notify EPA and MDEP at the time of submittal of the PDI Work Plan for a given Removal Action, or within such other time proposed by GE and approved by EPA, whether each person who owns or controls a non-GE-owned property within that RAA agrees to execute and record an ERE on the property. GE and EPA have agreed that this written ERE notice for Newell Street Area II will be submitted one month after submission of the Pre-Design Investigation Report for this Removal Action, or at such other time as may be proposed by GE and approved by EPA at the time of submission of that report.

With respect to the scope of the pre-design investigations, the CD and SOW indicate that different (i.e., more dense) sampling frequencies may be required for those properties for which an ERE cannot be obtained. The proposed soil investigations described below have been developed to ensure that sufficient data are available to characterize the soils at the non-GE-owned properties at this RAA regardless of whether an ERE is obtained or a Conditional Solution will be implemented at these properties. The results from the proposed investigations, together with the existing usable data, will be sufficient to apply and assess achievement of the Performance Standards for Conditional Solutions at these properties, if necessary.

3.3 Soil Sampling Requirements

To achieve the Performance Standards discussed in Section 3.2 above and summarized in Appendix A of this PDI Work Plan, Section 2.3.3 and Attachment D of the SOW establish specific requirements for soil sampling at the Former Oxbow Areas within the GE-Pittsfield/Housatonic River Site.

The applicable pre-design soil sampling requirements for Newell Street Area II require the performance of a grid-based sampling program for PCBs, taking into account the existing usable PCB data. Those grid-based sampling requirements apply to both: (a) the GE parking lot area if GE elects to pursue the option of installing a vegetative engineered barrier over the existing pavement/soil (which, as discussed above, is the approach that GE and EPA have now agreed upon for the parking lot area); and (b) the remaining properties within this RAA. Specifically, for both types of areas, the SOW requires surface soil samples (i.e., samples from the 0- to 1-foot depth increment) to be collected on an approximate 50-foot grid sampling pattern and subsurface soil samples to be collected on an approximate 100-foot grid sampling pattern, with samples to be collected from the 1- to 3-, 3- to 6-, 6- to 10-, and 10- to 15-foot depth intervals.

In addition to PCBs, certain soil samples must be analyzed for other (non-PCB) Appendix IX+3 constituents selected in accordance with the protocols described in Attachment D of the SOW. Specifically, the total number of non-PCB Appendix IX+3 analyses must be approximately one-third the number of PCB samples required to characterize this area and must be approximately evenly distributed between surface soil samples (from the top foot of soil) and subsurface soils (from the various deeper intervals). The actual selection of sample locations and depths for Appendix IX+3 analyses is to be based on the spatial distribution of the available data and may be modified based on field observations at the time of sampling (e.g., photoionization detector [PID] readings, evidence of staining, etc.).

3.4 Performance Standards for Natural Resource Restoration/Enhancement Activities

Attachment I of the SOW sets forth the Performance Standards and other requirements for the natural resource restoration/enhancement activities that must be carried out at the Site. These include Performance Standards and other requirements for the GE parking lot within Newell Street Area II, as shown on Figure 1. In connection with the response actions for this area, GE is required to enhance the habitat in this area through the planting of herbaceous vegetation and placement of other items in this area. Specifically, the Performance Standards for this area are as follows:

- GE shall plant a herbaceous native grassland community on the surface of the vegetative barrier or cap using a seed mixture of native grass and wildflower species.
- In addition to the vegetative enhancements, GE shall place uncontaminated stumps and rock piles randomly throughout this vegetated area to provide habitat for fossorial and ground-dwelling wildlife. Further, GE shall place bluebird boxes in this area adjacent to the Housatonic River.

To achieve the foregoing Performance Standards, Attachment I to the SOW sets forth more specific requirements relating to these activities. Based on review of those requirements, there is no need for any additional pre-design investigations relating to these natural resource restoration/enhancement activities (beyond those required to allow the RD/RA evaluations for the response actions in this RAA).

4. Identification of Data Needs and Proposed Pre-Design Investigations

4.1 General

As summarized in Section 3.3 of this PDI Work Plan, the SOW establishes soil investigation requirements to support the performance of RD/RA activities and achievement of applicable Performance Standards for soils within Newell Street Area II. This section of the work plan considers these requirements -- and the soil data that are currently available from prior investigations in this area -- to identify the necessary pre-design soil investigations for Newell Street Area II. Section 4.2 summarizes the available soil analytical data and provides a general assessment regarding its usability for pre-design and subsequent RD/RA activities, while Section 4.3 identifies the remaining sampling data that need to be obtained to satisfy pre-design investigation requirements. Sections 4.4 and 4.5 summarize the proposed pre-design investigations and sampling procedures, respectively. This PDI Work Plan focuses on investigations related to soils; further investigations related to groundwater and NAPL in this area will be conducted in connection with GMA 1 (which includes Newell Street Area II).

The Data Quality Objective (DQO) for the pre-design investigations is to collect the necessary soil analytical data on PCBs and other Appendix IX+3 constituents to meet the soil sampling requirements set forth in the SOW, and thus achieve the applicable Performance Standards. The application of the data resulting from the required soil investigations, together with the usable prior data, to achieve the Performance Standards will be initially presented in the Conceptual RD/RA Work Plan for the Newell Street Area II Removal Action.

4.2 Assessment of Existing Soil Analytical Data for Usability

As described in Section 3, the soil sampling requirements for Newell Street Area II require grid-based characterization of PCB concentrations at five depth increments: 0 to 1 foot, 1 to 3 feet, 3 to 6 feet, 6 to 10 feet, and 10 to 15 feet. This grid-based PCB characterization must also be supplemented by a characterization of non-PCB Appendix IX+3 constituents at a portion of these grid locations and depth increments. For both of these characterization activities, the CD and SOW allow the use of existing soil data, pending a review of its usability for future RD/RA purposes.

The existing soil samples from Newell Street Area II are listed in Tables 1 and 2, and the analytical data from those samples are summarized in Appendix B. These data have been reviewed to assess their usability to support future RD/RA activities for this area. As provided in Attachment D to the SOW, the criteria for determining the usability of existing data to support RD/RA activities include: (1) an evaluation of whether such data reflect the appropriate locations and depth increments necessary to meet the soil sampling requirements specified in the SOW and to apply the Performance Standards for the Removal Action in question; and (2) an assessment of the quality of such data in terms of quality assurance/quality control. To perform this review, the existing soil analytical data were first reviewed to determine whether and to what extent they meet the spatial- and depth-related pre-design sampling requirements (i.e., their location and depth increments relative to the requirements of the SOW). The data that do so were then assessed for overall analytical quality by reviewing the available documentation.

For the existing soil PCB data (700 total samples), the usability assessment involved, at the outset, review of the depth increments from which the samples were taken, as well as a review of the sample locations in relation to the requisite grid sampling pattern. To maintain continuity with the pre-design investigation performed for the adjacent

Newell Street Area I RAA, the 50-foot and 100-foot sampling grids established for that investigation were extended across Newell Street Area II, as depicted on Figure 2.

The review of the 700 PCB soil samples indicated that certain data are not consistent with the depth interval criteria described above, such as samples collected from depths of greater than 15 feet. Based on this review, 90 PCB samples associated with insufficient or inappropriate sampling depths were eliminated from further review. The remaining data, consisting of 610 PCB sample results, are thus available for potential use to satisfy some of the predesign investigation requirements (if they meet the requisite locational criteria to meet the grid-based sampling requirements) and/or in future RD/RA evaluations, subject to review for data quality.

The PCB data from these 610 samples were then assessed for overall analytical quality. This assessment revealed the following:

- For 163 PCB sample results, full laboratory data packages were available. These data packages were reviewed for reporting completeness, the analytical methodologies, and any apparent method or analytical discrepancies or other significant data quality issues noted in the data packages. Review of that documentation showed no deficiencies that would preclude use of these PCB data in the response actions evaluations for this RAA. Hence, these data are considered usable either to satisfy pre-design investigation requirements (if the requisite locational criteria are met) or as supplemental data in future RD/RA activities.
- For 213 PCB sample results, only a standard laboratory reporting form is available. However, those forms are sufficient to identify the analytical methods that were utilized and the associated detection limits. Based on review of this documentation, the data from 100 samples, including all samples analyzed prior to 1991 and a portion of those analyzed in 1995, were eliminated from consideration on one or more of the following grounds: (a) use of an analytical method that is not comparable to the current method; (b) the reporting of only total PCBs (not Aroclors); and/or (c) the lack of identification of the analytical method used. The remaining 113 PCB sample results in this category are considered usable both to satisfy pre-design investigation requirements (if the requisite locational criteria are met) or as supplemental data in future RD/RA activities for the following reasons:
 - (1) the reporting form confirms the date of sample analyses and thus the analytical methodologies being used at that time;
 - (2) those analytical methodologies are consistent with current procedures;
 - (3) the reporting form is a laboratory-generated document and thus incorporates certain inherent QA checks performed by the laboratory concerning data quality; and
 - (4) review of other PCB data collected during the same period and analyzed by the same method for which full laboratory data packages are available indicates that those data are 100% usable, thus suggesting that the PCB analyses from this time period and using the same method (and which report Aroclor-specific PCB results) are generally of sufficient quality for use in RD/RA evaluations.
- For 78 PCB samples, the samples were collected and analyzed by EPA and the analytical data were provided
 to GE by EPA as part of a database exchange between GE and EPA. It is GE's understanding that the data in
 EPA's database have been validated by EPA. As such, GE proposes to use these data to satisfy pre-design
 investigation requirements (if the requisite locational criteria are met) or as supplemental data in RD/RA
 activities.

• For 156 PCB sample results collected during the late 1980s to mid 1990s, no form of laboratory documentation has been located. The only documentation found consists of data summary tables included as part of prior investigation reports for Newell Street Area II. Within this category, the samples collected prior to 1991 (38 samples) will not be utilized in RD/RA evaluations at all because the documentation that does exist from this period indicates that the analytical method used prior to 1991 is not comparable to the current method. For the remaining data in this category (118 samples), despite the lack of laboratory documentation of these samples, GE proposes to use these sample results in future RD/RA activities since, based on the other PCB sample results from this time period for which laboratory documentation has been reviewed, there is no reason to believe that these PCB data would not be suitable for use in RD/RA evaluations. (Unlike some of the 1995 data mentioned in the prior paragraph, all post-1991 PCB data in this category were reported as specific Aroclors.) However, as a conservative measure, GE will only utilize these results as supplemental data and will not use these data to satisfy specific pre-design soil investigation requirements (e.g., grid-based sample nodes).

Thus, based on the above-described assessment, PCB data from 472 of the 700 prior soil samples are considered usable for pre-design and/or RD/RA purposes. Specifically, as described in Section 4.3.1, the locations and depths of many these existing samples can be used to represent sampling nodes associated with the pre-design investigations. The remaining PCB data will not be used to specifically meet the grid-based PCB characterization requirements, but will be utilized as supplemental data in future RD/RA activities (unless further data quality review reveals any deficiencies in these data).

For non-PCB Appendix IX+3 constituents, data are available from 119 soil samples for one or more groups of such constituents. Of these samples, the data from 23 samples were eliminated from consideration as having been collected from sample depth increments that cannot be used in RD/RA evaluations for this area (e.g., depths greater that 15 feet below the ground surface or composite samples over relatively large depths). The remaining data were then reviewed for overall analytical quality, with the following results:

- For 58 of these samples that were analyzed for one or more groups of Appendix IX+3 constituents, full laboratory data packages are available. These data packages were reviewed for completeness and the analytical techniques used, as well as to identify any apparent discrepancies or other significant data quality issues noted by the analytical laboratory that would seem likely to render the data unusable. Review of this documentation revealed the need to eliminate from consideration the data for certain constituent groups from some of these samples. Notably, the analytical results for polychlorinated dibenzo-p-dioxins (PCDDs) and polychlorinated dibenzofurans (PCDFs) from 19 samples cannot be used in RD/RA evaluations because they include only total homologue concentrations and not the results for all 2,3,7,8-substituted congeners, and hence toxicity equivalency quotients (TEQs) cannot be calculated. For the remaining data in this category, review of the laboratory documentation revealed no deficiencies of the type that, based on GE's prior assessment of similar data, seem likely to cause these data to be rejected; and thus, these data appear to be of acceptable quality for use in future RD/RA evaluations. Accordingly, GE proposes to use these remaining data to satisfy the predesign investigation requirements for non-PCB constituents.
- For seven Appendix IX+3 samples, the samples were collected and analyzed by EPA and the analytical data
 were provided to GE by EPA as part of the database exchange between GE and EPA. For the same reasons
 applicable to the PCB data provided by EPA, GE proposes to use the data from these samples to satisfy the predesign investigation requirements for non-PCB constituents.
- For the remaining 31 samples that were analyzed for one or more groups of Appendix IX+3 constituents, only
 a standard laboratory data form or no laboratory documentation could be obtained. These sample results have
 not been considered in the calculation of the required number of non-PCB Appendix IX+3 analyses (i.e.,
 approximately one-third the number of PCB sample results). GE will consider the usability of these data within

the context of future RD/RA evaluations. Under the CD and SOW, the need for and extent of additional response actions to address non-PCB constituents in soil are to be evaluated once the response actions to address PCBs have been determined. Hence, it is not possible to determine at this time whether the specific samples for which laboratory documentation is limited or unavailable may be critical in determining the need for additional response actions to address non-PCB constituents. For example, some of these sample locations may be addressed through the response actions identified for PCBs. Hence, the issue of whether to use the non-PCB data from these samples will be re-evaluated in the Conceptual RD/RA Work Plan after the PCB-related response actions have been defined.

Appendix B summarizes the available soil data for Newell Street Area II, while Tables 1 and 2 categorize these data based on their proposed use related to pre-design and future RD/RA activities. Specifically, the prior data are categorized into one of the following five categories:

- PCB data that will be used to satisfy grid-based pre-design soil investigation requirements and will be incorporated into future RD/RA activities (designated "Grid Characterization");
- PCB data that have not been incorporated into the proposed grid-based pre-design investigations, but will be
 used in future RD/RA evaluations (designated "Supplemental");
- Non-PCB Appendix IX+3 data that will be used to satisfy pre-design investigation requirements for such constituents and will be incorporated into future RD/RA activities (designated "Appendix IX+3 Characterization");
- Non-PCB Appendix IX+3 data that will not be used to satisfy pre-design investigation requirements for such constituents, but may be incorporated into future RD/RA activities following review of laboratory documentation (if any) and determination of future PCB response actions (designated "Appendix IX+3 Supplemental"); or
- Data that have not been incorporated into the proposed pre-design investigations and will not be used in any future RD/RA activities (designated "Rejected").

4.3 Identification of Additional Data Needs

Based on review of the applicable Performance Standards and soil sampling requirements for Newell Street Area II, together with the assessment of existing available data presented in Section 4.2, certain data needs have been identified related to the soil characterization requirements specified in the SOW. These data needs are described below, and the soil sampling activities proposed to address these additional data needs are described in Sections 4.4 and 4.5.

4.3.1 PCB Data Needs

To identify the additional pre-design soil sampling data needs for PCBs in Newell Street Area II, the 50-foot and 100-foot sampling grids shown on Figure 2 were utilized. Based on this sampling grid, and without consideration of any existing usable sampling data, the pre-design soil investigation criteria established in the SOW require surface soil sampling data from 134 sample locations and subsurface soil sampling data from 34 locations (136 samples). The existing usable PCB data were then evaluated to determine the extent to which they would satisfy these grid-based soil sampling requirements. Consistent with other pre-design investigations performed pursuant

to the CD and SOW, an existing PCB sample location was assumed to represent a sample grid node if it is located no more than one-half of the grid node spacing from the sample node in question (e.g., within a 100-foot sample grid pattern, an existing sample location that is within 50 feet of a grid node was used to represent that grid node), and existing sample depths were assumed to satisfy a depth interval requirement if the existing depth(s) constitute 50% or more of the depth requirement. Based on this evaluation, the usable, existing PCB data adequately address the pre-design sampling requirements for 47 surface soil samples and 71 subsurface soil samples, as shown in Table 3. Hence, there is a need for 87 additional surface soil samples and 65 additional subsurface soil samples (from 21 locations) -- for a total of 152 additional PCB samples (at 96 grid locations).

4.3.2 Non-PCB Data Needs

To identify additional data needs for non-PCB Appendix IX+3 constituents in soil at Newell Street Area II, the general criteria discussed in Attachment D to the SOW were considered. Those criteria relate to the quantity and distribution of non-PCB Appendix IX+3 soil samples. As noted above, the application of the pre-design investigation requirements to Newell Street Area II requires a total of 270 surface and subsurface PCB samples to meet the characterization requirements. The number of non-PCB Appendix IX+3 analyses must be approximately one-third the number of PCB sample results, or a total of 90 non-PCB Appendix IX+3 analyses. Of these samples, approximately half, or 45 samples, must be collected from the upper 1 foot, while the remaining 45 samples should be relatively evenly distributed between the various subsurface sampling intervals. However, prior non-PCB Appendix IX+3 soils data can be used to satisfy certain of the non-PCB Appendix IX+3 characterization requirements for RD/RA activities. As shown in Table 2, these existing data consist of analytical results from: 10 surface samples that were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), and inorganics; 8 surface samples that were analyzed for PCDDs/PCDFs; 42 subsurface samples analyzed for VOCs; 40 subsurface samples analyzed for SVOCs; 21 subsurface samples analyzed for PCDDs/PCDFs; and 36 subsurface samples analyzed for inorganics. Based on these existing data, there is a need for the following additional Appendix IX+3 samples: 35 additional surface samples for VOCs, SVOCs, and inorganics; 37 surface samples for PCDDs/PCDFs; 3 subsurface samples for VOCs; 5 subsurface samples for SVOCs; 24 subsurface samples for PCDDs/PCDFs; and 9 subsurface samples for inorganics. (In addition to the above data, 6 surface soil samples and 19 subsurface soil samples have been analyzed for pesticides and herbicides. As discussed in Section 4.4, GE is proposing to omit analyses for pesticides and herbicides from the pre-design investigation for this RAA.) The existing data, including their sampling locations, depths, and the groups of constituents analyzed for, were taken into account in selecting locations for additional sampling for non-PCB Appendix IX+3 analyses to provide, to the extent possible, spatial distribution of non-PCB Appendix IX+3 data at the various depth intervals across Newell Street Area II.

4.4 Proposed Soil Sampling Activities

This section describes the pre-design soil sampling proposed by GE to satisfy the data needs identified in Section 4.3. To assist in understanding this proposed sampling effort, Figure 2 shows the applicable 50-foot and 100-foot grids and the existing and proposed soil sampling locations that will satisfy the pre-design investigation requirements. Table 3 summarizes the existing and proposed soil sampling locations and depths that will collectively satisfy the grid-based PCB sampling requirements. Table 4 presents an overall summary of the proposed pre-design soil sampling program, listing, on a sample-by-sample basis, the proposed sampling locations, depths, and analytical parameters. This program is further discussed below. In addition, as also described below, the proposed investigation will include the installation and sampling of a boring to till as part of activities related to GMA 1.

<u>PCB Sampling.</u> To satisfy the PCB soil sampling data needs discussed in Section 4.3.1, GE will collect soil samples for PCB analysis at the remaining locations and depths where grid-based sampling is required. These will consist of 87 samples from the top foot of soil and 65 subsurface soil samples. These proposed sampling locations are shown on Figure 2 and listed in Tables 3 and 4. In the event that site conditions (e.g., standing/flowing water, large trees, subsurface utilities, or other obstructions) should prevent sampling at any of the grid nodes, the samples in question will be collected as close to the grid nodes as site conditions allow.

In addition, at one proposed location (RAA13-1, located approximately 30 feet northeast of grid node B85 – see Figure 2), a boring will be installed to till in response to a prior requirement related to GMA 1 (which includes Newell Street Area II). EPA previously required the installation of three till borings (RAA13-1, -2, and -3) at Newell Street Area II as part of separate ongoing activities related to GMA 1. Although sampling was completed at RAA13-2 and -3 in May 2001 (sampling locations and PCB results shown on Figure 2), sampling could not be conducted at RAA13-1 due to difficulties in gaining access to the property where that boring had been proposed (Parcel J9-23-4). As noted in a letter from GE to EPA dated August 22, 2001, Parcel J9-23-4 is currently in the process of being deeded to the City of Pittsfield and GE has been unable to locate the current owner to request access permission. Assuming that GE can obtain access to this property to conduct the pre-design soil investigations, it will also install boring RAA13-1 during the course of those investigations. As previously proposed, soil samples will be collected from RAA13-1 from the 0- to 1-, 1- to 3-, 3- to 6-, 6- to 10-, and 10- to 15-foot depth intervals, and also at the till interface. As listed in Table 3, data are currently needed at the 10- to 15-foot depth interval at grid node B85; therefore, the 10- to 15-foot depth interval from boring RAA13-1 will be used to represent that interval. This sampling is also listed in Table 4.

Sampling for Other Appendix IX+3 Constituents. As discussed in Section 4.3.2, 90 soil sample analyses for non-PCB Appendix IX+3 constituents are necessary at Newell Street Area II (about half from the top foot of soil and half from greater depths); and 8-10 Appendix IX+3 analyses are currently available from the top foot (depending on the specific constituents) and 21-42 analyses are currently available from greater depths (depending on the specific constituents) to satisfy those requirements. Accordingly, GE proposes to submit 61 of the new samples for analysis of one or more groups of Appendix IX+3 constituents. These will include 35 surface soil samples for full Appendix IX+3 analyses (excluding pesticides and herbicides, as discussed below), 2 additional surface soil samples for PCDD/PCDF analysis only, 3 subsurface soil samples for VOCs, 5 subsurface soil samples for SVOCs, 24 subsurface soil samples for PCDD/PCDF analysis, and 9 subsurface soil samples for inorganics analysis. The locations and depths of these samples are listed in Table 4; they were selected to provide spatial representation over portions of Newell Street Area II that were not sampled during prior investigations.

For any samples collected for full or partial Appendix IX+3 analyses as part of the pre-design soil investigations, GE proposes to exclude analysis for pesticides and herbicides for the following reasons: First, the presence of pesticides and herbicides in this area, if found, would likely be attributable to the application of such materials in accordance with their intended and appropriate commercial applications. Second, a review of the available pesticide/herbicide soil data from Newell Street Area II (25 samples total from the upper 15 feet of soil) indicates that very few constituents have been detected and, if detected, were found at very low levels relative to the applicable MCP Reportable Concentrations, as shown in Appendix B. Third, during discussions with EPA associated with the pre-design investigations for the adjacent Newell Street Area I RAA, EPA and GE agreed that pesticide and herbicide sampling and analyses would be performed for a targeted area within that RAA, with the understanding that the results of that effort could be used to support future proposals to omit analyses for these constituents at other Former Oxbow Areas. As previously reported for Newell Street Area I, 21 samples were analyzed for pesticides and herbicides from that RAA. The results indicated detected constituents from only one sample (4,4-DDT at 0.11 ppm and kepone at 0.24 ppm) well below the MCP Reportable Concentrations (RCS-1). Given these results, GE believes that sampling and analysis for pesticides and herbicides as part of the pre-design soil investigations at Newell Street Area II are unnecessary.

Table 4 lists, on a sample-by-sample basis, the proposed sampling locations, depths, and analytical parameters. However, the specific locations/depths of some of the non-PCB Appendix IX+3 samples may be modified in the field considering PID readings or other observations (e.g., odors or evidence of staining) or if site conditions (e.g., standing/flowing water, large trees, subsurface utilities, other obstructions) prevent sampling at any of the designated locations. If such field modifications are made, GE will endeavor to maintain the proper ratio of the number of non-PCB Appendix IX+3 analyses at the various depth intervals (i.e., approximately half from the top foot and half from deeper increments, distributed relatively evenly between those increments), to the extent practical.

4.5 Soil Sampling Analytical Procedures

The collection and analysis of the soil samples at Newell Street Area II will be conducted following the procedures set forth in GE's approved Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP). Specifically, the analytical procedures for the analysis of soil samples will be consistent with the EPA-approved procedures presented in Table 1 of the FSP/QAPP. The field procedures will follow the Standard Operating Procedures (SOPs) presented in Appendices B through X of the FSP/QAPP.

Soil samples collected during the Newell Street Area II pre-design investigation will utilize EPA Method 8082 for the analysis of Aroclor-specific PCBs. Results for PCBs will be reported on a dry-weight basis with a detection limit of 0.05 parts per million (ppm) for all Aroclors.

Select soil samples will also be analyzed for additional Appendix IX+3 constituents (excluding pesticides and herbicides) following the methods presented in Table 1 of the FSP/QAPP. Sample results will be presented on a dry-weight basis with detection limits consistent with those presented in Table 3 of the FSP/QAPP.

Analysis of samples for PCDDs/PCDFs will be performed using EPA Method 8290, and PCDD/PCDF results will be reported on a dry-weight basis for both total homologues and 2,3,7,8-substituted congeners. Sample detection limits will be consistent with those presented in Table 3 of the FSP/QAPP.

Quality control samples (i.e., matrix spike/matrix spike duplicates, field duplicates, trip blanks, and field blanks) will be collected at the frequency specified in Table 4 of the FSP/QAPP for each sample matrix collected. Tables 4 and 5 of the FSP/QAPP present the quality control criteria and corrective action procedures to be followed for each of the analytical procedures listed in Table 1 and for field-generated quality control samples. Overall project quality assurance will be ensured by following the procedures specified in the FSP/QAPP for sample collection and analysis, corrective action, and data reporting and validation.

5. Schedule

GE proposes to complete the additional investigations described in this PDI Work Plan and to submit a Pre-Design Investigation Report for Newell Street Area II within 6 months after EPA's approval of this PDI Work Plan, subject to: (1) timely receipt of the necessary access permission from the property owners; and (2) potential delays due to winter weather conditions. If GE is unable to obtain access permission from particular property owners after using "best efforts" (as defined in the CD) to do so, it will so advise EPA and MDEP and seek their assistance in obtaining such access pursuant to Paragraph 60.f(i) of the CD. If delays in obtaining access permission or other factors will cause a delay in the schedule proposed above, GE will notify EPA and MDEP and propose for EPA approval a revised schedule for completing the investigations and submitting a Pre-Design Investigation Report.

The Pre-Design Investigation Report will present the results of all investigations conducted pursuant to this PDI Work Plan. It will also consider the sufficiency of the available data to support RD/RA activities for this Removal Action. If it is determined that further data are needed to support RD/RA activities to achieve the soil-related Performance Standards, that report will propose supplemental investigations to fill those data needs and a schedule for performing those supplemental investigations and submitting a Supplemental Pre-Design Investigation Report. If GE concludes in the Pre-Design Investigation Report that the available data are sufficient to support RD/RA activities for the Removal Action at this RAA, then that report will include a proposed schedule for submission of a Conceptual RD/RA Work Plan for the Newell Street Area II Removal Action.

Following EPA approval of the Pre-Design Investigation Report (and any supplemental report), GE will submit a Conceptual RD/RA Work Plan for the Newell Street Area II Removal Action on a schedule to be approved by EPA. That Conceptual RD/RA Work Plan will include, at a minimum, the evaluations, plans, and other pertinent items described in Section 3.3 of the SOW. It will also include a proposed schedule for submission of the final RD/RA Work Plan for the Newell Street Area II Removal Action in accordance with Section 3.4 of the SOW. The final RD/RA Work Plan will include not only more specific plans for implementation of the necessary response actions, but also more specific plans for the design and implementation of the natural resource restoration/enhancement measures in the parking lot area of Newell Street Area II, as well as a Restoration Project Monitoring and Maintenance Plan for those measures, which will be designed to achieve the monitoring and maintenance Performance Standards set forth in Attachment I to the SOW.

6. Summary of Anticipated Post-Removal Site Control Activities

Following the completion of construction activities to implement the necessary response actions, GE will continue to inspect, maintain, and monitor the completed actions and to perform repairs and replacement as needed, so as to ensure that the completed response actions are performing as designed. The specific scope and methodologies for such inspection and maintenance activities (I/M activities) will be detailed in a Post-Removal Site Control Plan for the Newell Street Area II Removal Action. Such activities will include the periodic inspection and maintenance of any surface covers installed (i.e., engineered barriers), inspection and maintenance of certain ancillary components of the response actions (e.g., fencing and warning signs, if any), and repair or replacement of response actions at areas exhibiting deficiencies or potential problems. In addition, the Post-Removal Site Control Plan will incorporate the Restoration Project Monitoring and Maintenance Plan for the natural resource restoration/enhancement measures, with any proposed modifications based on implementation of those measures or other relevant developments.

The Post-Removal Site Control activities will be conducted in accordance with the pertinent requirements specified in Attachment J (Inspection and Maintenance Activities) to the SOW, except as otherwise proposed in the specific Post-Removal Site Control Plan and approved by EPA. In addition, inspection reports on these activities will be prepared and submitted periodically in accordance with the requirements of Section 4 of Attachment J to the SOW.

The natural resource restoration/enhancement measures will be monitored, inspected, and maintained in accordance with the Performance Standards and other requirements set forth in Section 8 of Attachment I (Natural Resource Restoration/Enhancement Activities) to the SOW and the approved Restoration Project Monitoring and Maintenance Plan.

Tables



${\bf TABLE~1} \\ {\bf GENERAL~ELECTRIC~COMPANY-PITTSFIELD, MASSACHUSETTS} \\$

PRE-DESIGN INVESTIGATION WORK PLAN FOR NEWELL STREET AREA II REMOVAL ACTION

Data Source	Sample Location	Sample ID	Depth Interval	Date Collected	Available Documentation	Proposed Data Usage
J	161-C1	NS-161-C1	0-0.5	8/18/94	Certificate of Analysis	Supplemental (note 5)
J	161-C2	NS-161-C2	0-0.5	8/1/94	Certificate of Analysis	Supplemental (note 5)
J	161-C3	NS-161-C3	0-0.5	8/1/94	Certificate of Analysis	Grid Characterization
J	161-C4	NS-161-C4	0-0.5	8/1/94	Certificate of Analysis	Grid Characterization
J	161-C5	NS-161-C5	0-0.5	8/1/94	Certificate of Analysis	Supplemental (note 5)
J	161-C6	NS-161-C6	0-0.5	8/1/94	Certificate of Analysis	Supplemental (note 5)
J	163-C1	NS-163-C1	0-0.5	8/1/94	Certificate of Analysis	Supplemental (note 5)
J	163-C2	NS-163-C2	0-0.5	8/1/94	Certificate of Analysis	Supplemental (note 5)
J	163-C3	NS-163-C3	0-0.5	8/1/94	Certificate of Analysis	Grid Characterization
J	163-C4	NS-163-C4	0-0.5	8/1/94	Certificate of Analysis	Supplemental (note 5)
J	163-C5	NS-163-C5	0-0.5	8/1/94	Certificate of Analysis	Supplemental (note 5)
S	F-1	F-1	0-2	11/14/91	None	Supplemental (note 4)
S	F-1	F-1	2-4	11/14/91	None	Supplemental (note 4)
S	F-1	F-1	4-6	11/14/91	None	Supplemental (note 4)
S	F-1	F-1	6-8	11/14/91	None	Supplemental (note 4)
S	F-1	F-1	8-10	11/14/91	None	Supplemental (note 4)
S	F-1	F-1	10-12	11/14/91	None	Supplemental (note 4)
S	F-1	F-1	12-14	11/14/91	None	Supplemental (note 4)
S	F-1	F-1	14-16	11/14/91	None	Supplemental (note 4)
S	F-1	F-1	16-18	11/14/91	None	Rejected (Depth)
S	F-2	F-2	0-2	11/14/91	None	Supplemental (note 4)
S	F-2	F-2	2-4	11/14/91	None	Supplemental (note 4)
S	F-2	F-2	4-6	11/14/91	None	Supplemental (note 4)
S	F-2	F-2	6-8	11/14/91	None	Supplemental (note 4)
S	F-2	F-2	8-10	11/14/91	None	Supplemental (note 4)
S	F-2	F-2	10-12	11/14/91	None	Supplemental (note 4)
J	GE-1	GE-1	0-2	5/4/88	Certificate of Analysis	Rejected (Method)
J	GE-1	GE-1	2-4	5/4/88	Certificate of Analysis	Rejected (Method)
J	GE-1	GE-1	4-6	5/4/88	Certificate of Analysis	Rejected (Method)
J	GE-2	GE-2	0-4	5/4/88	Certificate of Analysis	Rejected (Depth)
J	GE-2	GE-2	4-8	5/4/88	Certificate of Analysis	Rejected (Method)
J	GE-4	GE-4	0-2	2/6/89	Certificate of Analysis	Rejected (Method)
J	GE-4	GE-4	2-4	2/6/89	Certificate of Analysis	Rejected (Method)
J	GE-4	GE-4	4-6	2/6/89	Certificate of Analysis	Rejected (Method)
J	GE-4	GE-4	6-8	2/6/89	Certificate of Analysis	Rejected (Method)
J	GE-5	GE-5	0-2	2/6/89	Certificate of Analysis	Rejected (Method)
J	GE-5	GE-5	2-4	2/6/89	Certificate of Analysis	Rejected (Method)
J	GE-5	GE-5	4-6	2/6/89	Certificate of Analysis	Rejected (Method)
J	GE-5	GE-5	6-8	2/6/89	Certificate of Analysis	Rejected (Method)
J	GE-6	GE-6	0-2	2/6/89	Certificate of Analysis	Rejected (Method)
J	GE-6	GE-6	2-4	2/6/89	Certificate of Analysis	Rejected (Method)
J	GE-6	GE-6	4-6	2/6/89	Certificate of Analysis	Rejected (Method)
J	GE-7	GE-7	0-2	2/6/89	Certificate of Analysis	Rejected (Method)
J	GE-7	GE-7	2-4	2/6/89	Certificate of Analysis	Rejected (Method)
J	GE-7	GE-7	4-6	2/6/89	Certificate of Analysis	Rejected (Method)
R	GE-9	RNG090002	0-2	12/12/91	Certificate of Analysis	Grid Characterization
R	GE-9	RNG090204	2-4	12/12/91	Certificate of Analysis	Grid Characterization
R	GE-9	RNG090406	4-6	12/12/91	Certificate of Analysis	Grid Characterization

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Data	Sample	Sample ID	Depth	Date	Available Documentation	Proposed Data Usage
Source	Location		Interval	Collected		<u> </u>
R	GE-9	RNG090608	6-8	12/12/91	Certificate of Analysis	Grid Characterization
R	GE-9	RNG090810	8-10	12/12/91	Certificate of Analysis	Grid Characterization
R	GE-10	RNG100002	0-2	12/11/91	Certificate of Analysis	Grid Characterization
R	GE-10	RNG100204	2-4	12/11/91	Certificate of Analysis	Grid Characterization
R	GE-10	RNG100406	4-6	12/11/91	Certificate of Analysis	Grid Characterization
R	GE-10	RNG100608	6-8	12/11/91	Certificate of Analysis	Grid Characterization
J	GE-10	RNG100810	8-10	12/12/91	Certificate of Analysis	Grid Characterization
R	GE-10	RNG101012	10-12	12/11/91	Certificate of Analysis	Supplemental (note 5)
R	GE-11	RNG110002	0-2	12/12/91	Certificate of Analysis	Grid Characterization
R	GE-11	RNG110204	2-4	12/12/91	Certificate of Analysis	Grid Characterization
R	GE-11	RNG110406	4-6	12/12/91	Certificate of Analysis	Grid Characterization
R	GE-11	RNG110608	6-8	12/12/91	Certificate of Analysis	Grid Characterization
R	GE-11	RNG110810	8-10	12/12/91	Certificate of Analysis	Grid Characterization
R	GE-11	RNG111012	10-12	12/12/91	Certificate of Analysis	Supplemental (note 5)
<u> </u>	GE-13	GE-13	0-0.5	6/14/95	None	Supplemental (note 4)
J	GE-14	GE-14	0-0.5	6/14/95	None	Supplemental (note 4)
J	I9-7-1-1	I9-7-1-1	0-0.5	4/23/96	Complete Laboratory Data Package	Grid Characterization
J	I9-7-1-1	I9-7-1-1	0.5-1	4/23/96	Complete Laboratory Data Package	Grid Characterization
J	I9-7-1-2	I9-7-1-2	0-0.5	4/23/96	Complete Laboratory Data Package	Supplemental (note 5)
J	I9-7-1-2	I9-7-1-2	0.5-1	4/23/96	Complete Laboratory Data Package	Supplemental (note 5)
U	I9-7-1-SB-1	I9-7-1-SB-1	1-2	4/7/98	Complete Laboratory Data Package	Grid Characterization
U	I9-7-1-SB-1	I9-7-1-SB-1	2-4	4/7/98	Complete Laboratory Data Package	Grid Characterization
U	I9-7-1-SB-1	I9-7-1-SB-1	4-6	4/7/98	Complete Laboratory Data Package	Grid Characterization
U	I9-7-1-SB-1	I9-7-1-SB-1	6-8	4/7/98	Complete Laboratory Data Package	Grid Characterization
U	I9-7-1-SB-1	I9-7-1-SB-1	8-10	4/7/98	Complete Laboratory Data Package	Grid Characterization
U	I9-7-1-SB-1	I9-7-1-SB-1	10-12	4/7/98	Complete Laboratory Data Package	Grid Characterization
U	I9-7-1-SB-1	I9-7-1-SB-1	12-14	4/7/98	Complete Laboratory Data Package	Grid Characterization
U	I9-7-1-SB-2	I9-7-1-SB-2	0-0.5	4/7/98	Complete Laboratory Data Package	Supplemental (note 5)
U_U	I9-7-1-SB-2	I9-7-1-SB-2	0.5-2	4/7/98	Complete Laboratory Data Package	Supplemental (note 5)
U	I9-7-1-SB-2	I9-7-1-SB-2	2-4	4/7/98	Complete Laboratory Data Package	Supplemental (note 5)
U	19-7-1-SB-2	I9-7-1-SB-2	4-6	4/7/98	Complete Laboratory Data Package	Supplemental (note 5)
U	19-7-1-SB-2	I9-7-1-SB-2	6-8	4/7/98	Complete Laboratory Data Package	Supplemental (note 5)
U	I9-7-1-SB-2	I9-7-1-SB-2	8-10	4/7/98	Complete Laboratory Data Package	Supplemental (note 5)
U	19-7-1-SB-2	19-7-1-SB-DUP-1	8-10	4/7/98	Complete Laboratory Data Package	Supplemental (note 5)
U	19-7-1-SB-2	I9-7-1-SB-2	10-12	4/7/98	Complete Laboratory Data Package	Supplemental (note 5)
U	J9-23-3-SB-1	J9-23-3-SB-1	0-0.5	3/26/98	Complete Laboratory Data Package Complete Laboratory Data Package	Grid Characterization
Ū	J9-23-3-SB-1	J9-23-3-SB-1	0.5-2	3/26/98	Complete Laboratory Data Package Complete Laboratory Data Package	Grid Characterization Grid Characterization
U	J9-23-3-SB-1	J9-23-3-SB-1	2-4	3/26/98		
U	J9-23-3-SB-1	J9-23-3-SB-1	4-6	3/26/98	Complete Laboratory Data Package Complete Laboratory Data Package	Grid Characterization
U	J9-23-3-SB-1	J9-23-3-SB-1	6-8	3/26/98	Complete Laboratory Data Package Complete Laboratory Data Package	Grid Characterization Grid Characterization
Ū	J9-23-3-SB-1	J9-23-3-SB-1 J9-23-3-SB-DUP-1	8-10	3/26/98 3/26/98	Complete Laboratory Data Package Complete Laboratory Data Package	Grid Characterization Grid Characterization
Ū	J9-23-3-SB-1 J9-23-6-SB-1	J9-23-6-SB-1	8-10	3/26/98	Complete Laboratory Data Package Complete Laboratory Data Package	Grid Characterization Grid Characterization
Ū	J9-23-6-SB-1	J9-23-6-SB-1	0-0.5 0.5-2	~~~~~	Complete Laboratory Data Package Complete Laboratory Data Package	Grid Characterization Grid Characterization
U	J9-23-6-SB-1	 	2-4	3/26/98 3/26/98	Complete Laboratory Data Package Complete Laboratory Data Package	Grid Characterization Grid Characterization
U	J9-23-6-SB-1	J9-23-6-SB-1 J9-23-6-SB-1	4-6	3/26/98	Complete Laboratory Data Package Complete Laboratory Data Package	Grid Characterization Grid Characterization
U	J9-23-6-SB-1	J9-23-6-SB-1	6-8	3/26/98	Complete Laboratory Data Package Complete Laboratory Data Package	Grid Characterization Grid Characterization
U	J9-23-6-SB-1	(Complete Laboratory Data Package Complete Laboratory Data Package	Grid Characterization Grid Characterization
	17-43-0-3D-1	J9-23-6-SB-1	8-10	3/26/98	Complete Laboratory Data Package	Ond Characterization

PRE-DESIGN INVESTIGATION WORK PLAN FOR NEWELL STREET AREA II REMOVAL ACTION

		1				4
Data Source	Sample Location	Sample ID	Depth Interval	Date Collected	Available Documentation	Proposed Data Usage
U	J9-23-6-SB-1	J9-23-6-DUP-1	8-10	3/26/98	Complete Laboratory Data Package	Grid Characterization
J	J9-23-7-3	J9-23-7-3	0-0.5	11/20/96	Complete Laboratory Data Package	Grid Characterization
J	J9-23-7-3	J9-23-7-3	0.5-1	11/20/96	Complete Laboratory Data Package	Grid Characterization
J	J9-23-7-3	J9-23-7-3	1-2	11/20/96	Complete Laboratory Data Package	Grid Characterization
J	J9-23-7-3	J9-23-7-3	2-4	11/20/96	Complete Laboratory Data Package	Supplemental (note 5)
J	J9-23-7-4	J9-23-7-4	0-0.5	11/20/96	Complete Laboratory Data Package	Grid Characterization
J	J9-23-7-4	J9-23-7-4	0.5-1	11/20/96	Complete Laboratory Data Package	Grid Characterization
J	J9-23-7-4	J9-23-7-4	1-2	11/20/96	Complete Laboratory Data Package	Supplemental (note 5)
J	J9-23-7-4	J9-23-7-4	2-4	11/20/96	Complete Laboratory Data Package	Supplemental (note 5)
U	J9-23-8-SB-1	J9-23-8-SB-1	0-0.5	3/31/98	Complete Laboratory Data Package	Grid Characterization
U	J9-23-8-SB-1	J9-23-8-SB-1	0.5-2	3/31/98	Complete Laboratory Data Package	Grid Characterization
U	J9-23-8-SB-1	J9-23-8-SB-1	2-4	3/31/98	Complete Laboratory Data Package	Grid Characterization
U	J9-23-8-SB-1	J9-23-8-SB-1	4-6	3/31/98	Complete Laboratory Data Package	Grid Characterization
U	J9-23-8-SB-1	J9-23-8-SB-1	6-8	3/31/98	Complete Laboratory Data Package	Grid Characterization
U	J9-23-8-SB-1	J9-23-8-SB-1	8-10	3/31/98	Complete Laboratory Data Package	Grid Characterization
U	J9-23-8-SB-1	J9-23-8-DUP-2	8-10	3/31/98	Complete Laboratory Data Package	Grid Characterization
U	J9-23-8-SB-2	J9-23-8-SB-2	0-0.5	3/27/98	Complete Laboratory Data Package	Supplemental (note 5)
U	J9-23-8-SB-2	J9-23-8-SB-2	0.5-2	3/27/98	Complete Laboratory Data Package	Supplemental (note 5)
U	J9-23-8-SB-2	J9-23-8-SB-2	2-4	3/27/98	Complete Laboratory Data Package	Supplemental (note 5)
U	J9-23-8-SB-2	J9-23-8-DUP-1	2-4	3/27/98	Complete Laboratory Data Package	Supplemental (note 5)
U	J9-23-8-SB-2	J9-23-8-SB-2	4-6	3/27/98	Complete Laboratory Data Package	Supplemental (note 5)
U	J9-23-8-SB-2	J9-23-8-SB-2	6-8	3/27/98	Complete Laboratory Data Package	Supplemental (note 5)
U	J9-23-8-SB-2	J9-23-8-SB-2	8-10	3/27/98	Complete Laboratory Data Package	Supplemental (note 5)
U	J9-23-8-SB-3	J9-23-8-SB-3	0-0.5	3/27/98	Complete Laboratory Data Package	Grid Characterization
U	J9-23-8-SB-3	J9-23-8-SB-3	0.5-2	3/27/98	Complete Laboratory Data Package	Grid Characterization
U	J9-23-8-SB-3	J9-23-8-SB-3	2-4	3/27/98	Complete Laboratory Data Package	Grid Characterization
U	J9-23-8-SB-3	J9-23-8-SB-3	4-6	3/27/98	Complete Laboratory Data Package	Grid Characterization
U	J9-23-8-SB-3	J9-23-8-SB-3	6-8	3/27/98	Complete Laboratory Data Package	Grid Characterization
U	J9-23-8-SB-3	J9-23-8-SB-3	8-10	3/27/98	Complete Laboratory Data Package	Grid Characterization
U	J9-23-8-SB-3	J9-23-8-SB-3	10-12	3/27/98	Complete Laboratory Data Package	Grid Characterization
U	J9-23-8-SB-3	J9-23-8-SB-3	12-14	3/27/98	Complete Laboratory Data Package	Grid Characterization
U	J9-23-8-SB-3	J9-23-8-SB-3	14-16	3/27/98	Complete Laboratory Data Package	Grid Characterization
U	J9-23-8-SB-3	J9-23-8-SB-3	16-18	3/27/98	Complete Laboratory Data Package	Rejected (Depth)
N	N2SC-01	CS01	0-1	10/29/98	Complete Laboratory Data Package	Supplemental (note 5)
N	N2SC-01	CS0103	1-3	10/29/98	Complete Laboratory Data Package	Supplemental (note 5)
N	N2SC-01	CS0306	3-6	10/29/98	Complete Laboratory Data Package	Supplemental (note 5)
N	N2SC-01	CS0610	6-10	10/29/98	Complete Laboratory Data Package	Supplemental (note 5)
N	N2SC-01	CS1015	10-15	10/29/98	Complete Laboratory Data Package	Supplemental (note 5)
N	N2SC-01	CS3840	38-40	10/29/98	Complete Laboratory Data Package	Rejected (Depth)
N	N2SC-02	CS01	0-1	11/3/98	Complete Laboratory Data Package	Grid Characterization
N	N2SC-02	CS0103	1-3	11/3/98	Complete Laboratory Data Package	Grid Characterization
N	N2SC-02	CS0306	3-6	11/3/98	Complete Laboratory Data Package	Grid Characterization
N	N2SC-02	CS0610	6-10	11/3/98	Complete Laboratory Data Package	Grid Characterization
N	N2SC-02	CS1015	10-15	11/3/98	Complete Laboratory Data Package	Grid Characterization
N	N2SC-02	CS3436	34-36	11/4/98	Complete Laboratory Data Package	Rejected (Depth)
N	N2SC-02	CS3638	36.5-38	11/4/98	Complete Laboratory Data Package	Rejected (Depth)
N	N2SC-03	CS01	0-1	11/2/98	Complete Laboratory Data Package	Grid Characterization
N	N2SC-03	CS0103	1-3	11/2/98	Complete Laboratory Data Package	Supplemental (note 5)

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Data	Sample	 	Depth	Date		
Source	Location	Sample ID	Interval	Collected	Available Documentation	Proposed Data Usage
N	N2SC-03	CS0306	3-6	11/2/98	Complete Laboratory Data Package	Supplemental (note 5)
N	N2SC-03	CS0610	6-10	11/2/98	Complete Laboratory Data Package	Supplemental (note 5)
N	N2SC-03	CS1015	10-15	11/2/98	Complete Laboratory Data Package	Supplemental (note 5)
N	N2SC-03	CS3638	36-38	11/2/98	Complete Laboratory Data Package	Rejected (Depth)
N	N2SC-04	CS01	0-1	11/4/98	Complete Laboratory Data Package	Grid Characterization
N	N2SC-04	CS0103	1-3	11/4/98	Complete Laboratory Data Package	Supplemental (note 5)
N	N2SC-04	CS0306	3-6	11/4/98	Complete Laboratory Data Package	Supplemental (note 5)
N	N2SC-04	CS0610	6-10	11/4/98	Complete Laboratory Data Package	Supplemental (note 5)
N	N2SC-04	CS1015	10-15	11/4/98	Complete Laboratory Data Package	Supplemental (note 5)
N	N2SC-04	CS2830	28-30	11/5/98	Complete Laboratory Data Package	Rejected (Depth)
N	N2SC-05	CS01	0-1	11/5/98	Complete Laboratory Data Package	Grid Characterization
N	N2SC-05	CS0103	1-3	11/5/98	Complete Laboratory Data Package	Grid Characterization
N	N2SC-05	CS0306	3-6	11/5/98	Complete Laboratory Data Package	Grid Characterization
N	N2SC-05	CS0610	6-10	11/5/98	Complete Laboratory Data Package	Grid Characterization
N	N2SC-05	CS1015	10-15	11/5/98	Complete Laboratory Data Package	Grid Characterization
N	N2SC-05	CS3436	34-36	11/5/98	Complete Laboratory Data Package	Rejected (Depth)
N	N2SC-06	CS01	0-1	10/28/98	Complete Laboratory Data Package	Grid Characterization
N	N2SC-06	CS0103	1-3	10/28/98	Complete Laboratory Data Package	Grid Characterization
N	N2SC-06	CS0306	3-6	10/28/98	Complete Laboratory Data Package	Grid Characterization
N	N2SC-06	CS0610	6-10	10/28/98	Complete Laboratory Data Package	Grid Characterization
N	N2SC-06	CS1015	10-15	10/28/98	Complete Laboratory Data Package	Grid Characterization
N	N2SC-06	CS3436	34-36	10/28/98	Complete Laboratory Data Package	Rejected (Depth)
N	N2SC-07	CS01	0-1	11/6/98	Complete Laboratory Data Package	Grid Characterization
N	N2SC-07	CS0103	1-3	11/6/98	Complete Laboratory Data Package	Grid Characterization
N	N2SC-07	CS0306	3-6	11/6/98	Complete Laboratory Data Package	Grid Characterization
N	N2SC-07	CS0610	6-10	11/6/98	Complete Laboratory Data Package	Grid Characterization
N	N2SC-07	CS1015	10-15	11/6/98	Complete Laboratory Data Package	Grid Characterization
N	N2SC-07	CS3234	32-34	11/9/98	Complete Laboratory Data Package	Rejected (Depth)
N	N2SC-07	CS3436	34-36	11/9/98	Complete Laboratory Data Package	Rejected (Depth)
0	N2SC-08	CS01	0-1	4/2/99	Complete Laboratory Data Package	Grid Characterization
0	N2SC-08	CS0103	1-3	4/2/99	Complete Laboratory Data Package	Supplemental (note 5)
0	N2SC-08	CS0306	3-6	4/2/99	Complete Laboratory Data Package	Supplemental (note 5)
0	N2SC-08	CS0610	6-10	4/2/99	Complete Laboratory Data Package	Supplemental (note 5)
0	N2SC-08	CS1015	10-15	4/2/99	Complete Laboratory Data Package	Supplemental (note 5)
0	N2SC-08	SS22	38-40	4/2/99	Complete Laboratory Data Package	Rejected (Depth)
0	N2SC-08	SS23	40-42	4/2/99	Complete Laboratory Data Package	Rejected (Depth)
0	N2SC-09	CS01	0-1	4/1/99	Complete Laboratory Data Package	Grid Characterization
0	N2SC-09	CS0103	1-3	4/1/99	Complete Laboratory Data Package	Supplemental (note 5)
0	N2SC-09	CS0306	3-6	4/1/99	Complete Laboratory Data Package	Supplemental (note 5)
0	N2SC-09	CS0610	6-10	4/1/99	Complete Laboratory Data Package	Supplemental (note 5)
0	N2SC-09	CS1015	10-15	4/1/99	Complete Laboratory Data Package	Supplemental (note 5)
0	N2SC-09	CS3640	36-40	4/1/99	Complete Laboratory Data Package	Rejected (Depth)
0	N2SC-09	SS22	38-40	4/1/99	Complete Laboratory Data Package	Rejected (Depth)
0	N2SC-10	CS01	0-1	4/14/99	Complete Laboratory Data Package	Grid Characterization
0	N2SC-10	CS0103	1-3	4/14/99	Complete Laboratory Data Package	Supplemental (note 5)
0	N2SC-10	CS0306	3-6	4/14/99	Complete Laboratory Data Package	Supplemental (note 5)
0	N2SC-10	CS0610	6-10	4/14/99	Complete Laboratory Data Package	Supplemental (note 5)
0	N2SC-10	SS07	10-12	4/14/99	Complete Laboratory Data Package	Supplemental (note 5)

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Data Source	Sample Location	Sample ID	Depth Interval	Date Collected	Available Documentation	Proposed Data Usage
0	N2SC-10	CS1015	10-15	4/14/99	Complete Laboratory Data Package	Supplemental (note 5)
0	N2SC-10	CS1822	18-22	4/14/99	Complete Laboratory Data Package	Rejected (Depth)
0	N2SC-10	CS2832	28-32	4/14/99	Complete Laboratory Data Package	Rejected (Depth)
0	N2SC-10	SS22	38-40	4/14/99	Complete Laboratory Data Package	Rejected (Depth)
0	N2SC-11	SS11	34-36	4/29/99	Complete Laboratory Data Package	Rejected (Depth)
0	N2SC-12	SS12	36-38	4/30/99	Complete Laboratory Data Package	Rejected (Depth)
J	NS-1	NS-1	0-4	8/29/89	Certificate of Analysis	Rejected (Depth)
J	NS-1	NS-1	4-8	8/29/89	Certificate of Analysis	Rejected (Method)
J	NS-1	NS-1	8-12	8/29/89	Certificate of Analysis	Rejected (Method)
R	NS-1A	RN1AB0002	0-2	5/22/91	Certificate of Analysis	Grid Characterization
R	NS-1A	RN1AB0204	2-4	5/22/91	Certificate of Analysis	Supplemental (note 5)
R	NS-1A	RN1AB0406	4-6	5/22/91	Certificate of Analysis	Supplemental (note 5)
R	NS-1A	RN1AB0608	6-8	5/22/91	Certificate of Analysis	Supplemental (note 5)
R	NS-1A	RN1AB0810	8-10	5/22/91	Certificate of Analysis	Supplemental (note 5)
R	NS-1A	RN1AB1012	10-12	5/23/91	Certificate of Analysis	Supplemental (note 5)
R	NS-1A	RN1AB1214	12-14	5/23/91	Certificate of Analysis	Supplemental (note 5)
R	NS-1A	RN1AB1416	14-16	5/23/91	Certificate of Analysis	Supplemental (note 5)
R	NS-1A	RN1AB1618	16-18	5/23/91	Certificate of Analysis	Rejected (Depth)
R	NS-1A	RN1AB1820	18-20	5/23/91	Certificate of Analysis	Rejected (Depth)
J	NS-1A	NS-1A (S)	18-20	5/23/91	None	Rejected (Depth)
R	NS-1A	RN1AB2022	20-22	5/23/91	Certificate of Analysis	Rejected (Depth)
R	NS-1A	RN1AB2224	22-24	5/23/91	Certificate of Analysis	Rejected (Depth)
J	NS-2	NS-2	0-4	8/29/89	Certificate of Analysis	Rejected (Depth)
J	NS-2	NS-2	4-8	8/29/89	Certificate of Analysis	Rejected (Method)
J	NS-2	NS-2	8-12	8/29/89	Certificate of Analysis	Rejected (Method)
R	NS-2A	RN2AB0002	0-2	11/12/91	None	Supplemental (note 4)
R	NS-2A	RN2AB0204	2-4	11/12/91	None	Supplemental (note 4)
R	NS-2A	RN2AB0406	4-6	11/12/91	None	Supplemental (note 4)
R	NS-2A	NS-2A (DUP)	4-6	11/12/91	None	Supplemental (note 4)
R	NS-2A	RN2AB0608	6-8	11/12/91	None	Supplemental (note 4)
R	NS-2A	RN2AB0810	8-10	11/12/91	Certificate of Analysis	Supplemental (note 5)
R	NS-2A	RN2AB1012	10-12	11/12/91	Certificate of Analysis	Supplemental (note 5)
R	NS-2A	RN2AB1214	12-14	11/12/91	Certificate of Analysis	Supplemental (note 5)
R	NS-2A	RN2AB1416	14-16	11/12/91	Certificate of Analysis	Supplemental (note 5)
R	NS-2A	RN2AB1618	16-18	11/12/91	Certificate of Analysis	Rejected (Depth)
R	NS-2A	RN2AB1820	18-20	11/12/91	Certificate of Analysis	Rejected (Depth)
J	NS-2A	NS-2A (S)	18-20	11/12/91	None	Rejected (Depth)
R	NS-2A	RN2AB2022	20-22	11/12/91	Certificate of Analysis	Rejected (Depth)
R	NS-2A	RN2AB2224	22-24	11/12/91	Certificate of Analysis	Rejected (Depth)
J	NS-3	NS-3	0-4	8/29/89	Certificate of Analysis	Rejected (Depth)
J	NS-3	NS-3	4-8	8/29/89	Certificate of Analysis	Rejected (Method)
J	NS-3	NS-3	8-12	8/29/89	Certificate of Analysis	Rejected (Method)
J	NS-4	NS-4	0-4	8/29/89	Certificate of Analysis	Rejected (Depth)
J	NS-4	NS-4	4-8	8/29/89	Certificate of Analysis	Rejected (Method)
J	NS-4	NS-4	8-12	8/29/89	Certificate of Analysis	Rejected (Method)
J	NS-5	RN05B0002	0-2	5/22/91	Certificate of Analysis	Grid Characterization
J	NS-5	RN05B0204	2-4	5/22/91	Certificate of Analysis	Grid Characterization
J	NS-5	NS-5 (S)	2-4	5/22/91	None	Supplemental (note 4)

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Data Source	Sample Location	Sample ID	Depth Interval	Date Collected	Available Documentation	Proposed Data Usage
J	NS-5	RN05B0406	4-6	5/22/91	Certificate of Analysis	Grid Characterization
J	NS-5	RN05B0608	6-8	5/22/91	Certificate of Analysis	Grid Characterization
J	NS-5	NS-5(DUP)	6-8	5/22/91	Certificate of Analysis	Grid Characterization
J	NS-5	RN05B0810	8-10	5/22/91	Certificate of Analysis	Grid Characterization
J	NS-5	RN05B1012	10-12	5/22/91	Certificate of Analysis	Grid Characterization
J	NS-5	RN05B1214	12-14	5/22/91	Certificate of Analysis	Grid Characterization
R	NS-6	RN06B0002	0-2	11/12/91	None	Supplemental (note 4)
R	NS-6	RN06B0204	2-4	11/12/91	None	Supplemental (note 4)
R	NS-6	RN06B0406	4-6	11/12/91	None	Supplemental (note 4)
J	NS-6	NS-6 (S)	4-6	11/12/91	None	Supplemental (note 4)
R	NS-6	RN06B0608	6-8	11/12/91	None	Supplemental (note 4)
R	NS-6	RN06B0810	8-10	11/12/91	None	Supplemental (note 4)
R	NS-6	RN06B1012	10-12	11/12/91	None	Supplemental (note 4)
R	NS-6	RN06B1214	12-14	11/12/91	None	Supplemental (note 4)
R	NS-7	RN07B0002	0-2	5/24/91	Certificate of Analysis	Grid Characterization
R	NS-7	RN07B0204	2-4	5/24/91	Certificate of Analysis	Supplemental (note 5)
R	NS-7	RN07B0608	6-8	5/24/91	None	Supplemental (note 4)
R	NS-7	RN07B0810	8-10	5/24/91	Certificate of Analysis	Supplemental (note 5)
R	NS-7	RN07B1012	10-12	5/24/91	Certificate of Analysis	Supplemental (note 5)
R	NS-7	RN07B1214	12-14	5/24/91	Certificate of Analysis	Supplemental (note 5)
R	NS-7	RN07B1416	14-16	5/24/91	Certificate of Analysis	Supplemental (note 5)
R	NS-8	RN08B0002	0-2	5/21/91	Certificate of Analysis	Grid Characterization
R	NS-8	RN08B0204	2-4	5/21/91	Certificate of Analysis	Grid Characterization
R	NS-8	RN08B0406	4-6	5/21/91	Certificate of Analysis	Grid Characterization
R	NS-8	RN08B0608	6-8	5/21/91	Certificate of Analysis	Grid Characterization
R	NS-8	RN08B0810	8-10	5/21/91	Certificate of Analysis	Grid Characterization
R	NS-8	RN08B1012	10-12	5/21/91	Certificate of Analysis	Grid Characterization
R	NS-8	RN08B1214	12-14	5/21/91	Certificate of Analysis	Grid Characterization
J	NS-8	NS-8 (S)	12-14	5/21/91	None	Supplemental (note 4)
R	NS-9	RN09B0002	0-2	10/24/91	Certificate of Analysis	Grid Characterization
R	NS-9	RN09B0204	2-4	10/24/91	Certificate of Analysis	Grid Characterization
R	NS-9	RN09B0406	4-6	10/24/91	Certificate of Analysis	Grid Characterization
R	NS-9	NS-9 (DUP)	4-6	10/24/91	Certificate of Analysis	Grid Characterization
R	NS-9	RN09B0608	6-8	10/24/91	Certificate of Analysis	Grid Characterization
R	NS-9	RN09B0810	8-10	10/24/91	Certificate of Analysis	Grid Characterization
R	NS-9	RN09B1012	10-12	10/24/91	Certificate of Analysis	Grid Characterization
R	NS-9	RN09B1214	12-14	10/25/91	None	Supplemental (note 4)
J	NS-9	NS-9 (S)	12-14	10/25/91	None	Supplemental (note 4)
R	NS-9	RN09B1416	14-16	10/25/91	Certificate of Analysis	Grid Characterization
J	NS-9	NS-9 (S)	14-16	10/25/91	None	Supplemental (note 4)
R	NS-9	RN09B1618	16-18	10/25/91	Certificate of Analysis	Rejected (Depth)
R	NS-9	RN09B1820	18-20	10/25/91	Certificate of Analysis	Rejected (Depth)
R	NS-9	RN09B2022	20-22	10/25/91	Certificate of Analysis	Rejected (Depth)
R	NS-9	RN09B2224	22-24	10/25/91	Certificate of Analysis	Rejected (Depth)
R	NS-10	RN10B0002	0-2	11/15/91	Certificate of Analysis	Grid Characterization
R	NS-10	RN10B0204	2-4	11/15/91	Certificate of Analysis	Supplemental (note 5)
R	NS-10	RN10B0406	4-6	11/15/91	Certificate of Analysis	Supplemental (note 5)
R	NS-10	RN10B0608	6-8	11/15/91	Certificate of Analysis	Supplemental (note 5)

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Data	Sample	Sample ID	Depth	Date	Available Documentation	Proposed Data Usage
Source	Location	Sample ID	Interval	Collected	Available Documentation	Troposed Data Osage
R	NS-10	RN10B0810	8-10	11/15/91	Certificate of Analysis	Supplemental (note 5)
R	NS-10	RN10B1012	10-12	11/15/91	Certificate of Analysis	Supplemental (note 5)
R	NS-10	NS-10 (DUP)	10-12	11/15/91	Certificate of Analysis	Supplemental (note 5)
J	NS-10	NS-10 (S)	10-12	11/15/91	None	Supplemental (note 4)
J	NS-10 (dup)	NS-10 (S) (DUP)	10-12	11/15/91	None	Supplemental (note 4)
R	NS-10	RN10B1214	12-14	11/15/91	Certificate of Analysis	Supplemental (note 5)
R	NS-10	RN10B1416	14-16	11/15/91	Certificate of Analysis	Supplemental (note 5)
R	NS-10	RN10B1618	16-18	11/15/91	Certificate of Analysis	Rejected (Depth)
R	NS-10	RN10B1820	18-20	11/15/91	Certificate of Analysis	Rejected (Depth)
R	NS-11	RN11B0002	0-2	12/10/91	Certificate of Analysis	Grid Characterization
R	NS-11	RN11B0204	2-4	12/10/91	Certificate of Analysis	Supplemental (note 5)
R	NS-11	RN11B0406	4-6	12/10/91	Certificate of Analysis	Supplemental (note 5)
R	NS-11	RN11B0608	6-8	12/10/91	Certificate of Analysis	Supplemental (note 5)
R	NS-11	RN11B0810	8-10	12/10/91	Certificate of Analysis	Supplemental (note 5)
R	NS-11	RN11B1012	10-12	12/10/91	Certificate of Analysis	Supplemental (note 5)
R	NS-11	RN11B1416	14-16	12/10/91	Certificate of Analysis	Supplemental (note 5)
R	NS-11	RN11B1618	16-18	12/10/91	Certificate of Analysis	Rejected (Depth)
R	NS-11	RN11B1820	18-20	12/10/91	Certificate of Analysis	Rejected (Depth)
R	NS-12	RN12B0002	0-2	5/22/91	Certificate of Analysis	Grid Characterization
R	NS-12	RN12B0204	2-4	5/22/91	Certificate of Analysis	Grid Characterization
R	NS-12	RN12B0406	4-6	5/22/91	Certificate of Analysis	Grid Characterization
R	NS-12	RN12B0608	6-8	5/22/91	Certificate of Analysis	Grid Characterization
R	NS-12	RN12B0810	8-10	5/22/91	Certificate of Analysis	Grid Characterization
R	NS-12	RN12B1012	10-12	5/22/91	Certificate of Analysis	Grid Characterization
R	NS-12	RN12B1214	12-14	5/22/91	Certificate of Analysis	Grid Characterization
R	NS-12	RN12B1416	14-16	5/22/91	Certificate of Analysis	Grid Characterization
J	NS-12	NS-12 (S)	14-16	5/22/91	None	Supplemental (note 4)
R	NS-13	RN13B0002	0-2	5/21/91	Certificate of Analysis	Grid Characterization
R	NS-13	RN13B0204	2-4	5/21/91	Certificate of Analysis	Supplemental (note 5)
R	NS-13	RN13B0406	4-6	5/21/91	Certificate of Analysis	Supplemental (note 5)
R	NS-13	RN13B0608	6-8	5/21/91	Certificate of Analysis	Supplemental (note 5)
R	NS-13	RN13B0810	8-10	5/21/91	Certificate of Analysis	Supplemental (note 5)
R	NS-13	RN13B1012	10-12	5/21/91	Certificate of Analysis	Supplemental (note 5)
R	NS-13	NS-13 (DUP)	10-12	5/21/91	Certificate of Analysis	Supplemental (note 5)
R	NS-13	RN13B1214	12-14	5/21/91	Certificate of Analysis	Supplemental (note 5)
R	NS-13	RN13B1416	14-16	5/21/91	Certificate of Analysis	Supplemental (note 5)
J	NS-13	NS-13 (S)	14-16	5/21/91	None	Supplemental (note 4)
R	NS-14	RN14B0002	0-2	5/23/91	Certificate of Analysis	Supplemental (note 5)
R	NS-14	RN14B0204	2-4	5/23/91	Certificate of Analysis	Supplemental (note 5)
R	NS-14	RN14B0406	4-6	5/23/91	Certificate of Analysis	Supplemental (note 5)
R	NS-14	RN14B0608	6-8	5/23/91	Certificate of Analysis	Supplemental (note 5)
R	NS-14	RN14B0810	8-10	5/23/91	Certificate of Analysis	Supplemental (note 5)
R	NS-14	RN14B1012	10-12	5/24/91	Certificate of Analysis	Supplemental (note 5)
R	NS-14	RN14B1214	12-14	5/24/91	Certificate of Analysis	Supplemental (note 5)
J	NS-14	NS-14 (S)	12-14	5/24/91	None	Supplemental (note 4)
J	NS-15	NS-15	0-2	6/16/95	None	Supplemental (note 4)
J	NS-15	NS-15	2-4	6/16/95	None	Supplemental (note 4)
J	NS-15	NS-15	4-6	6/16/95	None	Supplemental (note 4)

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Data Source	Sample Location	Sample ID	Depth Interval	Date Collected	Available Documentation	Proposed Data Usage
J	NS-15	NS-15	6-8	6/16/95	None	Supplemental (note 4)
J	NS-15	NS-15	8-10	6/16/95	None	Supplemental (note 4)
J	NS-15	NS-15	10-12	6/16/95	None	Supplemental (note 4)
J	NS-15	NS-15	12-14	6/16/95	None	Supplemental (note 4)
J	NS-15	NS-15	14-16	6/16/95	None	Supplemental (note 4)
J	NS-15	NS-15	16-18	6/16/95	None	Rejected (Depth)
J	NS-15	NS-15	18-20	6/16/95	None	Rejected (Depth)
J	NS-15	NS-15	20-22	6/16/95	None	Rejected (Depth)
J	NS-15	NS-15	22-24	6/16/95	None	Rejected (Depth)
J	NS-15	NS-15	24-26	6/16/95	None	Rejected (Depth)
J	NS-15	NS-15	26-28	6/16/95	None	Rejected (Depth)
J	NS-15	NS-15	28-30	6/16/95	None	Rejected (Depth)
J	NS-15	NS-15	30-32	6/16/95	None	Rejected (Depth)
J	NS-15	NS-15	32-34	6/16/95	None	Rejected (Depth)
J	NS-15	NS-15 (S)	32-34	6/16/95	None	Rejected (Depth)
J	NS-15	NS-15	34-36	6/16/95	None	Rejected (Depth)
J	NS-15	NS-15	36-38	6/16/95	None	Rejected (Depth)
J	NS-16	NS-16	0-2	6/13/95	None	Supplemental (note 4)
J	NS-16	NS-16	2-4	6/13/95	None	Supplemental (note 4)
J	NS-16	NS-16	4-6	6/13/95	None	Supplemental (note 4)
J	NS-16	NS-16	6-8	6/13/95	None	Supplemental (note 4)
J	NS-16	NS-16	8-10	6/13/95	None	Supplemental (note 4)
J	NS-16	NS-16	10-12	6/13/95	None	Supplemental (note 4)
J	NS-16	NS-16	12-14	6/13/95	None	Supplemental (note 4)
J	NS-16	NS-16	14-16	6/13/95	None	Supplemental (note 4)
J	NS-16	NS-16	16-18	6/13/95	None	Rejected (Depth)
J	NS-16	NS-16	18-20	6/13/95	None	Rejected (Depth)
J	NS-16	NS-16 (S)	18-20	6/13/95	None	Rejected (Depth)
J	NS-17	NS-17	0-0.5	6/14/95	None	Supplemental (note 4)
J	NS-17	NS-17	0.5-2	6/14/95	None	Supplemental (note 4)
J	NS-17	NS-17	2-4	6/14/95	None	Supplemental (note 4)
J	NS-17	NS-17 (S)	2-4	6/14/95	None	Supplemental (note 4)
J	NS-17	NS-17	4-6	6/14/95	None	Supplemental (note 4)
J	NS-17	NS-17	6-8	6/14/95	None	Supplemental (note 4)
J	NS-17	NS-17	8-10	6/14/95	None	Supplemental (note 4)
J	NS-17	NS-17 (S)	8-10	6/14/95	None	Supplemental (note 4)
J	NS-17	NS-17	10-12	6/14/95	None	Supplemental (note 4)
J	NS-17	NS-17	12-14	6/14/95	None	Supplemental (note 4)
J	NS-17	NS-17	14-16	6/14/95	None	Supplemental (note 4)
J	NS-18	NS-18	0-0.5	6/14/95	None	Supplemental (note 4)
J	NS-18	NS-18	0.5-2	6/14/95	None	Supplemental (note 4)
J	NS-18	NS-18	2-4	6/14/95	None	Supplemental (note 4)
J	NS-18	NS-18	4-6	6/14/95	None	Supplemental (note 4)
J	NS-18	NS-18 (S)	4-6	6/14/95	None	Supplemental (note 4)
J	NS-18	NS-18	6-8	6/14/95	None	Supplemental (note 4)
J	NS-18	NS-18	8-10	6/14/95	None	Supplemental (note 4)
J	NS-18	NS-18	10-12	6/14/95	None	Supplemental (note 4)
J	NS-18	NS-18	12-14	6/14/95	None	Supplemental (note 4)

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Data Source	Sample Location	Sample ID	Depth Interval	Date Collected	Available Documentation	Proposed Data Usage
J	NS-18	NS-18	14-16	6/14/95	None	Supplemental (note 4)
J	NS-19	NS-19	0-0.5	6/14/95	None	Supplemental (note 4)
J	NS-19	NS-19	0.5-2	6/14/95	None	Supplemental (note 4)
J	NS-19	NS-19	2-4	6/14/95	None	Supplemental (note 4)
J	NS-19	NS-19	4-6	6/14/95	None	Supplemental (note 4)
J	NS-19	NS-19	6-8	6/14/95	None	Supplemental (note 4)
J	NS-19	NS-19	8-10	6/14/95	None	Supplemental (note 4)
J	NS-19	NS-19	10-12	6/14/95	None	Supplemental (note 4)
J	NS-19	NS-19	12-14	6/14/95	None	Supplemental (note 4)
J	NS-19	NS-19	14-16	6/14/95	None	Supplemental (note 4)
J	NS-20	NS-20	0-2	6/12/95	None	Supplemental (note 4)
J	NS-20	NS-20	2-4	6/12/95	None	Supplemental (note 4)
J	NS-20	NS-20	4-6	6/12/95	None	Supplemental (note 4)
J	NS-20	NS-20	6-8	6/12/95	None	Supplemental (note 4)
J	NS-20	NS-20	8-10	6/12/95	None	Supplemental (note 4)
J	NS-20	NS-20	10-12	6/12/95	None	Supplemental (note 4)
J	NS-20	NS-20	12-14	6/12/95	None	Supplemental (note 4)
J	NS-20	NS-20	14-16	6/12/95	None	Supplemental (note 4)
J	NS-21	NS-21	0-0.9	10/6/93	None	Supplemental (note 4)
J	NS-21	NS-21	0-2	6/15/95	None	Supplemental (note 4)
J	NS-21	NS-21	4-6	6/15/95	None	Supplemental (note 4)
J	NS-22	NS-22	0-0.1	10/6/93	None	Supplemental (note 4)
J	NS-22	NS-22	0-0.5	6/15/95	None	Supplemental (note 4)
J	NS-22	NS-22	0.5-2	6/15/95	None	Supplemental (note 4)
J	NS-22	NS-22	2-4	6/15/95	None	Supplemental (note 4)
J	NS-22	NS-22	4-6	6/15/95	None	Supplemental (note 4)
J	NS-22	NS-22	6-8	6/15/95	None	Supplemental (note 4)
J	NS-22	NS-22	8-10	6/15/95	None	Supplemental (note 4)
J	NS-23	NS-23	0-0.11	10/6/93	None	Supplemental (note 4)
J	NS-23	NS-23	0-0.5	6/22/95	None	Supplemental (note 4)
J	NS-23	NS-23	0.5-2	6/22/95	None	Supplemental (note 4)
J	NS-23	NS-23	2-4	6/22/95	None	Supplemental (note 4)
J	NS-23	NS-23	4-6	6/22/95	None	Supplemental (note 4)
J	NS-23	NS-23	6-8	6/22/95	None	Supplemental (note 4)
J	NS-23	NS-23	8-10	6/22/95	None	Supplemental (note 4)
J	NS-23	NS-23	10-12	6/22/95	None	Supplemental (note 4)
J	NS-23	NS-23	12-14	6/22/95	None	Supplemental (note 4)
J	NS-23	NS-23	14-16	6/22/95	None	Supplemental (note 4)
J	NS-23	NS-23	16-18	6/22/95	None	Rejected (Depth)
J	NS-23	NS-23	18-20	6/22/95	None	Rejected (Depth)
J	NS-24	NS-24	0-2	6/13/95	None	Supplemental (note 4)
J	NS-24	NS-24	2-4	6/13/95	None	Supplemental (note 4)
J	NS-24	NS-24	4-6	6/13/95	None	Supplemental (note 4)
J	NS-24	NS-24	6-8	6/13/95	None	Supplemental (note 4)
J	NS-24	NS-24	8-10	6/13/95	None	Supplemental (note 4)
J	NS-24	NS-24	10-12	6/13/95	None	Supplemental (note 4)
J	NS-24	NS-24	12-14	6/13/95	None	Supplemental (note 4)
J	NS-24	NS-24	14-16	6/13/95	None	Supplemental (note 4)

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Data Source	Sample Location	Sample ID	Depth Interval	Date Collected	Available Documentation	Proposed Data Usage
J	NS-24	NS-24	16-18	6/13/95	None	Rejected (Depth)
J	NS-25	NS-25	0-0.5	7/5/95	None	Supplemental (note 4)
J	NS-25	NS-25	0.5-2	7/5/95	None	Supplemental (note 4)
J	NS-25	NS-25	2-4	7/5/95	None	Supplemental (note 4)
J	NS-25	NS-25	4-6	7/5/95	None	Supplemental (note 4)
J	NS-26	NS-26	0-0.5	7/5/95	None	Supplemental (note 4)
J	NS-26	NS-26	0.5-2	7/5/95	None	Supplemental (note 4)
J	NS-26	NS-26 (S)	0.5-2	7/5/95	None	Supplemental (note 4)
J	NS-26	NS-26	2-4	7/5/95	None	Supplemental (note 4)
J	NS-26	NS-26	4-6	7/5/95	None	Supplemental (note 4)
J	NS-27	NS-27	0-0.5	7/5/95	None	Supplemental (note 4)
J	NS-27	NS-27	0.5-2	7/5/95	None	Supplemental (note 4)
J	NS-27	NS-27	2-4	7/5/95	None	Supplemental (note 4)
J	NS-27	NS-27	4-6	7/5/95	None	Supplemental (note 4)
J	NS-28	NS-28	0-0.5	7/10/95	None	Supplemental (note 4)
J	NS-28	NS-28	0.5-2	7/10/95	None	Supplemental (note 4)
J	NS-28	NS-28	2-4	7/10/95	None	Supplemental (note 4)
J	NS-28	NS-28	4-6	7/10/95	None	Supplemental (note 4)
J	NS-29	NS-29	0-0.5	7/10/95	None	Supplemental (note 4)
J	NS-29	NS-29	0.5-2	7/10/95	None	Supplemental (note 4)
J	NS-29	NS-29	2-4	7/10/95	None	Supplemental (note 4)
J	NS-32	NS-32	38-38.5	1/30/96	Certificate of Analysis	Rejected (Depth)
J	NS-33	NS-33	0-2	2/6/96	Certificate of Analysis	Rejected (Method)
J	NS-33	NS-33	2-4	2/6/96	Certificate of Analysis	Rejected (Method)
J	NS-33	NS-33	4-6	2/6/96	Certificate of Analysis	Rejected (Method)
J	NS-33	NS-33	6-8	2/6/96	Certificate of Analysis	Rejected (Method)
J	NS-33	NS-33	8-10	2/6/96	Certificate of Analysis	Rejected (Method)
J	NS-33	NS-33	10-12	2/6/96	Certificate of Analysis	Rejected (Method)
J	NS-33	NS-33	12-14	2/6/96	Certificate of Analysis	Rejected (Method)
J	NS-33	NS-33	14-16	2/6/96	Certificate of Analysis	Rejected (Method)
J	NS-33	NS-33(DUP)	14-16	2/6/96	Certificate of Analysis	Rejected (Method)
J	NS-34	N34B0002	0-2	11/13/96	Complete Laboratory Data Package	Grid Characterization
J	NS-34	N34B0204	2-4	11/13/96	Complete Laboratory Data Package	Supplemental (note 5)
J	NS-34	N34B0406	4-6	11/13/96	Complete Laboratory Data Package	Supplemental (note 5)
Ĵ	NS-34	N34B0608	6-8	11/13/96	Complete Laboratory Data Package	Supplemental (note 5)
J	NS-34	N34B0810	8-10	11/13/96	Complete Laboratory Data Package	Supplemental (note 5)
J	NS-34	N34B1012	10-12	11/13/96	Complete Laboratory Data Package	Supplemental (note 5)
J	NS-34	N34B1214	12-14	11/13/96	Complete Laboratory Data Package	Supplemental (note 5)
ļ_ļ_	NS-34	N34B1416	14-16	11/13/96	Complete Laboratory Data Package	Supplemental (note 5)
J	NS-34	N34B1618	16-18	11/13/96	Complete Laboratory Data Package	Rejected (Depth)
J	NS-34	N34B1820	18-20	11/13/96	Complete Laboratory Data Package	Rejected (Depth)
J	NS-34	N34B2022	20-22	11/13/96	Complete Laboratory Data Package	Rejected (Depth)
J	NS-34	N34B2224	22-24	11/13/96	Complete Laboratory Data Package	Rejected (Depth)
J	NS-34	N34B2426	24-26	11/13/96	Complete Laboratory Data Package	Rejected (Depth)
J	NS-34	N34B2628	26-28	11/13/96	Complete Laboratory Data Package	Rejected (Depth)
J	NS-34	N34B2830	28-30	11/13/96	Complete Laboratory Data Package	Rejected (Depth)
_	NS-34	N34B3032	30-32	11/13/96	Complete Laboratory Data Package	Rejected (Depth)
J	NS-34	N34B3234	32-34	11/13/96	Complete Laboratory Data Package	Rejected (Depth)

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Data Source	Sample Location	Sample ID	Depth Interval	Date Collected	Available Documentation	Proposed Data Usage
J	NS-34	NS-34 (DUP)	32-34	11/13/96	Complete Laboratory Data Package	Rejected (Depth)
J	NS-35	N35B000.5	0-0.5	11/12/96	Complete Laboratory Data Package	Grid Characterization
J	NS-35	N35B0.502	0.5-2	11/12/96	Complete Laboratory Data Package	Supplemental (note 5)
J	NS-35	N35B0204	2-4	11/12/96	Complete Laboratory Data Package	Supplemental (note 5)
J	NS-35	N35B0406	4-6	11/12/96	Complete Laboratory Data Package	Supplemental (note 5)
J	NS-35	N35B0608	6-8	11/12/96	Complete Laboratory Data Package	Supplemental (note 5)
J	NS-35	N35B0810	8-10	11/12/96	Complete Laboratory Data Package	Supplemental (note 5)
J	NS-35	N35B1012	10-12	11/12/96	Complete Laboratory Data Package	Supplemental (note 5)
J	NS-35	N35B1214	12-14	11/12/96	Complete Laboratory Data Package	Supplemental (note 5)
J	NS-35	N35B1416	14-16	11/12/96	Complete Laboratory Data Package	Supplemental (note 5)
J	NS-35	N35B1618	16-18	11/12/96	Complete Laboratory Data Package	Rejected (Depth)
J	NS-35	N35B1820	18-20	11/12/96	Complete Laboratory Data Package	Rejected (Depth)
J	NS-35	N35B2022	20-22	11/12/96	Complete Laboratory Data Package	Rejected (Depth)
J	NS-35	N35B2224	22-24	11/12/96	Complete Laboratory Data Package	Rejected (Depth)
J	NS-35	N35B2426	24-26	11/12/96	Complete Laboratory Data Package	Rejected (Depth)
J	NS-35	N35B2628	26-28	11/12/96	Complete Laboratory Data Package	Rejected (Depth)
J	NS-35	N35B2829	28-29	11/12/96	Complete Laboratory Data Package	Rejected (Depth)
J	NS-36	N36B0002	0-2	11/14/96	Complete Laboratory Data Package	Grid Characterization
J	NS-36	N36B0204	2-4	11/14/96	Complete Laboratory Data Package	Grid Characterization
J	NS-36	N36B0406	4-6	11/14/96	Complete Laboratory Data Package	Grid Characterization
J	NS-36	N36B0608	6-8	11/14/96	Complete Laboratory Data Package	Grid Characterization
J	NS-36	N36B0810	8-10	11/14/96	Complete Laboratory Data Package	Grid Characterization
J	NS-36	N36B1012	10-12	11/14/96	Complete Laboratory Data Package	Grid Characterization
J	NS-36	NS-36 (DUP)	10-12	11/14/96	Complete Laboratory Data Package	Grid Characterization
J	NS-36	N36B1214	12-14	11/14/96	Complete Laboratory Data Package	Grid Characterization
J	NS-36	N36B1416	14-16	11/14/96	Complete Laboratory Data Package	Grid Characterization
J	NS-36	N36B1618	16-18	11/14/96	Complete Laboratory Data Package	Rejected (Depth)
J	NS-36	N36B1820	18-20	11/14/96	Complete Laboratory Data Package	Rejected (Depth)
J	NS-36	N36B2022	20-22	11/14/96	Complete Laboratory Data Package	Rejected (Depth)
J	NS-37	N37B0002	0-2	11/15/96	Complete Laboratory Data Package	Grid Characterization
J	NS-37	N37B0204	2-4	11/15/96	Complete Laboratory Data Package	Grid Characterization
J	NS-37	N37B0406	4-6	11/15/96	Complete Laboratory Data Package	Grid Characterization
J	NS-37	N37B0608	6-8	11/15/96	Complete Laboratory Data Package	Grid Characterization
J	NS-37	N37B0810	8-10	11/15/96	Complete Laboratory Data Package	Grid Characterization
J	NS-37	N37B1012	10-12	11/15/96	Complete Laboratory Data Package	Grid Characterization
J	NS-37	N37B1214	12-14	11/15/96	Complete Laboratory Data Package	Grid Characterization
J	NS-37	N37B1416	14-16	11/15/96	Complete Laboratory Data Package	Grid Characterization
J	NS-37	N37B1618	16-18	11/15/96	Complete Laboratory Data Package	Rejected (Depth)
J	NS-37	N37B1820	18-20	11/15/96	Complete Laboratory Data Package	Rejected (Depth)
J	NS-37	N37B2021	20-21	11/15/96	Complete Laboratory Data Package	Rejected (Depth)
J	NS-37	NS-37 (DUP)	20-21	11/15/96	Complete Laboratory Data Package	Rejected (Depth)
J	NS-161-C7	NS-161-C7	0-0.5	11/21/96	Complete Laboratory Data Package	Supplemental (note 5)
J	NS-163-C6	NS-163-C6	0-0.5	11/21/96	Complete Laboratory Data Package	Supplemental (note 5)
J	NS-163-C7	NS-163-C7	0-0.5	11/21/96	Complete Laboratory Data Package	Grid Characterization
J	QP-10	QP-10	0-8	5/8/87	Certificate of Analysis	Rejected (Depth)
J	QP-10	QP-10	8-12	5/8/87	Certificate of Analysis	Rejected (Method)
J	QP-11	QP-11	0-2	5/8/87	Certificate of Analysis	Rejected (Method)
J	QP-11	QP-11	2-12	5/8/87	Certificate of Analysis	Rejected (Depth)

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Data Source	Sample Location	Sample ID	Depth Interval	Date Collected	Available Documentation	Proposed Data Usage
P	RAA13-2	RAA13-2	0-1	5/2/01	Complete Laboratory Data Package	Grid Characterization
P	RAA13-2	RAA13-2	1-3	5/2/01	Complete Laboratory Data Package	Supplemental (note 5)
P	RAA13-2	RAA13-2	3-6	5/2/01	Complete Laboratory Data Package	Supplemental (note 5)
P	RAA13-2	RAA13-2	6-10	5/2/01	Complete Laboratory Data Package	Supplemental (note 5)
P	RAA13-2	RAA13-2 RAA13-2	10-15	5/2/01	Complete Laboratory Data Package	Supplemental (note 5)
P	RAA13-2	RAA13-2	20-22	5/2/01	Complete Laboratory Data Package	Rejected (Depth)
P	RAA13-2 RAA13-3	RAA13-3	0-1	5/2/01	Complete Laboratory Data Package	Grid Characterization
P	RAA13-3	RAA13-DUP-2	0-1	5/2/01	Complete Laboratory Data Package	Grid Characterization
P	RAA13-3	RAA13-3	1-3	5/2/01	Complete Laboratory Data Package	Grid Characterization
P	RAA13-3	RAA13-3	3-6	5/2/01	Complete Laboratory Data Package	Grid Characterization
P	RAA13-3	RAA13-3	6-10	5/2/01	Complete Laboratory Data Package	Grid Characterization
P	RAA13-3	RAA13-3	10-15	5/2/01	Certificate of Analysis	Grid Characterization
P	RAA13-3	RAA13-3	22-24	5/2/01	Complete Laboratory Data Package	Rejected (Depth)
J	RB-1-3	RB-1, 3	0-1	5/16/88	Certificate of Analysis	Rejected (Method)
		 			Certificate of Analysis Certificate of Analysis	Rejected (Method)
J	RB-1-6	RB-1, 6	0-1	5/16/88		
J	RB-1-9	RB-1, 9	0-1	5/16/88	Certificate of Analysis	Rejected (Method)
R	RB-6	RNRB60002	0-2	5/21/91	Certificate of Analysis	Supplemental (note 5)
J	RB-6	RB-6 (S)	0-2	5/21/91	None None	Supplemental (note 4)
R	RB-6	RNRB60204	2-4	5/21/91	Complete Laboratory Data Package	Supplemental (note 5)
J	RB-6	RB-6 (S)	2-4	5/21/91	None	Supplemental (note 4)
R	RB-7	RNRB70002	0-2	5/21/91	Certificate of Analysis	Supplemental (note 5)
J	RB-7	RB-7 (S)	0-2	5/21/91	None	Supplemental (note 4)
R	RB-7	RNRB70204	2-4	5/21/91	Certificate of Analysis	Supplemental (note 5)
J	RB-7	RB-7 (S)	2-4	5/21/91	None	Supplemental (note 4)
J	RB-8-3	RB-8-3	0-0.5	6/14/95	None	Supplemental (note 4)
J	RB-8-3	RB-8-3	0.5-1	6/14/95	None	Supplemental (note 4)
J	RB-8-6	RB-8-6	0-0.5	6/14/95	None	Supplemental (note 4)
J	RB-8-6	RB-8-6	0.5-1	6/14/95	None	Supplemental (note 4)
J	RB-8-9	RB-8-9	0-0.5	6/14/95	None	Supplemental (note 4)
J	RB-8-9	RB-8-9	0.5-1	6/14/95	None	Supplemental (note 4)
J	RB-9	RB-9	0-0.5	6/14/95	None	Supplemental (note 4)
J	RB-10	RB-10	0-0.5	6/14/95	None	Supplemental (note 4)
J	RB-11	RB-11	0-0.5	6/15/95	None	Supplemental (note 4)
J	RB-12	RB-12	0-0.5	6/15/95	None	Supplemental (note 4)
Q	SL0099	T035-SL0099	0-0.5	8/12/98	Received From EPA	Grid Characterization
Q	SL0099	T035-SL0099	1-1.5	8/12/98	Received From EPA	Supplemental (note 5)
Q	SL0099	T035-SL0099	2-2.5	8/12/98	Received From EPA	Supplemental (note 5)
Q	SL0105	T037-SL0105	0-0.5	8/12/98	Received From EPA	Grid Characterization
Q	SL0105	T037-SL0105	1-1.5	8/12/98	Received From EPA	Supplemental (note 5)
Q	SL0105	T037-SL0105	2-2.5	8/12/98	Received From EPA	Supplemental (note 5)
Q	SL0108	T039-SL0108	0-0.5	8/13/98	Received From EPA	Supplemental (note 5)
Q	SL0108	T039-SL0108	1-1.5	8/13/98	Received From EPA	Supplemental (note 5)
Q	SL0108	T039-SL0108	2-2.5	8/13/98	Received From EPA	Supplemental (note 5)
Q	SL0111	T043-SL0111	0-0.5	8/13/98	Received From EPA	Supplemental (note 5)
Q	SL0111	T043-SL0111	1-1.5	8/13/98	Received From EPA	Supplemental (note 5)
Q	SL0111	T043-SL0111	2-2.5	8/13/98	Received From EPA	Supplemental (note 5)
Q	SL0114	T047-SL0114	0-0.5	8/13/98	Received From EPA	Supplemental (note 5)
Q	SL0114	T047-SL0114	1-1.5	8/13/98	Received From EPA	Supplemental (note 5)

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Data	Sample		Depth	Date		
Source	Location	Sample ID	Interval	Collected	Available Documentation	Proposed Data Usage
Q	SL0114	T047-SL0114	2-2.5	8/13/98	Received From EPA	Supplemental (note 5)
Q	SL0118	T041-SL0118	0-0.5	8/13/98	Received From EPA	Grid Characterization
Q	SL0118	T041-SL0118	1-1.5	8/13/98	Received From EPA	Supplemental (note 5)
Q	SL0118	T041-SL0118	2-2.5	8/13/98	Received From EPA	Supplemental (note 5)
Q	SL0121	T045-SL0121	0-0.5	8/13/98	Received From EPA	Supplemental (note 5)
Q	SL0121	T045-SL0121	1-1.5	8/13/98	Received From EPA	Supplemental (note 5)
Q	SL0121	T045-SL0121	2-2.5	8/13/98	Received From EPA	Supplemental (note 5)
Q	SL0124	T049-SL0124	0-0.5	8/13/98	Received From EPA	Supplemental (note 5)
Q	SL0126	T053-SL0126	0-0.5	8/13/98	Received From EPA	Supplemental (note 5)
Q	SL0126	T053-SL0126	1-1.5	8/13/98	Received From EPA	Supplemental (note 5)
Q	SL0126	T053-SL0126	2-2.5	8/13/98	Received From EPA	Supplemental (note 5)
Q	SL0129	T051-SL0129	0-0.5	8/13/98	Received From EPA	Supplemental (note 5)
Q	SL0129	T051-SL0129	1-1.5	8/13/98	Received From EPA	Supplemental (note 5)
Q	SL0129	T051-SL0129	2-2.5	8/13/98	Received From EPA	Supplemental (note 5)
Q	SL0131	T055-SL0131	0-0.5	8/14/98	Received From EPA	Supplemental (note 5)
Q	SL0131	T055-SL0131	1-1.5	8/14/98	Received From EPA	Supplemental (note 5)
Q	SL0131	T055-SL0131	2-2.5	8/14/98	Received From EPA	Supplemental (note 5)
Q	SL0132	T055-SL0132	0-0.5	8/14/98	Received From EPA	Grid Characterization
Q	SL0132	T055-SL0132	1-1.5	8/14/98	Received From EPA	Supplemental (note 5)
Q	SL0132	T055-SL0132	2-2.5	8/14/98	Received From EPA	Supplemental (note 5)
Q	SL0138	T057-SL0138	0-0.5	8/14/98	Received From EPA	Grid Characterization
Q	SL0138	T057-SL0138	1-1.5	8/14/98	Received From EPA	Supplemental (note 5)
Q	SL0138	T057-SL0138	2-2.5	8/14/98	Received From EPA	Supplemental (note 5)
Q	SL0141	T061-SL0141	0-0.5	8/14/98	Received From EPA	Supplemental (note 5)
Q	SL0141	T061-SL0141	1-1.5	8/14/98	Received From EPA	Supplemental (note 5)
Q	SL0141	T061-SL0141	2-2.5	8/14/98	Received From EPA	Supplemental (note 5)
Q	SL0144	T063-SL0144	0-0.5	8/14/98	Received From EPA	Supplemental (note 5)
Q	SL0144	T063-SL0144	1-1.5	8/14/98	Received From EPA	Supplemental (note 5)
Q	SL0144	T063-SL0144	2-2.5	8/14/98	Received From EPA	Supplemental (note 5)
Q	SL0472	T036-SL0472	0-0.5	9/10/98	Received From EPA	Supplemental (note 5)
Q	SL0472	T036-SL0472	1-1.5	9/10/98	Received From EPA	Supplemental (note 5)
Q	SL0472	T036-SL0472	2-2.5	9/10/98	Received From EPA	Supplemental (note 5)
Q	SL0475	T038-SL0475	0-0.5	9/10/98	Received From EPA	Grid Characterization
Q	SL0475	T038-SL0475	1-1.5	9/10/98	Received From EPA	Supplemental (note 5)
Q	SL0475	T038-SL0475	2-2.5	9/10/98	Received From EPA	Supplemental (note 5)
Q	SL0478	T040-SL0478	0-0.5	9/10/98	Received From EPA	Supplemental (note 5)
Q	SL0478	T040-SL0478	1-1.5	9/10/98	Received From EPA	Supplemental (note 5)
Q	SL0478	T040-SL0478	2-2.5	9/10/98	Received From EPA	Supplemental (note 5)
Q	SL0481	T042-SL0481	0-0.5	9/10/98	Received From EPA	Supplemental (note 5)
Q	SL0481	T042-SL0481	1-1.5	9/10/98	Received From EPA	Supplemental (note 5)
Q	SL0481	T042-SL0481	2-2.5	9/10/98	Received From EPA	Supplemental (note 5)
Q	SL0484	T044-SL0484	0-0.5	9/10/98	Received From EPA	Grid Characterization
Q	SL0484	T044-SL0484	1-1.5	9/10/98	Received From EPA	Supplemental (note 5)
Q	SL0484	T044-SL0484	2-2.5	9/10/98	Received From EPA	Supplemental (note 5)
Q	SL0487	T046-SL0487	0-0.5	9/11/98	Received From EPA	Grid Characterization
Q	SL0487	T046-SL0487	1-1.5	9/11/98	Received From EPA	Supplemental (note 5)
Q	SL0490	T050-SL0490	0-0.5	9/11/98	Received From EPA	Supplemental (note 5)
Q	SL0490	T050-SL0490	1-1.5	9/11/98	Received From EPA	Supplemental (note 5)

PRE-DESIGN INVESTIGATION WORK PLAN FOR NEWELL STREET AREA II REMOVAL ACTION

Data Source	Sample Location	Sample ID	Depth Interval	Date Collected	Available Documentation	Proposed Data Usage
Q	SL0490	T050-SL0490	2-2.5	9/11/98	Received From EPA	Supplemental (note 5)
Q	SL0513	T052-SL0513	0-0.5	9/14/98	Received From EPA	Supplemental (note 5)
Q	SL0513	T052-SL0513	1-1.5	9/14/98	Received From EPA	Supplemental (note 5)
Q	SL0513	T052-SL0513	2-2.5	9/14/98	Received From EPA	Supplemental (note 5)
Q	SL0516	T054-SL0516	0-0.5	9/15/98	Received From EPA	Supplemental (note 5)
Q	SL0516	T054-SL0516	1-1.5	9/15/98	Received From EPA	Supplemental (note 5)
Q	SL0516	T054-SL0516	2-2.5	9/15/98	Received From EPA	Supplemental (note 5)
Q	SL0519	T056-SL0519	0-0.5	9/15/98	Received From EPA	Grid Characterization
Q	SL0519	T056-SL0519	1-1.5	9/15/98	Received From EPA	Supplemental (note 5)
Q	SL0519	T056-SL0519	2-2.5	9/15/98	Received From EPA	Supplemental (note 5)
Q	SL0522	T058-SL0522	0-0.5	9/15/98	Received From EPA	Supplemental (note 5)
Q	SL0522	T058-SL0522	1-1.5	9/15/98	Received From EPA	Supplemental (note 5)
Q	SL0522	T058-SL0522	2-2.5	9/15/98	Received From EPA	Supplemental (note 5)
Q	SL0528	T062-SL0528	0-0.5	9/16/98	Received From EPA	Supplemental (note 5)
Q	SL0528	T062-SL0528	1-1.5	9/16/98	Received From EPA	Supplemental (note 5)
Q	SL0528	T062-SL0528	2-2.5	9/16/98	Received From EPA	Supplemental (note 5)
J	SS-1	SS-1	0-0.5	9/12/95	Certificate of Analysis	Rejected (Method)
J	SS-2	SS-2	0-0.5	9/12/95	Certificate of Analysis	Rejected (Method)
J	SS-3	SS-3	0-0.5	9/25/95	Certificate of Analysis	Rejected (Method)
J	SS-4	SS-4	0-0.5	9/25/95	Certificate of Analysis	Rejected (Method)
J	SS-4	SS-4	0.5-2	9/25/95	Certificate of Analysis	Rejected (Method)
J	SS-5	SS-5	0-0.5	9/12/95	Certificate of Analysis	Rejected (Method)
J	SS-6	SS-6	0-0.5	9/12/95	Certificate of Analysis	Rejected (Method)
J	SS-7	SS-7	0-0.5	9/12/95	Certificate of Analysis	Rejected (Method)
J	SS-7	SS-7	0.5-2	9/12/95	Certificate of Analysis	Rejected (Method)
J	SS-8	SS-8	0-0.5	9/12/95	Certificate of Analysis	Rejected (Method)
J	SS-9	SS-9	0-0.5	9/12/95	Certificate of Analysis	Rejected (Method)
J	SS-10	SS-10	0-0.5	9/12/95	Certificate of Analysis	Rejected (Method)
J	SS-11	SS-11	0-0.5	9/12/95	Certificate of Analysis	Rejected (Method)
J	SS-11	SS-11	0.5-2	9/12/95	Certificate of Analysis	Rejected (Method)
J	SS-11	SS-11	2-4	9/12/95	Certificate of Analysis	Rejected (Method)
J	SS-12	SS-12	0-0.5	9/12/95	Certificate of Analysis	Rejected (Method)
J	SS-12	SS-12	0.5-2	9/12/95	Certificate of Analysis	Rejected (Method)
J	SS-13	SS-13	0-0.5	9/12/95	Certificate of Analysis	Rejected (Method)
J	SS-13	SS-13	0.5-2	9/12/95	Certificate of Analysis	Rejected (Method)
J	SS-14	SS-14	0-0.5	9/12/95	Certificate of Analysis	Rejected (Method)
J	SS-15	SS-15	0-0.5	9/12/95	Certificate of Analysis	Rejected (Method)
J	SS-16	SS-16	0-0.5	9/12/95	Certificate of Analysis	Rejected (Method)
J	SS-17	SS-17	0-0.5	9/13/95	Certificate of Analysis	Rejected (Method)
J	SS-17	SS-17	0.5-2	9/12/95	Certificate of Analysis	Rejected (Method)
J	SS-18	SS-18	0-0.5	9/13/95	Certificate of Analysis	Rejected (Method)
J	SS-19	SS-19	0-0.5	9/13/95	Certificate of Analysis	Rejected (Method)
J	SS-20	SS-20	0-0.5	9/13/95	Certificate of Analysis	Rejected (Method)
J	SS-20	SS-20 (DUP)	0-0.5	9/13/95	Certificate of Analysis	Rejected (Method)
J	SS-20	SS-20	0.5-2	9/13/95	Certificate of Analysis	Rejected (Method)
J	SS-21	SS-21	0-0.5	9/13/95	Certificate of Analysis	Rejected (Method)
J	SS-22	SS-22	0-0.5	9/13/95	Certificate of Analysis	Rejected (Method)
J	SS-22	SS-22	0.5-2	9/13/95	Certificate of Analysis	Rejected (Method)

TABLE 1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR NEWELL STREET AREA II REMOVAL ACTION

EXISTING SOIL PCB DATA AND PROPOSED USAGE

Data	Sample	0 1 15	Depth	Date	1 1 1 7	T 77
Source	Location	Sample ID	Interval	Collected	Available Documentation Pro	Proposed Data Usage
J	SS-22	SS-22	2-4	9/13/95	Certificate of Analysis	Rejected (Method)
J	SS-23	SS-23	0-0.5	9/13/95	Certificate of Analysis	Rejected (Method)
J	SS-23	SS-23	0.5-2	9/13/95	Certificate of Analysis	Rejected (Method)
J	SS-24	SS-24	0-0.5	9/26/95	Certificate of Analysis	Rejected (Method)
J	SS-25	SS-25	0-0.5	9/26/95	Certificate of Analysis	Rejected (Method)
J	SS-25	SS-25	0.5-2	9/26/95	Certificate of Analysis	Rejected (Method)
J	SS-25	SS-25	2-4	9/26/95	Certificate of Analysis	Rejected (Method)
J	SS-26	SS-26	0-0.5	9/26/95	Certificate of Analysis	Rejected (Method)
J	SS-26	SS-26	0.5-2	9/26/95	Certificate of Analysis	Rejected (Method)
J	SS-27	SS-27	0-0.5	9/26/95	Certificate of Analysis	Rejected (Method)
J	SS-28	SS-28	0-0.5	10/2/95	Certificate of Analysis	Rejected (Method)
J	SS-29	SS-29	0-0.5	10/2/95	Certificate of Analysis	Rejected (Method)
J	SS-30	SS-30	0-0.5	10/2/95	Certificate of Analysis	Rejected (Method)
J	SS-31	SS-31	0-0.5	10/2/95	Certificate of Analysis	Rejected (Method)
J	SS-32	SS-32	0-0.5	10/2/95	Certificate of Analysis	Rejected (Method)
J	SS-33	SS-33	0-0.5	10/2/95	Certificate of Analysis	Rejected (Method)
J	SS-34	SS-34	0-0.5	10/2/95	Certificate of Analysis	Rejected (Method)
J	SS-35	SS-35	0-0.5	10/2/95	Certificate of Analysis	Rejected (Method)
J	SS-36	SS-36	0-0.5	10/2/95	Certificate of Analysis	Rejected (Method)
J	SS-37	SS-37	0-0.5	10/2/95	Certificate of Analysis	Rejected (Method)
J	SS-38	SS-38	0-0.5	10/2/95	Certificate of Analysis	Rejected (Method)
J	SS-39	SS-39	0-0.5	10/2/95	Certificate of Analysis	Rejected (Method)
J	SS-40	SS-40	0-0.5	10/2/95	Certificate of Analysis	Rejected (Method)
J	SS-41	SS-41	0-0.5	9/26/95	Certificate of Analysis	Rejected (Method)
J	SS-42	SS-42	0-0.5	9/26/95	Certificate of Analysis	Rejected (Method)
J	WMECO-1	WMECO-1	0-0.5	7/5/95	Certificate of Analysis	Rejected (Method)
J	WMECO-2	WMECO-2	0-0.5	7/5/95	Certificate of Analysis	Rejected (Method)
J	WMECO-3	WMECO-3	0-0.5	7/5/95	Certificate of Analysis	Rejected (Method)

NOTES:

- 1.) This table lists all existing PCB soil samples that Blasland, Bouck, & Lee (BBL) and General Electric (GE) have on record for Newell Street Area II. Included in this list are soil samples that are proposed to be used to satisfy grid-based and supplemental sampling.
- 2.) (S) = EPA-collected split sample.
- 3.) None = No laboratory documentation available; data only exists in data summary table(s) and/or on report figure(s).
- 4.) Supplemental (note 4) = Data will be used for supplemental purposes only, due to no available laboratory documentation.
- 5.) Supplemental (note 5) = Data will be used for supplemental purposes only, due to no grid nodes within the data's vicinity (i.e., within 25 feet for 50-foot grid nodes, or within 50 feet for 100-foot grid nodes) that cannot be characterized by other (e.g., closer) data.
- 6.) Data Source Legend:
 - J = BBL, March 1997 Newell Street Area II data tables.
 - N = October 1999 Appendix E to Consent Decree, Volume III, Annex 2 to SOW for Removal Action Outside the River
 - O = October 1999 Appendix E to Consent Decree, Volume IV, Annex 2 to SOW for Removal Action Outside the River
 - P = GE's Monthly Report for May 2001 (submitted in June 2001) for GE-Pittsfield Housatonic River Site
 - Q = October 1999 Appendix F to Consent Decree: Removal Action Work Plan for Upper 1/2 Mile Reach of Housatonic River, and EPA approval letter dated August 5, 1999
 - R = February 1992 MCP Interim Phase II Report for the Newell Street Site, Volume I
 - S = April 1992 MCP Phase I and Interim Phase II Report for Former Oxbow Areas A, B, C, E, F, J, and K
 - U = BBL Data box NEW-1 (located at BBL office in Syracuse, New York)

PRE-DESIGN INVESTIGATION WORK PLAN FOR NEWELL STREET AREA II REMOVAL ACTION

EXISTING SOIL APPENDIX IX+3 DATA AND PROPOSED USAGE

						Ana	ilyses Per	formed			
Data Source	Sample Location	Sample ID	Depth	Date			PCDDs/		Pest/	Available Documentation	Proposed Data Usage
1		dittionistationis and additional and a second		Collected	VOCs	SVOCs	PCDFs	Inorganics	Herb*		·
S	F-1	F-1	16-18	11/14/91	х	Х	X	X	x	None	Rejected (Depth)
S	F-2	F-2	8-10	11/14/91	х	х	X	X	x	None	Appendix IX Supplemental
R	GE-9	RNG090810	8-10	12/12/91	x	х	X	x	<u> </u>	Complete Laboratory Data Package	PCDD/PCDF Data - Rejected (Method); Other Data - Appendix IX Characterization
R	GE-10	RNG101012	10-12	12/11/91		X	X	χ.		Complete Laboratory Data Package	PCDD/PCDF Data - Rejected (Method); Other Data - Appendix IX Characterization
R	GE-11	RNG110810	8-10	12/12/91			X			Complete Laboratory Data Package	PCDD/PCDF Data - Rejected (Method); Other Data - Appendix IX Characterization
R	GE-11	RNG111012	10-12	12/12/91	x	X	х	X		Certificate of Analysis	Appendix IX Supplemental
J	GE-13	GE-13	0-0.5	6/14/95	X	Х	X	X		None	Appendix IX Supplemental
J	GE-14	GE-14	0-0.5	6/14/95	X	X	X	X		None	Appendix IX Supplemental
	9-7-1-SB-	19-7-1-SB-2	10-12	4/7/98	X	х	х	х		Complete Laboratory Data Package	Appendix IX Characterization
J	J9-23-7-3	J9-23-7-3	0-0.5	11/20/96	x	Х	X	Х	ļ	Complete Laboratory Data Package	Appendix IX Characterization
Z	19-23-7-4	J9-23-7-4	2-4	11/20/96	x	X	X	X	 	Complete Laboratory Data Package	Appendix IX Characterization
Z	N2SC-01 N2SC-01	SS07	10-12	10/29/98	х					Complete Laboratory Data Package	Appendix IX Characterization
N	N2SC-01 N2SC-02	CS1015 SS03	10-15 3-5	10/29/98		Х	X	<u> </u>	!	Complete Laboratory Data Package	Appendix IX Characterization
N N	N2SC-02 N2SC-02	CS0306	3-6	11/5/98 11/3/98	<u> </u>		***************************************		ļ	Complete Laboratory Data Package	Appendix IX Characterization
N N	N2SC-02	CS0306 CS3436	34-36	11/4/98		X	X	X	 	Complete Laboratory Data Package	Appendix IX Characterization
N	N2SC-02	SS20	34-36	11/5/98		X	X	<u> </u>		Complete Laboratory Data Package	Rejected (Depth)
N	N2SC-02	CS1015	10-15	11/2/98	X	x	x		 	Complete Laboratory Data Package Complete Laboratory Data Package	Rejected (Depth)
N	N2SC-03	SS09	14-15	11/2/98	x	X	X	Х	 		Appendix IX Characterization
N	N2SC-04	CS1015	10-15	11/4/98	- <u>^</u> -	x			 	Complete Laboratory Data Package Complete Laboratory Data Package	Appendix IX Characterization
N	N2SC-04	SS09	14-15	11/4/98	x	<u> </u>	X	x	 	Complete Laboratory Data Package Complete Laboratory Data Package	Appendix IX Characterization
N	N2SC-05	CS1015	10-15	11/5/98		×	x		 	Complete Laboratory Data Package	Appendix IX Characterization Appendix IX Characterization
N	N2SC-05	SS08	12-14	11/5/98	x	A	A	X	 	Complete Laboratory Data Package	Appendix IX Characterization Appendix IX Characterization
N	N2SC-06	CS1015	10-15	10/28/98		x	x	x	 	Complete Laboratory Data Package Complete Laboratory Data Package	Appendix IX Characterization Appendix IX Characterization
N	N2SC-06	SS09	14-15	10/28/98	x				 	Complete Laboratory Data Package	Appendix IX Characterization Appendix IX Characterization
N	N2SC-07	CS1015	10-15	11/6/98		x	х	х	 	Complete Laboratory Data Package	Appendix IX Characterization
N	N2SC-07	SS09	14-15	11/6/98	x			······································	 	Complete Laboratory Data Package	Appendix IX Characterization
N	N2SC-07	CS3234	32-34	11/9/98		х	X	x	 	Complete Laboratory Data Package	Rejected (Depth)
N	N2SC-07	SS17	32-34	11/9/98	x				 	Complete Laboratory Data Package	Rejected (Depth)
0	N2SC-08	CS0610	6-10	4/2/99			х	х	 	Complete Laboratory Data Package	Appendix IX Characterization
0	N2SC-08	SS06	8-10	4/2/99	x				†	Complete Laboratory Data Package	Appendix IX Characterization
0	N2SC-08	SS22	38-40	4/2/99	×	х	х	х	†	Complete Laboratory Data Package	Rejected (Depth)
0	N2SC-09	SS09	8-10	4/1/99	x				1	Complete Laboratory Data Package	Appendix IX Characterization
0	N2SC-09	CS1015	10-15	4/1/99	1	x	х	х	1	Complete Laboratory Data Package	Appendix IX Characterization
0	N2SC-09	SS20	36-38	4/1/99	х				<u> </u>	Complete Laboratory Data Package	Rejected (Depth)
0	N2SC-09	CS3640	36-40	4/1/99	1	х	· x	х	†	Complete Laboratory Data Package	
О	N2SC-10	CS1015	10-15	4/14/99		х	х	х	1	Complete Laboratory Data Package	
J	NS-1	NS-I	0-4	8/29/89	х	х			1	Certificate of Analysis	Rejected (Depth)
J	NS-1	NS-1	4-8	8/29/89	х	х			1	Certificate of Analysis	Rejected (Method)
J	NS-1	NS-I	8-12	8/29/89	х	х			T	Certificate of Analysis	Rejected (Method)
R	NS-1A	RNIAB1820	18-20	5/23/91	х	х	х	х	х	Complete Laboratory Data Package	
J	NS-2	NS-2	0-4	8/29/89	х	х				Certificate of Analysis	Rejected (Depth)
J	NS-2	NS-2	4-8	8/29/89	х	х			1	Certificate of Analysis	Rejected (Method)
J	NS-2	NS-2	8-12	8/29/89	х	х				Certificate of Analysis	Rejected (Method)
R	NS-2A	RN2AB1214	12-14	11/12/91	х	х				Complete Laboratory Data Package	Appendix IX Characterization
R	NS-2A	RN2AB1416	14-16	11/12/91	х	х				Complete Laboratory Data Package	
R	NS-2A	RN2AB1618	16-18	11/12/91	х	х				Complete Laboratory Data Package	Rejected (Depth)

PRE-DESIGN INVESTIGATION WORK PLAN FOR NEWELL STREET AREA II REMOVAL ACTION

EXISTING SOIL APPENDIX IX+3 DATA AND PROPOSED USAGE

			T	T T		An	alyses Per	formed		<u> </u>	
Data Source	Sample Location	Sample ID	Depth Interval	Date Collected	VOCs	SVOCs	PCDDs/ PCDFs	Inorganics	Pest/ Herb*	Available Documentation	Proposed Data Usage
R	NS-2A	RN2AB1820	18-20	11/12/91	х	х	х	x	Х	Complete Laboratory Data Package	Rejected (Depth)
J	NS-2A	NS-2A (S)	18-20	11/12/91				***************************************	x	None	Rejected (Depth)
R	NS-2A	RN2AB2022	20-22	11/12/91	x	х				Complete Laboratory Data Package	Rejected (Depth)
R	NS-2A	RN2AB2224	22-24	11/12/91	х	Х				Complete Laboratory Data Package	Rejected (Depth)
J	NS-3	NS-3	0-4	8/29/89	Х	х				Certificate of Analysis	Rejected (Depth)
J	NS-3	NS-3	4-8	8/29/89	X.	Х				Certificate of Analysis	Rejected (Method)
J	NS-3	NS-3	8-12	8/29/89	х	x				Certificate of Analysis	Rejected (Method)
J	NS-4	NS-4	0-4	8/29/89	х	х			l	Certificate of Analysis	Rejected (Nethod) Rejected (Depth)
J	NS-4	NS-4	4-8	8/29/89	х	х		***************************************	<u> </u>	Certificate of Analysis	Rejected (Method)
J	NS-4	NS-4	8-12	8/29/89	х	х				Certificate of Analysis	Rejected (Method)
J	NS-5	RN05B0204	2-4	5/22/91	х	х	X	х	х	Complete Laboratory Data Package	PCDD/PCDF Data - Rejected (Method); Other Data - Appendix IX Characterization
R	NS-6	RN06B0406	4-6	11/12/91	х	x	х	x	x	Complete Laboratory Data Package	PCDD/PCDF Data - Rejected (Method); Other Data - Appendix IX Characterization PCDD/PCDF Data - Rejected (Method); Other Data - Appendix IX Characterization
R	NS-7	RN07B1416	14-16	5/24/91	X		X		X	Complete Laboratory Data Package	
R	NS-8	RN08B1214	12-14	5/21/91	X	х	<u>x</u>	х	X	Complete Laboratory Data Package	PCDD/PCDF Data - Rejected (Method); Other Data - Appendix IX Characterization
R	NS-9	NS-9	12-14	5/28/91	X	x	**			None None	PCDD/PCDF Data - Rejected (Method); Other Data - Appendix IX Characterization
R	NS-9	RN09B1214	12-14	10/25/91		<u> </u>	x	×	x	Complete Laboratory Data Package	Appendix IX Supplemental
R	NS-9	RN09B1416	14-16	10/25/91	X	х	X	x	X	Complete Laboratory Data Package	PCDD/PCDF Data - Rejected (Method); Other Data - Appendix IX Characterization
R	NS-10	RN10B0810	8-10	11/15/91	x	X				Complete Laboratory Data Package	PCDD/PCDF Data - Rejected (Method); Other Data - Appendix IX Characterization
R	NS-10	RN10B1012	10-12	11/15/91	x	x	X	х	X	Complete Laboratory Data Package	Appendix IX Characterization
R	NS-10	NS-10 (DUP)	10-12	11/15/91	X	X	X	X	X	Complete Laboratory Data Package	PCDD/PCDF Data - Rejected (Method); Other Data - Appendix 1X Characterization
J	NS-10	NS-10 (S)	10-12	11/15/91	x	X X	х х	X	X		PCDD/PCDF Data - Rejected (Method); Other Data - Appendix IX Characterization
J		NS-10 (S) (DUP)	10-12	11/15/91	X	X	X	х х		None	Appendix IX Supplemental
R	NS-10	RN10B1214	12-14	11/15/91	X	X	Λ	Α	X	None	Appendix IX Supplemental
R	NS-10	RN10B1416	14-16	11/15/91	^_	X				Complete Laboratory Data Package	Appendix IX Characterization
R	NS-10	RN10B1618	16-18	11/15/91	X					Complete Laboratory Data Package	Appendix IX Characterization
R	NS-10	RN10B1820	18-20	11/15/91	X X	X	···			Complete Laboratory Data Package	Rejected (Depth)
R	NS-11	RN11B0810	8-10	12/10/91	X	X				Complete Laboratory Data Package	Rejected (Depth)
R	NS-11	RN11B1012	10-12	12/10/91	X	X	X	X		Complete Laboratory Data Package	
R	NS-12	RN12B1416	14-16	5/22/91	X	X				Complete Laboratory Data Package	Appendix IX Characterization
R	NS-13	RN13B1416	14-16	5/21/91	X	X X	Х	X	X	Complete Laboratory Data Package	PCDD/PCDF Data - Rejected (Method); Other Data - Appendix IX Characterization
∦ 	NS-13	NS-13 (S)	14-16	5/21/91			Х	X	Х	Complete Laboratory Data Package	PCDD/PCDF Data - Rejected (Method); Other Data - Appendix IX Characterization
R	NS-14	RN14B1214	12-14	5/24/91		X				None	Appendix IX Supplemental
∥−; ⊢	NS-15	NS-15	6-8	6/16/95	X	X	<u> </u>	X	X	Complete Laboratory Data Package	
╟づ┪	NS-16	NS-16	8-10	6/13/95	Х	х .	x	X		None	Appendix IX Supplemental
∥ j 	NS-17	NS-17	2-4		X	х	x	X		None	Appendix IX Supplemental
J	NS-17	NS-17 (S)	2-4	6/14/95 6/14/95	X	X	x	X		None	Appendix IX Supplemental
- ,	NS-18	NS-17 (3) NS-18	6-8	6/14/95	X	x	X	X		None	Appendix IX Supplemental
	NS-19	NS-18 NS-19		***************************************	x	Х	X	х		None	Appendix IX Supplemental
, j	NS-20	NS-19 NS-20	6-8	6/14/95	х	х	х	X		None	Appendix IX Supplemental
j	NS-20 NS-21	NS-20 NS-21	4-6	6/12/95	X	x	X	X		None	Appendix IX Supplemental
<u>, </u>	NS-21 NS-22	NS-21 NS-22	4-6	6/15/95	X	x	X	X		None ·	Appendix IX Supplemental
J	NS-22 NS-23	NS-22 NS-23	6-8	6/15/95	х	X	X	X		None	Appendix IX Supplemental
-			0-0.5	6/22/95	Х	Х	X	X		None	Appendix IX Supplemental
J	NS-24	NS-24	0-0.12	10/6/93	X	X	X	X		Complete Laboratory Data Package	Appendix IX Characterization
	NS-24	NS-24 (S)	0-0.12	10/6/93	X	х	X	хх		None	Appendix IX Supplemental
	NS-24	NS-24	0-2	6/13/95	х	<u> x</u>	X	x		None	Appendix IX Supplemental
<u> </u>	NS-30	N30B3234	32-34	2/5/96	<u>x</u>					Complete Laboratory Data Package	Rejected (Depth)
	NS-31	NS-31	32-34	2/1/96	<u>x</u> 1	1				Complete Laboratory Data Package	Rejected (Depth)

PRE-DESIGN INVESTIGATION WORK PLAN FOR NEWELL STREET AREA II REMOVAL ACTION

EXISTING SOIL APPENDIX IX+3 DATA AND PROPOSED USAGE

						An	alyses Per	formed			
Data Source	Sample Location	Sample ID	Depth Interval	Date Collected	VOCs	SVOCs	PCDDs/ PCDFs	Inorganics	Pest/ Herb*	Available Documentation	Proposed Data Usage
J	NS-32	NS-32	34-36	1/30/96	X.					Complete Laboratory Data Package	Rejected (Depth)
J	NS-33	NS-33	12-14	2/6/96	х					Complete Laboratory Data Package	Appendix IX Characterization
J	NS-34	N34B0810	8-10	11/13/96	х	х	X	x		Complete Laboratory Data Package	Appendix 1X Characterization
J	NS-35	N35B0608	6-8	11/12/96	х	х	X	X		Complete Laboratory Data Package	Appendix IX Characterization
]	NS-36	N36B1012	10-12	11/14/96	х	x	X	х		Complete Laboratory Data Package	Appendix IX Characterization
]	NS-37	N37B1012	10-12	11/15/96	х	х	X	Х		Complete Laboratory Data Package	Appendix IX Characterization
P	RAA13-2	RAA13-2	1-3	5/2/01	х	X	Х	х		Complete Laboratory Data Package	Appendix IX Characterization
P	RAA13-3	RAA13-3	0-1	5/2/01	х	Х	X	х		Complete Laboratory Data Package	Appendix IX Characterization
P	RAA13-3	RAA13-DUP-2	0-1	5/2/01	х	Х	X	, х		Complete Laboratory Data Package	Appendix IX Characterization
P	RAA13-3	RAA13-3	3-6	5/2/01	X.	X	X	х		Complete Laboratory Data Package	Appendix IX Characterization
P	RAA13-3	RAA13-3	4-6	5/2/01	x					Complete Laboratory Data Package	Appendix IX Characterization
R	RB-6	RNRB60002	0-2	5/21/91	х	х	х	х	х	Complete Laboratory Data Package	PCDD/PCDF Data - Rejected (Method); Other Data - Appendix IX Characterization
R	RB-6	RNRB60204	2-4	5/21/91	х	Х	Х	Х	х	Complete Laboratory Data Package	PCDD/PCDF Data - Rejected (Method); Other Data - Appendix IX Characterization
R	RB-7	RNRB70002	0-2	5/21/91	x	х	х	х	x	Complete Laboratory Data Package	PCDD/PCDF Data - Rejected (Method); Other Data - Appendix IX Characterization
R	RB-7	RNRB70204	2-4	5/21/91	х	х	X	х	х	Complete Laboratory Data Package	PCDD/PCDF Data - Rejected (Method); Other Data - Appendix IX Characterization
J	RB-8-3	RB-8-3	0-0.5	6/14/95	x	х	x	х		None	Appendix IX Supplemental
J	RB-9	RB-9	0-0.5	6/14/95	x	x	х	х		None	Appendix IX Supplemental
	RB-11	RB-11	0-0.5	6/15/95	х	х	Х	x		None	Appendix IX Supplemental
Q	SL0105	T037-SL0105	0-0.5	8/12/98	x	х	х	х	х	Received From EPA	Appendix IX Characterization
Q	SL0114	T047-SL0114	1-1.5	8/13/98	X	x	х	х	х	Received From EPA	Appendix IX Characterization
Q	SL0124	T049-SL0124	0-0.5	8/13/98	x	Х	х	x	X	Received From EPA	Appendix IX Characterization
Q	SL0131	T055-SL0131	0-0.5	8/14/98	x	х	х	х	х	Received From EPA	Appendix IX Characterization
Q	SL0475	T038-SL0475	1-1.5	9/10/98	x	х	x	X	x	Received From EPA	Appendix IX Characterization
Q	SL0490	T050-SL0490	0-0.5	9/11/98	x	х	X	x	x	Received From EPA	Appendix IX Characterization
<u>Q</u>	SL0516	T054-SL0516	1-1.5	9/15/98	<u> </u>	L x	X	<u> </u>	X	Received From EPA	Appendix IX Characterization

NOTES:

- 1.) This table list all existing soil samples analyzed for some or all Appendix IX+3 constituents, and corresponding parameter groups, that Blasland, Bouck, & Lee (BBL) and General Electric (GE) have on record for Newell Street Area II.
- 2.) x = analyses were performed for that parameter group. (Areas left blank indicate that no analyses were performed for that parameter group.)
- 3.) (S) = Split sample
- 4.) *= certain samples represented in this column were analyzed for various organochloride pesticide/herbicide analytes, while others were analyzed for various organophosphorus pesticide analytes.
- 5.) None = No laboratory documentation available; data only exists in data summary table(s) and/or on report figure(s).
- 6.) Data Source Legend:
 - J = BBL, March 1997 Newell Street Area II data tables.
 - N = October 1999 Appendix E to Consent Decree, Volume III, Annex 2 to SOW for Removal Action Outside the River
 - O = October 1999 Appendix E to Consent Decree, Volume IV, Annex 2 to SOW for Removal Action Outside the River
 - P = GE's Monthly Report for May 2001 (submitted in June 2001) for GE-Pittsfield Housatonic River Site
 - Q = October 1999 Appendix F to Consent Decree: Removal Action Work Plan for Upper 1/2 Mile Reach of Housatonic River, and EPA approval letter dated August 5, 1999
 - R = February 1992 MCP Interim Phase II Report for the Newell Street Site, Volume I
 - S = April 1992 MCP Phase I and Interim Phase II Report for Former Oxbow Areas A, B, C, E, F, J, and K
 - U = BBL Data box NEW-I (located at BBL office in Syracuse, New York)

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR NEWELL STREET AREA II REMOVAL ACTION

GRID	SAMPLE		T) F	PTH INCREM	ENT	
COORDINATE	TYPE	0-1 FT.	1-3 FT.	3-6 FT.	6-10 FT.	10-15 FT.
			GRID ROW: A			1 2 2 2 2 2 2 2
	EXISTING:	W. W. A.				
A1	PROPOSED:	A1			9.50	
4.5	EXISTING:	SLO475				<u></u> -
A2	PROPOSED:	AC MA Sec		2 0.3 200	1 - 7 - 12 <u></u> 12 - 1	10 mail 10 miles
A3	EXISTING:	SLO105	11 9 99 4			10 mg 10 mg
A3	PROPOSED:					(
A83	EXISTING:	***		<u></u>		7. 1 2 2-1 7
A63	PROPOSED:	A83				
A84	EXISTING:	age, transact	,,			 -
7,04	PROPOSED:	A84				
A85	EXISTING:	ste, species				
	PROPOSED:	A85		P 2 2 2		
A86	EXISTING:					
	PROPOSED:	A86				
A87	EXISTING:	4.07				
	PROPOSED:	A87				
A88	EXISTING:	NS-35			18 18 18 18 18 18 18 18 18 18 18 18 18 1	10 P
	PROPOSED:		, , , -			
A89	EXISTING:	A89	/	 	4 (1) 1	
	PROPOSED:		i)			
A90	EXISTING: PROPOSED:	A90	 			
	EXISTING:			7		
A91	PROPOSED:	A91				
	EXISTING:	NS-1A			,	
A92	PROPOSED:	140-171	19			
	EXISTING:	***		4.00	3 A	<u>. </u>
A93	PROPOSED:	A93	10 10 444 C			
104	EXISTING:					5 (1) (1) <u></u>
A94	PROPOSED:	A94			77 77's	1 H
A95	EXISTING:	NS-7	- 12 - 1-1			
ADJ	PROPOSED:	27 A.M.	•	27		
A96	EXISTING:	ngilo ngilo. Alpa				10 m <u>—</u>
1	PROPOSED:	A96	12 - 12 1482 s	100,0000		<u> 21</u> .,
A97	EXISTING:	****		27 (1 4) 1 - 2		
	PROPOSED:	A97		1.0		:
A98	EXISTING:	1.00	/ / 	April 1995		- 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1
	PROPOSED:	A98		20132-01	1	25 2 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
A99	EXISTING:	4.00		B-40.7	* 1. (a) ***	1914 (191 <mark>4) (19</mark> 14)
	PROPOSED:	A99	TRID DOW, B			
	EVICTOR		GRID ROW: B			
B1	EXISTING:	D 1	f 		7 (12 <u>1</u> -111)	40 T == 1
	PROPOSED:	B1	; <u></u> -	6 = - 1213 j.		+441 <u>-35</u> 42 343
B2	EXISTING: PROPOSED:	B-2	B2	B2	B2	B2
	FROPUSED:	D-4	1 D2	D2	D2	D4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR NEWELL STREET AREA II REMOVAL ACTION

GRID	SAMPLE		DE	PTH INCREM	ENT	
COORDINATE	TYPE	0-1 FT.	1-3 FT.	3-6 FT.	6-10 FT.	10-15 FT.
В3	EXISTING:	30 en en		<u> </u>	AND THE STATE OF T	
	PROPOSED:	B3				
B4	EXISTING:	NS-37	NS-37	NS-37	NS-37	NS-37
D++	PROPOSED:		No. wa			20.47
De	EXISTING:	SLO099				
B5	PROPOSED:			7.1 <u>-1-</u>		
n 70	EXISTING:	I9-7-1-1	I9-7-1-SB-1	I9-7-1-SB-1	I9-7-1-SB-1	I9-7-1-SB-1
B78	PROPOSED:					
70.4	EXISTING:	***	7-7-2-1		*	
B84	PROPOSED:	B84				
mar	EXISTING:	J9-23-3-SB-1	J9-23-3-SB-1	J9-23-3-SB-1	J9-23-3-SB-1	***
B85	PROPOSED:		***			RAA13-1
70.0	EXISTING:					
B86	PROPOSED:	B86			2	200 31
	EXISTING:					
B87	PROPOSED:	B87	B87	B87	B87	B87
7.00	EXISTING:		44.5	3		
B88	PROPOSED:	B88	000 0 = 3 3 1 C		14 <u>1</u> 777	770 A
	EXISTING:	J9-23-8-SB-3	J9-23-8-SB-3	J9-23-8-SB-3	J9-23-8-SB-3	J9-23-8-SB-3
B89	PROPOSED:	***				
	EXISTING:					
B90	PROPOSED:	B90	<u> </u>			
	EXISTING:	N2SC-02	N2SC-02	N2SC-02	N2SC-02	N2SC-02
B91	PROPOSED:	***				
	EXISTING:				-	
B92	PROPOSED:	B92		(See s.)		3.00 S
	EXISTING:	NS-5	NS-5	NS-5	NS-5	NS-5
B93	PROPOSED:				***	
	EXISTING:	NS-34		-		
B94	PROPOSED:	***			19 10 1 10 1 5 15 16 16	24 Car
	EXISTING:					w
B95	PROPOSED:	B95	B95	B95	B95	B95
	EXISTING:					
B96	PROPOSED:	B96	يد ورونده د	1.5	and the	1000
	EXISTING:	GE-11	GE-11	GE-11	GE-11	
B97	PROPOSED:				***	B97
	EXISTING:	~~~		₽ ,		7 12
B98	PROPOSED:	B98			444	200 - 201 -
	EXISTING:	GE-10	GE-10	GE-10	GE-10	40×40×30
B99	PROPOSED:					B99
			RID ROW: C			
	EXISTING:					
C1	PROPOSED:	C1	J. J. 41 (225) (514)	4.00	10.122	
	EXISTING:		"	44 (4 <u>4 - 1</u> 4 - 14 - 14 - 14 - 14 - 14 - 14 -		
C2	PROPOSED:		<u></u> 22		1 2 44 7	. 14
<u> </u>		~				Merchanic Constitution of the Constitution of

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR NEWELL STREET AREA II REMOVAL ACTION

GRID	SAMPLE		DE	PTH INCREM	ENT	
COORDINATE	TYPE	0-1 FT.	1-3 FT.	3-6 FT.	6-10 FT.	10-15 FT.
	EXISTING:			17 7-22 75	1	
C3	PROPOSED:	C3	S - 1 C-1	7.77.544	10 S. F. (22.2)	
	EXISTING:	~				
C4	PROPOSED:	C4	16.			
	EXISTING:		10 10 marin (10 m)			
C5	PROPOSED:	C5	J. 1. 1	2.272-22176940	2-2-5	- 100 man - 100 m
C00.5	EXISTING:		77.24.27 75.87		14.714 7.412	5 (2 -
C85	PROPOSED:	C85	-mar			
COL	EXISTING:	plan Ada da				**************************************
C86	PROPOSED:	C86				E 1752
C87	EXISTING:	RAA13-2				77 -22 T.
C67	PROPOSED:	No. of the last	· · · · · · · · · · · · · · · · · · ·	, , <u></u>		
C88	EXISTING:		- 12 15 S	1		
C00	PROPOSED:	C88				75
C89	EXISTING:					
C09	PROPOSED:	C89	::1:-			10 (10 mm)
C90	EXISTING:	N2SC-03		. 1937 : 		
C90	PROPOSED:	State State State	11155 - 2 -475			
C91	EXISTING:	ANY ANY WAS	Sec.			1988
Cyr	PROPOSED:	C91				
C92	EXISTING:		114	17.7% — 17.5% s		2 - 10 1
U)2	PROPOSED:	C92			4.4	114 14 24 24 14 14 14 14 14 14 14 14 14 14 14 14 14
C93	EXISTING:		7.74 <u></u> 76.7		- 333	150 September 200
0,3	PROPOSED:	C93		4 4 4 4 5 A		
C94	EXISTING:		. 1970 in <u></u> 2		1977 : 1972	
ŬŹ .	PROPOSED:	C94		argan <u>aa</u> skatii	1 N	* ****
C95	EXISTING:					
7.7	PROPOSED:	C95				5 2 1 1 -
C96	EXISTING:				1000-1-14	
	PROPOSED:	C96	2-4-31 1646-3-	10,1194	10 (F) (4-4-120) F) (
C97	EXISTING:					
	PROPOSED:	C97	10 1 - 1 11 - 11 - 1	-		
C98	EXISTING:					——————————————————————————————————————
	PROPOSED:	C98				
C99	EXISTING:	C99			30 1332 33 1337	
	PROPOSED:		RID ROW: D			
	EVICTING.	N2SC-10	KID KOW: D			
D86	EXISTING:	N2SC-10				
	PROPOSED:	J9-23-6-SB-1	J9-23-6-SB-1	J9-23-6-SB-1	J9-23-6-SB-1	
D87	EXISTING: PROPOSED:	J9-23-0-3D-1	13-23-0-3D-1	77-23-V-3D-1	,,,-2,-0-3D-1	D87
	EXISTING:					
D88	PROPOSED:	D88	1777 - 1 127 127 138 1		Court Court	7 (1.50) <u></u>
	EXISTING:	RAA13-3	RAA13-3	RAA13-3	RAA13-3	RAA13-3
D89	PROPOSED:	KAA13-3		KAA13-3	KAA13-3	
	rkurused:			<u> </u>		L

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR NEWELL STREET AREA II REMOVAL ACTION

GRID	SAMPLE		DE.	PTH INCREM	ENT	
COORDINATE	TYPE	0-1 FT.	1-3 FT.	3-6 FT.	6-10 FT.	10-15 FT.
D90	EXISTING:		. (c. 1) -1- (1) (c. 1)		7/4 # # S.	
D/V	PROPOSED:	D90	, - 1 - -	10.10.2230.19		4-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1
D91	EXISTING:			***		~
1071	PROPOSED:	D91	D91	D91	D91	D91
D92	EXISTING:	per op- op-	;			
1072	PROPOSED:	D92		12.5	10 to 10 444	* 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
D93	EXISTING:	NS-8	NS-8	NS-8	NS-8	NS-8
D73	PROPOSED:	*				
D94	EXISTING:	NS-13				11/1/2014
1094	PROPOSED:			1-1	- 10 - 1 1 10	12 (a) (a) 1444 (a) (a) (a)
D95	EXISTING:	NS-12	NS-12	NS-12	NS-12	NS-12
D95	PROPOSED:		App who and			
D96	EXISTING:	NS-11		10 - 10 1 A - A - A - A - A - A - A - A - A - A	5 - 5 - 1 - 1 - 1 - 1 - 1	20 1/20 1 1-50 1
1790	PROPOSED:	***		14 (A-1)		
D97	EXISTING:	GE-9	GE-9	GE-9	GE-9	
1097	PROPOSED:	der een zu-	***	***	***	D97
D98	EXISTING:	*****	1.5		314 215-215 poly	
1790	PROPOSED:	D98		2014	and	
D99	EXISTING:	***	194 4 0 1 94	- m. Set-selle	was selected	
D99	PROPOSED:	D99	D99	D99	D99	D99
		C	GRID ROW: E			
E87	EXISTING:	thic mirror		10004		
E8/	PROPOSED:	E87	3 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	7.77.44	1000 1000	- 1945 1948 -
E88	EXISTING:	*****		20 (C) (C) (C)	 -	
Ess	PROPOSED:	E88				
E89	EXISTING:	400 (400 500	18 14 14 14 18 18 18 18 18 18 18 18 18 18 18 18 18	12-12	L 1559	<u></u>
E09	PROPOSED:	E89				
E 9 0	EXISTING:	N2SC-09		2477 <u>-</u> 273	1. (*) . - (*) (*)	
E90	PROPOSED:					15 11 4
E91	EXISTING:	Jan est per			443 P 147 P. A.	7
E91	PROPOSED:	E 91	(1) — (1)			
E92	EXISTING:	w.w.	14 - 14 - 14 - 14 - 14 - 14 - 14 - 14 -	<u>-</u>		15 ft.
E92	PROPOSED:	E92		4,244		Ĺ
E93	EXISTING:	N2SC-08	7, 11 11, 11	V-114 <u></u> -1141	1945 17 *** - [1847]	ици (1 4.1)
E33	PROPOSED:	***		4-79	Ļ	
E94	EXISTING:	mage have have	7			1915 (<u>11.</u> 157)
£94	PROPOSED:	E94			Ļ	
E95	EXISTING:	NS-10	2 <u>- 1</u>	<u>-</u>	4-1	1 2
233	PROPOSED:	MAN MAY VAN		1 1	11 12 12 13 13 13 13 13 13 13 13 13 13 13 13 13	
E96	EXISTING:	161-C3			- E	1.00 (4) 1.4 (3) (4)
1570	PROPOSED:	P	a laste +		10 mg =4-37 Mg	7 (1 - 1)
E97	EXISTING:	161-C4	14151		100	1.4
E3/	PROPOSED:				$A_{i}(T_{i},T_{i}) = A_{i}(T_{i},T_{i})$	1, 1, - 1, 1
EUG	EXISTING:	NS-163-C7		or rec lis ed in	01:50 1:51	N
E98	PROPOSED:	**************************************		8 75 <u>42</u> 18	-172 (1 17)	7 - 3 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1

TABLE 3

PRE-DESIGN INVESTIGATION WORK PLAN FOR NEWELL STREET AREA II REMOVAL ACTION

GRID	SAMPLE		DEI	PTH INCREM	ENT	
COORDINATE	TYPE	0-1 FT.	1-3 FT.	3-6 FT.	6-10 FT.	10-15 FT.
COORDINATE	EXISTING:	163-C3				
E99	PROPOSED:	100-00				
	TROTOBLD.		RID ROW: F		South 1.3 Agriculture Service &	
	EXISTING:		4	No de sir		was as
F87	PROPOSED:	F87	F87	F87	F87	F87
	EXISTING:			122	7 // 1-2 1/2 4	
F88	PROPOSED:	F88	10 - 2 - 2 (may and)		resident lines in the	
	EXISTING:			****	was	
F89	PROPOSED:	F89	F89	F89	F89	F89
	EXISTING:			24 22	10 10 pg 1 10 ft 1	
F90	PROPOSED:	F90		1 10022	Station -	
	EXISTING:	w-m a-				
F91	PROPOSED:	F91	F91	F91	F91	F91
700	EXISTING:		1. 1. 1 a. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.			***
F92	PROPOSED:	F92		4	100 pt > 200	n
700	EXISTING:	***	***	w # ^		
F93	PROPOSED:	F93	F93	F93	F93	F93
70.4	EXISTING:			2 20 44 PM		
F94	PROPOSED:	F94	100	200		·
TOE	EXISTING:			***		
F95	PROPOSED:	F95	F95	F95	F95	F95
706	EXISTING:		WE 117	130 130 1 - 3	25.200	
F96	PROPOSED:	F96	- 			
		C	RID ROW: G			
G88	EXISTING:			717	7-1-10-10 Page 1	
000	PROPOSED:	G88	1995 -2 1833	1442		
G89	EXISTING:	40 %		57, E447.77	5.791742	22.5 - 1 7.5 -
009	PROPOSED:	G89	4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 -	10 (444)	75 (544)	6777. J1-337
G90	EXISTING:		111111111111111111111111111111111111111	7 71-1	1,409 -2,5	
070	PROPOSED:	G90	Activity Les Abdes	the state of the state of		
G91	EXISTING:	an res	- 	31 <u>1000 1100</u>	10 10 10 10 10 10 10 10 10 10 10 10 10 1	
071	PROPOSED:	G91	1/11 : <u>=</u> 1/1/1	2.24-77.8	- W	
G92	EXISTING:					
0,2	PROPOSED:	G92			10 10 H 18 17 19 1	35
G93	EXISTING:		194.094	*/	2009/04/2004	
3,2	PROPOSED:	G93	- - -	444		() (-) ()
G94	EXISTING:		5, c. +	2 347-4975		****
	PROPOSED:	G94			77 (194 <u>3-4</u>	
			GRID ROW: H			
H89	EXISTING:	7700	7700	1100		1100
	PROPOSED:	H89	H89	H89	H89	H89
H90	EXISTING:	1100		244	* سنست	
	PROPOSED:	H90	10.22.7.2	35-4-57		
H91	EXISTING:	J9-23-7-3	J9-23-7-3	H91	H91	H91
	PROPOSED:			1191	1131	עאו

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR NEWELL STREET AREA II REMOVAL ACTION

GRID	SAMPLE		DE	PTH INCREM	ENT	
COORDINATE	TYPE	0-1 FT.	1-3 FT.	3-6 FT.	6-10 FT.	10-15 FT.
H92	EXISTING:					
1192	PROPOSED:	H92				**************************************
H93	EXISTING:		en quien	Manufacture and	yar-en, ne	
1193	PROPOSED:	H93	H93	H93	H93	H93
H94	EXISTING:					
1194	PROPOSED:	H94				
		(GRID ROW: I			
19 0	EXISTING:	90c.00 -00			*	
190	PROPOSED:	1 90				
I91	EXISTING:	J9-23-7-4				
191	PROPOSED:	Mr No-Art				
I92	EXISTING:	***				
192	PROPOSED:	I92				
102	EXISTING:			1.0	3 16 na-	
I93	PROPOSED:	I93	4-27		34.2763 330.7	
I94	EXISTING:	ے عبر عبر		atheres		
194	PROPOSED:	I94				
		G	RID ROW: J			
702	EXISTING:	*****	sente di 🛶 de 1911			
J92	PROPOSED:	J92	12 January 12 18 18 18			-22 (Salar)
		·	RID ROW: Z			
	EXISTING:	SLO138				
Z83	PROPOSED:	***	Z83	Z83	Z83	Z83
	EXISTING:	SLO519		·		
Z84	PROPOSED:		10 5 febr. (15 febr.)	467616 <u></u>	94.5 S	
	EXISTING:	SLO132			***	
Z85	PROPOSED:	**-	Z85	Z85	Z85	Z85
70.	EXISTING:	~~~				
Z86	PROPOSED:	Z86	-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1			150 may 12 150 m
7707	EXISTING:	J9-23-8-SB-1	J9-23-8-SB-1	J9-23-8-SB-1	J9-23-8-SB-1	
Z87	PROPOSED:	445-445-445				Z87
700	EXISTING:	N2SC-04		- <u></u> -		
Z88	PROPOSED:		- 14 (2) <u>- 14 (</u> 3) (3)	-		3, 41, 4, 3
700	EXISTING:	N2SC-05	N2SC-05	N2SC-05	N2SC-05	N2SC-05
Z89	PROPOSED:	***			Western	***
700	EXISTING:	***				
Z90 -	PROPOSED:	Z90		· · · · · · · · · · · · · · · · · · ·	1 () () () () ()	
	EXISTING:	N2SC-07	N2SC-07	N2SC-07	N2SC-07	N2SC-07
Z91	PROPOSED:					
	EXISTING:					Fo. 1975 - 1975
Z92	PROPOSED:	Z92		. f 		28 Te 1212-18 (1)
	EXISTING:	N2SC-06	N2SC-06	N2SC-06	N2SC-06	N2SC-06
		***************************************	* **** ****	* **** **	4144474744	1,200,00
Z93	PROPOSED.	***			****	l
Z93 Z94	PROPOSED: EXISTING:	 SLO487	 -	May 1944 1946		

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR NEWELL STREET AREA II REMOVAL ACTION

SUMMARY OF PROPOSED GRID CHARACTERIZATION OF PCBs

GRID	SAMPLE	DEPTH INCREMENT							
COORDINATE	TYPE	0-1 FT.	1-3 FT.	3-6 FT.	6-10 FT.	10-15 FT.			
Z9 5	EXISTING:	NS-9	NS-9	NS-9	NS-9	NS-9			
2.93	PROPOSED:				***	W 40 W			
Z96	EXISTING:	SLO484		14 14 14 14 14 14 14 14 14 14 14 14 14 14 14					
2.90	PROPOSED:	T~~		4 m					
Z97	EXISTING:	NS-36	NS-36	NS-36	NS-36	NS-36			
2.97	PROPOSED:	****			44-111-11	***			
Z98	EXISTING:	SLO118	·	in the second					
2.30	PROPOSED:	-34 VIII No.	1 10 5						

NOTES:

- 1.) This table defines the soil sampling locations which will be utilized to satisfy grid-based sampling requirements for PCBs for the Newell Street Area II pre-design investigation.
- 2.) Other existing soil data will not be utilized in support of the pre-design sampling requirements, but may be used in the design of the Removal Action (as discussed in the text).
- 3.) Shaded depth increments indicate that soil sampling is not required.
- 4.) Existing samples are assumed to represent a grid node if they are located less than 50 feet from 100-foot grid nodes or less than 25 feet from 50-foot grid nodes.
- 5.) Existing sample depths are assumed to satisfy the depth interval requirements (i.e., either 0-1, 1-3, 3-6, 6-10, or 10-15 feet) if the existing depth(s) constitute at least 50% of the depth requirement. For example, existing data for 10-12 foot and 12-14 foot depths will satisfy the 10-15 foot requirement at a node, but existing data for the 10-12 foot depth alone will not.
- 6.) This table does not include all existing soil PCB samples collected at Newell Street Area II. Refer to Table 1 for a complete list of all existing soil PCB samples.

TABLE 4

PRE-DESIGN INVESTIGATION WORK PLAN FOR NEWELL STREET AREA II REMOVAL ACTION

PROPOSED SOIL SAMPLING LOCATIONS, DEPTHS, AND PARAMETERS

(1 1 1 1 1 1	Sample		Ana	lyses To Be	Performed	
Sample ID	Depth	PCBs	VOCs	SVOCs	Inorganics	PCDDs/PCDFs
A1	0-1	X				
A83	0-1	X				
A84	0-1	X	7			
A85	0-1	X				
A86	0-1	X				
A87	0-1	Χ	X	X	X	X
A89	0-1	X	X	X	X	X
A90	0-1	X				
A91	0-1	Х				
A91	1-3					X
A93	0-1	X				
A94	0-1	X	X	X	X	X
A96	0-1	X				
A96	1-3					Х
A97	0-1	X	X	X	X	X
A98	0-1	X				
A99	0-1	X	X	X	X	X
B1	0-1	X	X	X	X	X
B2	0-1	X		1.		
B2	1-3	X				
B2	3-6	X	X	Х	X	Х
B2	6-10	X	3.	^`	1 1	71
B2	10-15	X				
B3	0-1	X				X
B78	3-6		X	X	X	X
B84	0-1	X	X	X	X	X
RAA13-1*	0-1	X	<u> </u>			
RAA13-1*	1-3	X				
RAA13-1*	3-6	X				
RAA13-1*	6-10	X				
RAA13-1*	10-15	X			1	x
RAA13-1*	10-13 Till*	X			1	^
B86	0-1	X				
}						
B87	0-1 1 - 3	X X	***************************************			
B87		X	-			
B87	3-6	X X				X
B87	6-10	i	eli-cere e e e e e e e e e e e e e e e e e e			^
B87	10-15	X X				
B88	0-1		- v	X	 	v
B90	0-1	X	X		X	X X
B92	0-1	X	X	X	<u>~</u>	A
B95	0-1	X	- Anna Control of the		-	
B95	1-3	X				
B95	3-6	X				
B95	6-10	X			***************************************	
B95	10-15	X				

TABLE 4

PRE-DESIGN INVESTIGATION WORK PLAN FOR NEWELL STREET AREA II REMOVAL ACTION

PROPOSED SOIL SAMPLING LOCATIONS, DEPTHS, AND PARAMETERS

	Sample		Ana	ilyses To Be	Performed	
Sample ID	Depth	PCBs	VOCs	SVOCs	Inorganics	PCDDs/PCDFs
B96	0-1	Х	X	X	X	X
B97	10-15	Х			X	Х
B98	0-1	X				
B99	10-15	X				X
C1	0-1	X				
C2	0-1	Х	X	X	X	X
C3	0-1	Х	Х	X	X	X
C4	0-1	X				
C5	0-1	X				
C5	1-3					X
C85	0-1	X				
C86	0-1	Х	Х	Х	X	X
C88	0-1	X	X	Х	X	X
C89	0-1	X				
C89	1-3					X
C91	0-1	X	X	X	X	X
C92	0-1	X				X
C93	0-1	X				
C93	1-3					X
C94	0-1	X	X	X	X	X
C95	0-1	X				
C96	0-1	X	X	X	X	X
C97	0-1	X				
C98	0-1	X	X	X	X	X
C99	0-1	X				
D87	10-15	X			X	X
D88	0-1	X				
D90	0-1	X	X	X	X	X
D91	0-1	Х				
D91	1-3	X	V-1	na-		
D91	3-6	X		And Continues of the Co		
D91	6-10	X	X	X	X	X
D91	10-15	X				
D92	0-1	X				
D97	10-15	Х				X
D98	0-1	X	X	X	X	X
D99	0-1	X				
D99	1-3	X				
D99	3-6	X				
D99	6-10	X				
D99	10-15	X			X	X
E87	0-1	Х	X	X	X	X
E88	0-1	Х				
E89	0-1	Х	X	X	X	X
E91	0-1	X				
E92	0-1	Х	X	X	X	X

TABLE 4

PRE-DESIGN INVESTIGATION WORK PLAN FOR NEWELL STREET AREA II REMOVAL ACTION

PROPOSED SOIL SAMPLING LOCATIONS, DEPTHS, AND PARAMETERS

	Sample		Ana	lyses To Be	Performed	
Sample ID	Depth	PCBs	VOCs	SVOCs	Inorganics	PCDDs/PCDFs
E94	0-1	X	X	Х	X	X
F87	0-1	X				
F87	1-3	X	Vicinity and a second			
F87	3-6	X		ф		
F87	6-10	X				X
F87	10-15	X				
F88	0-1	X				
F89	0-1	X				
F89	1-3	X		X	X	X
F89	3-6	X				
F89	6-10	X				
F89	10-15	X				
F90	0-1	X				
F91	0-1	X				
F91	1-3	X				
F91	3-6	X				X
F91	6-10	X				
F91	10-15	X X				
F92	0-1	X				
F93	0-1	X				
F93	1-3	X				
F93	3-6	X				
F93	6-10	X			X	X
F93	10-15	X				
F94	0-1	Х				
F95	0-1	X				
F95	1-3	X				X
F95	3-6	X				
F95	6-10	X				
F95	10-15	X				
F96	0-1	X	X	X	X	X
G88	0-1	X	X	X	X	X
G89	0-1	X				
G90	0-1	X	X	X	Χ	X
G91	0-1	X				
G92	0-1	X	X	X	X	X
G93	0-1	X				
G94	0-1	X	X	X	X	X
H89	0-1	X				
H89	1-3	X	and the second			
H89	3-6	X				
H89	6-10	X				X
H89	10-15	X				
H90	0-1	X				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR NEWELL STREET AREA II REMOVAL ACTION

PROPOSED SOIL SAMPLING LOCATIONS, DEPTHS, AND PARAMETERS

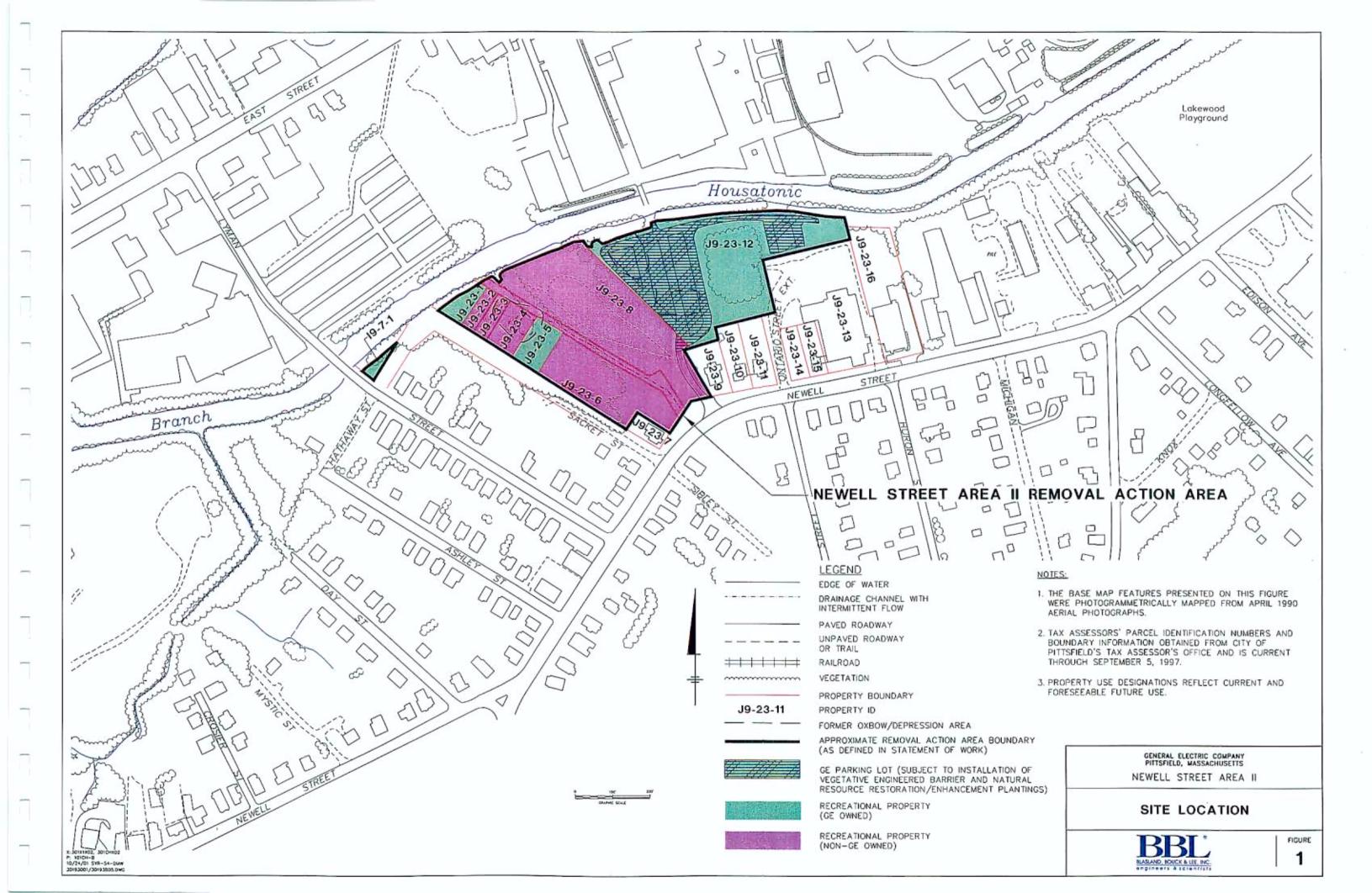
6 1 15	Sample		Ana	lyses To Be	Performed	
Sample ID	Depth	PCBs	VOCs	SVOCs	Inorganics	PCDDs/PCDFs
H91	3-6	X				X
H91	6-10	X				a parameter and a second a second and a second a second and a second a second and a second and a second and a
H91	10-15	X				
H92	0-1	X				
H93	0-1	X				
H93	1-3	X				
H93	3-6	X				
H93	6-10	X			-	
H93	10-15	X				
H94	0-1	X				
I90	0-1	X	X	X	X	X
I92	0-1	X				
I93	0-1	X	X	X	X	X
194	0-1	X				
J92	0-1	X	X	X	X	X
Z83	1-3	X				
Z83	3-6	X				
Z83	6-10	X				
Z83	10-15	X				
Z85	1-3	X				
Z85	3-6	X		i		X
Z85	6-10	X				
Z85	10-15	X				
Z86	0-1	X	X	X	X	X
Z 87	10-15	X		X	X	X
Z90	0-1	X	X	Χ	X	X
Z92	0-1	X	X	X	X	X

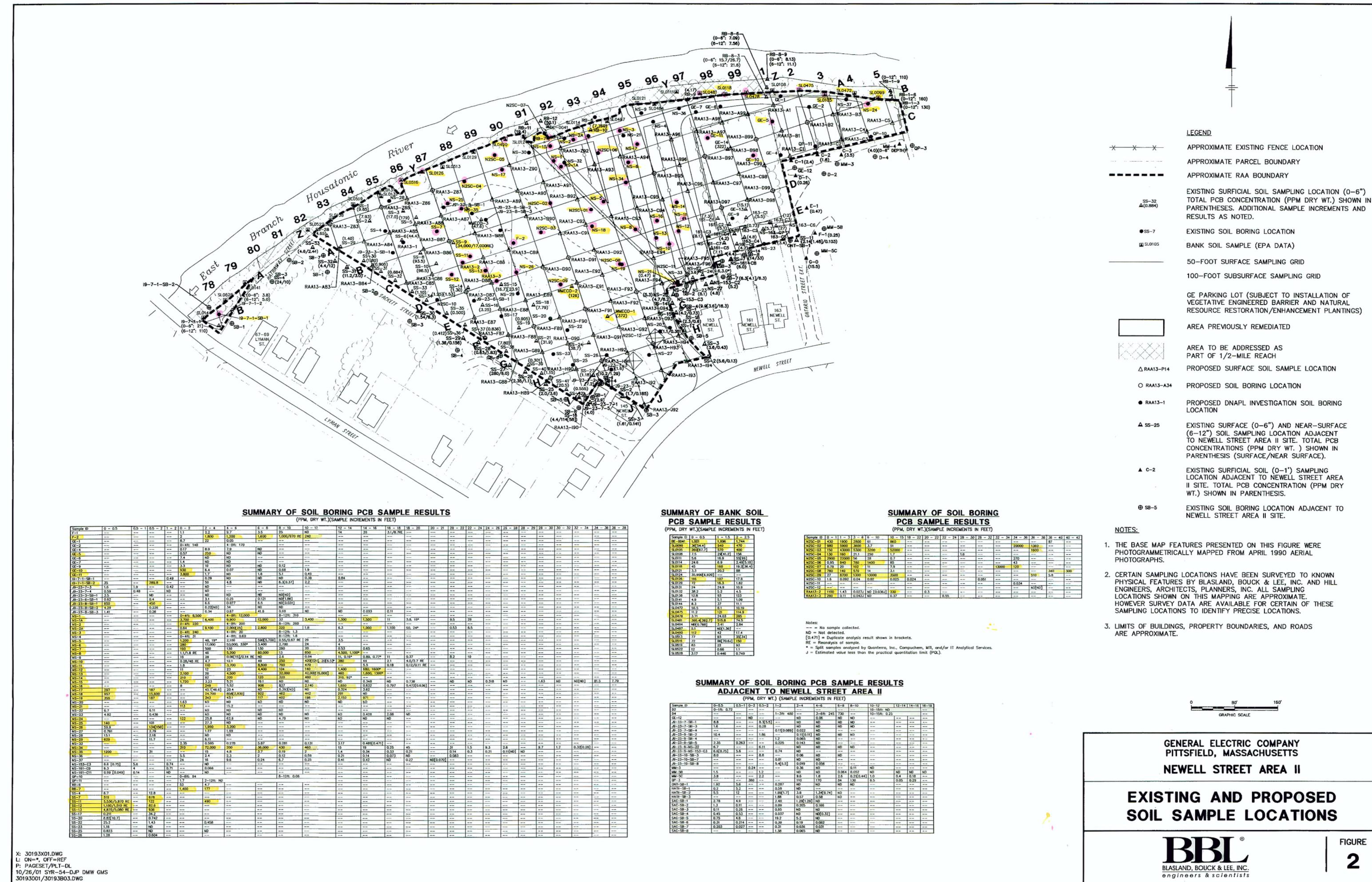
NOTES:

- 1.) This table identifies soil samples to be collected and the analyses to be performed as part of the pre-design investigation at Newell Street Area II.
- 2.) The Appendix IX+3 sample intervals shown above may be modified in the field based on the results of photoionization detector (PID) readings and visual observations at the time of sample collection.
- 3.) *= Sample RAA13-1 (near grid node B85) was previously proposed as part of a separate investigation but was not collected due to access difficulties. This location is proposed to be sampled during this soil sampling event; results from the 10- to 15-foot depth interval will be used to characterize grid node B85 and results from the remaining depth intervals will be used as supplemental data. Note that the deepest sample at this location will be collected at the till interface.

Figures







05-0092 SDMS 268553

FIGURE

Appendices



Appendix A

Applicable Performance Standards



Appendix A – Applicable Performance Standards

The Performance Standards for the Removal Actions at the Former Oxbow Areas are set forth in Paragraph 26 of the Consent Decree (CD) and Section 2.3.2 of the Statement of Work for Removal Actions Outside the River (SOW) (Appendix E to the CD). The soil-related Performance Standards applicable to the Newell Street Area II Removal Action are described below.

Grants of Environmental Restrictions and Easements

- 1. For all properties owned by GE within Newell Street Area II, GE shall execute and record Grants of Environmental Restrictions and Easements (EREs) in accordance with Section XIII of the CD.
- 2. For properties not owned by GE within Newell Street Area II, GE shall use best efforts (as defined in the CD) to obtain EREs in accordance with Section XIII of the CD (and subject to the provisions of Paragraph 61 of the CD). If an ERE cannot be obtained for a non-GE-owned property, GE shall implement a Conditional Solution at such property, which shall achieve the Performance Standards for Conditional Solutions set forth in Paragraph 34 of the CD.

Response Actions for PCBs in Soil

- 3. Except as otherwise specified below, the extent of response actions to address PCBs in soils at Newell Street Area II shall be determined based on the spatial averaging of PCB concentrations in certain averaging areas, using the spatial averaging procedures described in Attachment E to the SOW (Protocols for PCB Spatial Averaging). To determine the averaging areas for the top foot of soil at Newell Street Area II, GE shall use one of the following options at each individual parcel as defined on City tax maps:
 - a) GE may consider the entire property as an averaging area provided that, in addition to achieving the spatial average PCB Performance Standards described below, GE ensures that no soils in the top foot in unpaved portions of the property contain PCB concentrations in excess of the Not to Exceed (NTE) level of 50 ppm for a recreational property; or
 - b) GE may establish averaging areas at the property which do not exceed 0.5 acre; or
 - c) GE may propose other specific averaging area(s) for the property to EPA for approval.

The particular option(s) selected by GE for averaging areas in the top foot at such properties shall be presented in the Conceptual RD/RA Work Plan for the Newell Street Area II Removal Action. For averaging that includes soils deeper than one foot, the averaging areas for the properties in Newell Street Area II shall correspond to the boundaries of each separately owned property, and spatial averages shall be calculated for the depth increments identified in Attachment E to the SOW.

4. For the portion of Newell Street Area II that consists of an existing parking lot owned by GE (including both paved and unpaved properties), GE shall remove the top one foot (total) of the existing pavement and underlying soil material, and replace such removed pavement/soil with a 1-foot vegetative engineered barrier in accordance with the specifications for such barriers in Attachment G to the SOW (Technical Requirements for Capping, Engineered Barriers, and Other Surface Covers), except as follows: (i) In lieu of removal of the top foot of pavement/soil, GE may propose to EPA the installation of a 1-foot vegetative

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engineered barrier over the existing pavement/soil, and may implement that approach provided that EPA approves such approach (based on consideration of PCB levels, impacts on drainage, and other relevant factors) and that Flood Storage Compensation is provided; and/or (ii) an engineered barrier need not be installed in any discrete portion of the parking lot where the spatial average PCB concentrations (using an appropriate data set as presented in Attachment D to the SOW -- e.g., sampling on a 50-foot grid spacing -- and using the procedures specified in Attachment E to the SOW) do not exceed 10 ppm in the top foot, 15 ppm in the 1- to 3-foot depth increment and 100 ppm in the top 15 feet, provided that the effectiveness of the barrier is not compromised by discontinuities in the barrier. In addition, if the parking lot contains subsurface utilities potentially subject to emergency repair requirements and the spatial average PCB concentration for those soils present in the utility corridor that may need to be removed during an emergency repair exceeds 200 ppm, GE shall evaluate whether any additional response actions are necessary. GE shall submit that evaluation, together with a proposal for such actions if needed, to EPA for review and approval.

- 5. For the GE-owned wooded area at Newell Street Area II (located on Parcel J9-23-12), GE shall initially calculate existing spatial average PCB concentrations for the 0- to 1-foot and 1- to 3-foot depth increments for each area. If the spatial average PCB concentration exceeds 10 ppm in the top foot or 15 ppm in the 1- to 3-foot depth increment, GE shall conduct one of the following response actions:
 - a) GE shall remove and replace soils as necessary to achieve spatial average PCB concentrations at or below 10 ppm in the top foot and 15 ppm in the 1- to 3-foot depth increment in the GE-owned wooded area. (In addition, if GE selected the option described in Standard #3.a, GE shall remove all soils containing PCB concentrations greater than 50 ppm from the top foot of the GE-owned wooded area.) GE shall then calculate the spatial average PCB concentration for the 0- to 15-foot depth increment (incorporating the anticipated performance of response actions for the 0- to 1-foot and 1- to 3-foot depth increments). If the resulting spatial average PCB concentration for the 0- to 15-foot depth increment exceeds 100 ppm, GE shall install a vegetative engineered barrier in accordance with the specifications for such barriers in Attachment G to the SOW, and shall provide Flood Storage Compensation within the same general area, but not necessarily in the specific location of the engineered barrier.
 - Alternatively, GE shall remove the top foot of soil and install a vegetative engineered barrier over portions of the GE-owned wooded area until the spatial average PCB concentrations in the remaining portions of the area do not exceed 10 ppm in the top foot and 15 ppm in the 1- to 3-foot depth increment. For the portions of the GE-owned wooded area not subject to an engineered barrier as described above, GE shall calculate the spatial average PCB concentration for the 0- to 15-foot depth increment. If the spatial average PCB concentration for the 0- to 15-foot depth increment exceeds 100 ppm, GE shall install an engineered barrier. Any engineered barriers shall be installed in accordance with the specifications for such barriers in Attachment G to the SOW. In addition, GE shall provide Flood Storage Compensation within the same general area of the barriers, but not necessarily in the specific location of the engineered barrier.
- 6. For the remaining properties within Newell Street Area II (which are considered to be in "recreational" use), GE shall perform the following response actions:
 - a) For properties for which an ERE is obtained in accordance with Performance Standard #2, GE shall initially calculate existing spatial average PCB concentrations for the 0- to 1-foot and 1- to 3-foot depth increments at each averaging area at the property. If the spatial average PCB concentration exceeds 10 ppm in the top foot or 15 ppm in the 1- to 3-foot depth increment, GE shall remove and

replace soils as necessary to achieve spatial average PCB concentrations at or below those levels in the increments specified at such area. (In addition, if GE selects the option described in Standard #3.a, GE shall remove all soils containing PCB concentrations greater than 50 ppm from the top foot of unpaved portions of such property.) GE shall then calculate the spatial average PCB concentration for the 0- to 15-foot depth increment at the property (or to whatever depth sampling data exist, if less than 15 feet) incorporating the anticipated performance of response actions for the 0- to 1-foot and 1- to 3-foot depth increments. If that spatial average PCB concentration exceeds 100 ppm, GE shall install an engineered barrier in accordance with the specifications for such barriers in Attachment G to the SOW, and shall provide Flood Storage Compensation within the same general area, but not necessarily in the specific location of the engineered barrier.

- b) If an ERE cannot be obtained for such a property, GE shall initially calculate a spatial average PCB concentration for the 0- to 1-foot depth increment at each averaging area. If the spatial average PCB concentration exceeds 10 ppm in this depth increment, GE shall remove and replace soils as necessary to achieve a spatial average PCB concentration at or below 10 ppm in such area. (In addition, if GE selected the option described in Standard #3.a, GE shall remove all soils containing PCB concentrations greater than 50 ppm from the top foot at the property.) GE shall then calculate the spatial average PCB concentration for the 0- to 3-foot depth increment at each averaging area (incorporating the anticipated performance of any response actions for the 0- to 1-foot depth increment). If that spatial average exceeds 10 ppm, GE shall remove and replace soils as necessary to achieve a spatial average PCB concentration at or below 10 ppm for the 0- to 3-foot depth increment. GE shall then calculate the spatial average PCB concentration for the 0- to 15-foot depth increment at the property (or to whatever depth sampling data exist, if less than 15 feet) incorporating the anticipated performance of response actions for the uppermost 3 feet. If that spatial average PCB concentration exceeds 100 ppm, GE shall install an engineered barrier in accordance with the specifications for such barriers in Attachment G to the SOW, and shall provide Flood Storage Compensation within the same general area, but not necessarily in the specific location of the engineered barrier. These actions shall be deemed a Conditional Solution under the CD, and GE shall also meet the other requirements set forth in Paragraphs 34-38 of the CD for Conditional Solutions.
- c) For properties where utilities potentially subject to emergency repair requirements (e.g., water, gas, sewer, electricity, communication, and stormwater) are present and the spatial average PCB concentration for those soils present in the utility corridor that may need to be removed during an emergency repair exceeds 200 ppm, GE shall evaluate whether any additional response actions are necessary. GE shall submit that evaluation, together with a proposal for such actions if needed, to EPA for review and approval. In addition, in the event that a new sub-grade utility is installed at such a property, or if an existing subgrade utility is repaired or replaced in the future, GE shall ensure that the spatial average PCB concentration of the backfill materials is at or below 10 ppm in the top 3 feet and 25 ppm for soils at greater depths.

Response Actions for Non-PCB Constituents in Soil

7. To address the presence of Appendix IX+3 constituents other than PCBs in soils at Newell Street Area II, GE shall conduct an evaluation of such constituents for each of the averaging areas at Newell Street Area II identified in Attachment E to the SOW or otherwise specified above. This evaluation shall be conducted in accordance with the protocols described in Attachment F to the SOW (Protocols for the Evaluation of Non-PCB Constituents in Soil) and shall comply with the following process-related Performance Standards:

- a) First, GE shall review the data qualifiers on the Appendix IX+3 data to eliminate analytical laboratory results that indicate constituent occurrence as a result of laboratory interferences or contamination (as indicated by the laboratory blank data).
- Second, GE shall screen the remaining data to take into account the proposed response actions to address PCBs as specified in the above Performance Standards. Specifically, sample results from soil that will be removed to address PCBs will be eliminated from consideration, and it will be assumed that such soil will be replaced with an equal volume of clean soil containing concentrations of organic constituents at one-half the detection limit and concentrations of inorganic constituents consistent with those detected in representative samples of the backfill material. Similar concentrations for organic and inorganic constituents will be assumed to be present in any soil cover used. For areas where an engineered barrier will be eliminated from consideration, and averages will be recalculated for the portion(s) of the areas not subject to such barrier (subject to potential modification, if necessary, based on the nature and concentration of volatile constituents for which such barrier may not provide effective containment).
- c) Third, GE shall further screen the remaining data by making the following comparisons for the sample results that were not eliminated in Step 2:
 - i. For constituents other than dioxins/furans, GE shall compare the maximum concentration of each detected constituent to the EPA Region 9 Preliminary Remediation Goals (PRGs) (set forth in Exhibit F-1 to Attachment F to the SOW) for such constituents in soil, using the residential PRG for recreational areas. For polycyclic aromatic hydrocarbons (PAHs) for which Region 9 PRGs do not exist, GE shall use the Region 9 PRGs for benzo(a)pyrene for carcinogenic PAHs and the Region 9 PRGs for naphthalene for noncarcinogenic PAHs. For other constituents for which Region 9 PRGs do not exist, GE may propose screening concentrations based on either the Region 9 PRGs for chemicals with similar characteristics or on other appropriate risk-based calculations, and upon EPA approval, may use such screening concentrations in this step. (The Region 9 PRGs, together with the PRGs specified above for carcinogenic and noncarcinogenic PAHs for which there are no Region 9 PRGs and any additional screening concentrations proposed by GE and approved by EPA, are hereinafter referred to jointly as "Screening PRGs.") Any constituent whose maximum concentration is at or below the applicable Screening PRGs will be eliminated from further consideration. The remaining constituents will be subject to further evaluation.
 - ii. For dioxins/furans, GE shall calculate for each sample a total Toxicity Equivalent (TEQ) concentration, using the consensus Toxicity Equivalency Factors (TEFs) published by the World Health Organization (Van den Berg et al., *Environ. Health Perspectives*, vol. 106, no. 12, Dec. 1998). GE shall then compare, for the relevant averaging area and depth increment, either the maximum TEQ concentration or the 95% UCL on the mean of TEQ concentrations, whichever is lower, to the applicable PRG established by EPA for dioxin TEQs. The PRGs for recreational areas are 1 ppb in the top foot and 1.5 ppb in the 1- to 3-foot depth interval. If the maximum or 95% UCL TEQ concentration is less than the applicable PRG, no further response actions will be necessary to address dioxins/furans. If the maximum or 95% UCL TEQ concentration exceeds the applicable PRG, no further

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evaluation will be made, and GE shall develop Response Actions for EPA review and approval to achieve the dioxin PRG.

- d) Fourth, for each constituent (other than dioxins/furans) with a maximum concentration that exceeds the applicable Screening PRGs. GE shall compare the data set for that constituent for the particular averaging area (after taking into account the PCB-related response actions specified in Performance Standards #3 through #6) with the background data set for that constituent, using either an appropriate statistical method or summary statistics (as described in the Massachusetts DEP's Guidance for Disposal Site Risk Characterization, 1995). For such comparisons, GE shall utilize site-specific background data sets approved by EPA for use as background, which may include, at a minimum, soil data from Housatonic River floodplain samples collected upstream of releases from the GE Plant Area and soil data from GE's off-site residential property program (excluding samples with detectable PCB concentrations and samples containing visible evidence of non-native fill). GE shall propose separate background data sets for surface soil and subsurface soil, and may propose separate background data sets for commercial/industrial areas and residential/recreational areas. Any constituent for which the averaging area data set is consistent with the background data set will be eliminated from further consideration. Any constituent for which the averaging area data set is not consistent with the background data set will be subject to further evaluation. (Note: This step may be omitted if all constituents remaining after the screening described in Standard #7.c.i can be eliminated through the evaluation described in Standard #7.e below or if a site-specific background data set has not been approved by EPA by the time of this evaluation.)
- e) Fifth, for each constituent (other than dioxins/furans) that is not eliminated in the prior steps, GE shall calculate an average concentration for the averaging area (taking into account the PCBrelated response actions, as specified in Performance Standards #1 through #6, and shall compare that average concentration to the applicable MCP Method 1 soil standard (S-1, S-2, or S-3). If there is no existing Method 1 soil standard for such a constituent, GE may derive a Method 2 standard, using the MCP procedures for doing so, and compare the average concentration to that standard. In making these comparisons, GE shall calculate separate average concentrations for surface soil and subsurface soil (using depth increments consistent with those evaluated for PCBs), and compare those average concentrations separately to applicable Method 1 (or 2) standards. Further, in determining the applicable set of Method 1 (or 2) standards (i.e., S-1, S-2, or S-3), GE shall follow the MCP criteria for categorizing soil, and may take into account the ERE or Conditional Solution proposed for the property in question. If all constituents evaluated in this step have average concentrations at or below the applicable Method 1 (or 2) standards, no further response actions will be necessary to address such constituents. If any such constituent(s) have average concentrations exceeding the applicable Method 1 (or 2) standards, then GE shall either:
 - i. Develop response actions sufficient to reduce the average concentrations of such constituent(s) to the Method 1 (or 2) standards (or to achieve Performance Standards based on the Screening PRGs or background levels, as described in Standard #8 below); or
 - ii. Conduct an area-specific risk evaluation, as described in Standard #7.f below.
- f) Sixth, if an area-specific risk evaluation will be conducted, GE shall perform that evaluation for all constituents that were retained for evaluation prior to the step described in Standard #7.e above. In such an evaluation, GE shall calculate the cumulative Excess Lifetime Cancer Risk (ELCR) and non-cancer risk for all such constituents (excluding PCBs and dioxins/furans), based on the

average concentrations of such constituents and the same uses for the area and depth increment in question (e.g., recreational user, utility worker) that were assumed in developing the applicable PCB Performance Standards for such area and depth increment. In such an evaluation, GE shall apply the same exposure assumptions used in Attachment A to EPA's Action Memorandum for Removal Actions Outside the River (Appendix D to the CD) to support the PCB Performance Standards for such area and depth increment, unless GE proposes and provides an adequate justification for alternate exposure assumptions for the following parameters for the specific area in question and EPA approves such alternate assumptions: (i) exposure frequency (if based on site-specific land conditions for the area in question); (ii) exposed skin surface area (if based on site-specific land conditions for the area in question); (iii) dermal adherence factor; (iv) soil ingestion rate; (v) oral absorption factor; and (vi) dermal absorption factor.

If the resulting cumulative ELCR for the area (excluding PCBs and dioxins/furans) does not exceed 1 x 10-5 (after rounding) and the non-cancer Hazard Index (excluding PCBs and dioxins/furans) does not exceed 1 (after rounding), no further response actions will be necessary to address these residual Appendix IX+3 constituents. Otherwise, further response actions will be necessary.

- 8. If the evaluation described in Performance Standard #7 indicates the need for further response actions to address non-PCB constituents, GE shall develop, for EPA review and approval, specific Performance Standards for such response actions. Such Performance Standards shall be based on achieving the following, after taking into account the PCB-related response actions (including elimination from consideration of any sampling results from soil underlying an engineered barrier):
 - a) For dioxin/furan TEQs, either maximum or 95% UCL TEQ concentrations that do not exceed the applicable EPA PRGs for dioxin (in this case, 1 ppb for the top foot and 1.5 ppb for the 1- to 3-foot depth); and
 - b) For other constituents, any combination of the following: (i) maximum concentrations of individual constituents that do not exceed the applicable Screening PRGs; (ii) concentrations of individual constituents that are consistent with background levels (using an appropriate statistical technique or summary statistics); or (iii) for the remaining constituents (if any), either (A) average concentrations that do not exceed the applicable Method 1 (or 2) soil standards, or (B) cumulative risk levels that do not exceed (after rounding) an ELCR of 1 x 10⁻⁵ and a non-cancer Hazard Index of 1.

GE shall then propose and, upon EPA approval, undertake additional response actions as necessary to achieve those Performance Standards. The specific types of response activities to be taken to achieve such Performance Standards (e.g., soil removal, installation of an engineered barrier) shall be the same as those established by the Performance Standards for PCBs at the property or area in question, subject to potential modification if necessary based on the nature and concentration of volatile constituents.

Appendix B

Assessment of Prior Soil Data



Appendix B – Assessment of Prior Soil Data

Analytical results relating to soils at Newell Street Area II have been summarized in several prior reports prepared under various regulatory programs. The documents listed below provide information concerning the results of prior soil investigations at this area:

- MCP Interim Phase II Report for the Newell Street Site, Volume I, Blasland, Bouck & Lee, Inc.(BBL), February 1992;
- MCP Phase I and Interim Phase II Report for Former Housatonic River Oxbow Areas A, B, C, E, F, J, and K, BBL, April 1992;
- Newell Street Area II data tables, BBL, March 1997;
- Appendix E to Consent Decree, Volume III, Annex 2 to SOW for Removal Action Outside the River, BBL, October 1999;
- Appendix E to Consent Decree, Volume IV, Annex 2 to SOW for Removal Action Outside the River, BBL, October 1999;
- Appendix F to Consent Decree; Removal Action Work Plan for Upper ½ Mile Reach of Housatonic River, and EPA approval letter dated August 5, 1999, BBL, October 1999;
- GE's Monthly Report for May 2001 (submitted in June 2001) for GE-Pittsfield Housatonic River Site, BBL;
- Data box "NEW-1" (located at BBL office in Syracuse, New York).

This Appendix presents a summary of the existing soil analytical data at Newell Street Area II. The following data tables and figures, which summarize the concentrations of PCBs and non-PCB Appendix IX +3 constituents detected in soil samples collected at Newell Street Area II, have been previously presented in the above reports.

PRIOR PCB SOIL DATA

Table 5-7. Summary of Total Polychlorinated Biphenyls Detected in Soil Samples, Housatonic River Oxbow Areas A, B, C, E, F, J, and K, GE Company, Pittsfield, Massachusetts.

	Oxbow	E		Oxbow F			Oxbow J		Oxbo	w K	
	Boring E-1	Boring E-2	Well F-1	Duplicate	Boring F-2	J-1S	J-2S	J-4S		Boring K-2	
erval	-			Well F-1					200111912	Decling R. 2	
1 "						1.7 (0.97)	0.53 m 44s	19 (0.71)	***************************************		
•		0.79	1.1		2	*************			0.15	0.00	
	0.35	0.46	22		1800				0.15	0.07	
,		0.23	9.7		1200						
,	0.16	135	3.5		1600						
۵'		0.28	25		1000 (970)						
2'		0.25		0.10							
4'		0.97	14	0.12	240					NS	
6'			14		NS					NS	
		0.76	26	ŧ	NS					NS	
8'		0.15	31(67)		NS					NS	
20 '			NS		NS					NS	
22'			NS		NS					NS	
24'		NS	NS		NS				NS	NS	
									NS	NS	

Samples anniated by IT anniational dervices, Knorville, TN, unless otherwise ladicated.

Concentrations reported in milligrams per kilogram (mg/kg). Only detected analytes are shown.

NS Not sampled. Boring did not extend to this depth.

[•] Broken in shipment.

^{) —} Data reported by CompuCion Laboratories, Research Principle Park, NC

GENERAL ELECTRIC COMPANY PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF PCBs DETECTED IN SURFICIAL SOIL SAMPLES (Results are presented in dry-weight parts per million, ppm)

Boring ID.	Sample Collection Date	Sample Depth (Feet):	Total Aroclors+
RB-1-3	5/88	0-1	130
RB-1-6	5/88	0-1	160
RB-1-9	5/88	0-1	110
NS-21	10/6/93	0-0.5	0.47
NS-22	10/6/93	0-0.5	3.6
NS-23	10/6/93	0-0.5	8.1
NS-24	10/6/93	0-0.5	9.6.3.0*
NS-25	1/4/93	0-0.5	5.3
NS-26	1/4/93	0-0.5	4.0
NS-27	1/4/93	. 0-0.5	4.8
NS-28	1/4/93	0-0.5	4.4
161-C1	8/94	0-0.5	7.3
161-C2	8/94	0-0.5	5.1
161-C3	8/94	0-0.5	8.1
161-C4	8/94	0-0.5	5.0
161 - C5	8/94	0-0.5	7.1
161-C6	8/94	0-0.5	4.2
163-C1	8/94	0-0.5	5.5
163-C2	8/94	0-0.5	0.73
163-C3	8/94	0-0.5	12
163-C4	8/94	0-0.5	4.8
163-C5	8/94	0-0.5	3.4
GE-13	06/95	0-0.5	15
GE-14	06/95	0-0.5	320
RB-8-3	06/21/95	0-0.5	16 [27]
	06/21/95	0.5-1.0	22
RB-8-6	07/95	0-0.5	7.1
	07/95	0.5-1.0	7.6
RB-8-9	07/95	0-0.5	8.1
	07/95	0.5-1.0	11
RB-9	07/95	0-0.5	4.2
RB-10	07/95	0-0.5	7,800
RB-11	07/95	0-0.5	19
RB-12	07/95	0-0.5	50
WMECO-1	07/05/95	0-0.5	372
WMECO-2	07/05/95	0-0.5	126
WMECO-3	07/05/95	0-0.5	47.6
SS-I	09/12/95	0-0.5	9.85
SS-2	09/12/95	0-0.5	7.93
SS-3	09/25/95	0-0.5	17.0
SS-4	09/25/95	0-0.5	6.70
SS-5	09/12/95	0-0.5	179
SS-6	09/12/95	0-0.5	44.4

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(See Notes on Page 3)

GENERAL ELECTRIC COMPANY PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF PCBs DETECTED IN SURFICIAL SOIL SAMPLES (Results are presented in dry-weight parts per million, ppm)

Boring ID.	Sample Collection Date	Sample Depth (Feet):	Total Aroclors+
- SS-7	09/12/95	0-0.5	519
SS-8	09/12/95	0-0.5	93.5
SS-9	09/12/95	0-0,5	34,000/17,000RE
SS-10	09/12/95	0-0.5	96.5 -
SS-11	09/12/95	0-0.5	5,530/5,970RE
SS-12	09/12/95	0-0.5	1,180/1,510RE
SS-13	09/12/95	0-0.5	4,870/5,080RE
SS-14	09/12/95	0-0.5	1.30
SS-15	09/12/95	0-0.5	16.7 [23.9]
.SS-16	09/12/95	0-0.5	3.25
SS-17	09/13/95	0-0.5	0.211
SS-18	09/13/95	0-0.5	7.79
SS-19	09/13/95	0-0.5	0.905
SS-20	09/13/95	0-0.5	8.82 [10.7]
SS-21	09/13/95	0-0.5	31.9
SS-22	09/13/95	0-0.5	25.2
SS-23	09/13/95	0-0.5	1.16
SS-24	09/26/95	0-0.5	38.7
SS-25	09/26/95	0-0.5	0.823
SS-26	09/26/95	0-0.5	1.28
SS-27	09/26/95	0-0.5	1.18
SS-28	10/02/95	0-0.5	4.65
SS-29	10/02/95	0-0.5	1.40
SS-30	10/02/95	0-0.5	1.80
SS-31	10/02/95	0-0.5	0.905
SS-32	10/02/95	0-0.5	0.884
SS-33	10/02/95	0-0.5	1.10
SS-34	10/02/95	0-0.5	1.25 [1.53]
SS-35	10/02/95	0-0.5	0.500
SS-36	10/02/95	0-0.5	0.412
SS-37	10/02/95	0-0.5	0.836
SS-38	10/02/95	0-0.5	7.80
SS-39	10/02/95	0-0.5	0.301
SS-40	10/02/95	0-0.5	1.15
SS-41	09/26/95	0-0.5	20.5
SS-42	09/26/95	0-0.5	0.555
NS-35	11/12/96	0-0.5	1200
NS-153-C2	11/20/96	0-0,5	5.2
NS-153-C3	11/20/96	0-0.5	6.6[0.75]
NS-153-C1	11/20/96	0-0.5	3.2
J9-23-7-3	11/20/96	0-0.5	1.6
J9-23-7-4	11/20/96	0-0.5	0.59
J9-23-7-5	11/20/96	0-0.5	4.0

(See Notes on Page 3)

GENERAL ELECTRIC COMPANY PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF PCBs DETECTED IN SURFICIAL SOIL SAMPLES (Results are presented in dry-weight parts per million, ppm)

Boring ID.	Sample Collection Date	Sample Depth (Feet):	Total Aroclors+
NS-163-C6	11/21/96	0-0.5	27
NS-163-C11	11/21/96	0-0.5	0.99 [0.049]
NS-163-C7	11/21/96	0-0.5	5.7
NS-163-C9	11/21/96	0-0.5	1.2 -
NS-163-C8	11/21/96	0-0.5	1.9
NS-161-C7	11/21/96	0-0.5	4.2
NS-161-C11	11/21/96	0-0.5	2.9
NS-161-C10	11/21/96	0-0.5	6.6
NS-163-C10	11/21/96	0-0.5	2.0
NS-161-C9	11/21/96	0-0.5	6.3
NS-161-C8	11/21/96	0-0.5	6.0

Notes:

- 1. 1988 samples were collected by Geraughty & Miller, Inc. and submitted to IT Analytical Services for PCB analysis. 1993, 1994, 1995, and 1996 samples were collected by Blasland, Bouck & Lee, Inc. and submitted to CompuChem, MTI Services, IT Analytical Services, or Quanterra, Inc. for PCB analysis.
- 2. Duplicate results are presented in brackets.
- 3. RE reanalysis
- 4. + Rounded totals are as reported on laboratory data sheets.
- 5. * Split sample analyzed by CompuChem and IT Analytical Services.

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GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF PCB DATA DETECTED IN SOIL BORING SAMPLES (Results are presented in dry-weight parts per million, ppm)

Boring ID.	Sampling Date	Sample Depth (Ft.)	Aroclor 1016, 1232, 1242, and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors+
NS-1	08/29/89	0-4	ND	8,500	ND	8,500
	08/29/89	4-8	ND	12,000	ND	12,000
NAME AND ADDRESS OF THE PROPERTY OF THE PROPER	08/29/89	8-12	ND	310	ND	310
NS-2	08/29/89	0-4	ND	220	ND	220
	08/29/89	4-8	ND	200	ND	200
	08/29/89	8-12	ND	260	ND	260
NS-1A	05/22/91	0-2	ND	3,700	ND	3,700
	05/22/91	2-4	ND	8,400	ND	8,400
	05/22/91	4-6	ND	9,900	ND	9,900
	05/22/91	6-8	ND	12,000	ND	12,000
	05/22/91	8-10	ND	33	ND	33
	05/23/91	10-12	ND	3,400	ND	3,400
	05/23/91	12-14	ND	1,300	ND	1,300
	05/23/91	14-16	ND	1,500	ND	1,500
	05/23/91	16-18	ND	11	ND	11
	05/23/91	18-20	ND[ND]	3.8 [19]	ND[ND]	3.8[19]
***************************************	05/23/91	20-22	ND '	9.5	ND	9.5
	05/23/91	22-24	ND	29	ND	29
NS-2A	11/12/91	0-2	ND	0.64	ND	0.64
	11/12/91	2-4	ND	9,100	ND	9,100
	11/12/91	4-6	ND	2,000	ND	2,000
	11/12/91	4-6**	ND	25	ND	25
	11/12/91	6-8	ND	2,800	ND	2,800
	11/12/91	8-10	ND	320	ND	320
	11/12/91	10-12	ND	1.8	ND	1.8
	11/12/91	12-14	ND	6.3	ND	6.3
	11/12/91	14-16	ND	1,000	ND	1,000
	11/12/91	16-18	ND	1,100	ND	1,100
	11/12/91	18-20	ND[ND]	60 [24]	ND[ND]	60[24]
	11/12/91	20-22	ND	0.53	ND	0.53
	11/12/91	20-22 RE	ND	0.40	ND	0.40
	11/12/91	22-24	ND	8.5	ND	8.5
NS-3	08/29/89	0-4	ND	240	ND	240
	08/29/89	4-8	ND	16	4.4	20
	08/29/89	8-12	ND	1.1	0.2	1.3
NS-4	08/29/89	0-4	ND	29	1.7	31
	08/29/89	4-8	ND	0.55	0.05	0.60
	08/29/89	8-12	ND	1.5	0.13	1.6
NS-5	05/22/91	0-2	ND	1,200	ND	1,200
	05/22/91	2-4	ND[ND]	48 [19]	ND[ND]	48[19]
	05/22/91	4-6	סא	2,100	ND	2,100
	05/22/91	6-8	מא	590	ND	590

(See Notes on Page 10)

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF PCB DATA DETECTED IN SOIL BORING SAMPLES (Results are presented in dry-weight parts per million, ppm)

	Sampling	Sample	Aroclor 1016, 1232,			
Boring ID.	Date	Depth (Ft.)	1242, and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors+
NS-5	05/22/91	6-8**	ND	5,700	ND	5,700
Cont'd	05/22/91	8-10	ND	0.55	ND	0.55
	05/21/91	8-10 RE	ND	0.67	ND	0.67
	05/22/91	10-12	ND	29	ND	29
	05/22/91	12-14	ND	3.5	ND	3.5
NS-6	11/12/91	0-2	ND	280 P	ND	280
	11/12/91	2-4	ND	17,000	ND	17,000
	11/12/91	4-6	ND[ND]	53,000 [330]	ND[ND]	53,000[330]
	11/12/91	6-8	ND	3,400	ND	3,400
	11/12/91	8-10	ND	2,700	ND	2,700
	11/12/91	10-12	ND	24	ND	24
	11/12/91	12-14	ND	4.0	ND	4.0
NS-7	05/24/91	0-2	ND	190	ND	190
	05/24/91	2-4	ND	500	ND	500
	05/24/91	6-8	ND	130	ND	130
	05/24/91	8-10	ND	280	ND	280
	05/24/91	10-12	ND	20	ND	20
	05/24/91	12-14	ND	0.53	ND	0.53
	05/24/91	14-16	ND	0.65	ND	0.65
NS-8	05/21/91	0-2	ND	1.1	ND	1.1
	05/21/91	0-2 RE	ND	1.5	0.32	1.8
	05/21/91	2-4	ND	46	ND	46
	05/21/91	4-6	ND	5,200	ND	5,200
	05/21/91	6-8	ND	80,000	ND	80,000
	05/21/91	8-10	ND	13	ND	13
*	05/21/91	10-12	ND	850	ND	850
	05/21/91	12-14	ND[ND]	4,500 [1,100]	ND[ND]	4,500[1,100]
NS-9	10/24/91	0-2	ND	19	ND	19
	10/24/91	2-4	ND	19	9.3	28
	10/24/91	4-6	ND	0.06	ND	0.06
••	10/24/91	4-6**	ND	8.8	6.4	15
	10/24/91	4-6 RE	ND	0.14	ND	0.14
	10/24/91	6-8	ND	ND(0.05)	ND	ND(0.05)
	10/24/91	8-10	ND	2.0	0.65	2.6
	10/24/91	10-12	ND	0.60	0.34	0.94
	10/25/91	12-14	ND[ND]	8.6[ND]	2.0 [0.16]	11[0.16]
	10/25/91	14-16	[מא]מא	0.89[ND]	ND [0.77]	0.89[0.77]
	10/25/91	16-18	ND	11	ND	11
	10/25/91	18-20	ND	0.26	0.11	0.37
	10/25/91	20-22	ND	6.9	1.3	8.2
	10/25/91	22-24	ND	10	ND	10

(See Notes on Page 10)

TABLE 4-11

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF PCB DATA DETECTED IN SOIL BORING SAMPLES (Results are presented in dry-weight parts per million, ppm)

	Sampling	Sample	Aroclor 1016, 1232,			
Boring ID.	Date	Depth (Ft.)	1242, and/or 1248	Aroclor 1254		Total Aroclors+
NS-10	11/15/91	0-2	ND	0.21	0.07	0.28
	11/15/91	0-2 RE	ND	4.1	44	48
* The state of the	11/15/91	2-4	ND	3.4	1.3	4.7
	11/15/91	4-6	ND	8.3	3.9	12.1
	11/15/91	6-8	ND	49	ND	49
	11/15/91	8-10	ND	250	ND	250
	11/15/91	10-12	ND[ND]	420 [20]	ND[ND]	420[20]
	11/15/91	10-12**	ND[ND]	520 [6.5]	ND[ND]	520[6.5]
	11/15/91	12-14	ND	380	ND	380
	11/15/91	14-16	2.5	42	ND	44
	11/15/91	16-18	ND	2.1	ND	2.1
	11/15/91	18-20	0.22	3.8	ND	4.0
	11/15/91	18-20 RE	ND	2.7	ND	2.7
NS-11	12/10/91	0-2	ND	1.8 P	ND	1.8
	12/10/91	2-4	ND	110 P	ND	110
	12/10/91	4-6	ND	3,700	ND	3,700
	12/10/91	6-8	ND	8,800	ND	8,800
	12/10/91	8-10	ND	790 P	ND	790
	12/10/91	10-12	ND	470 P	ND	470
	12/10/91	14-16	ND	5.5 P	ND	5.5
	12/10/91	16-18	ND	0.18	ND	0.18
	12/10/91	18-20	ND	0.12 P	ND	0.12
	12/10/91	18-20 RE	ND	0.11 P	ND	0.11
NS-12	05/22/91	0-2	ND	7.3	3.3	11
	05/22/91	2-4	ND	9.5	2.2	12
	05/22/91	4-6	ND	19	3.9	23
	05/22/91	6-8	ND	4,400	ND	4,400
	05/22/91	8-10	ND	91	13	104
	05/22/91	10-12	ND	140	ND	140
ļ	05/22/91	12-14	ND	1,400	ND	1,400
-	05/22/91	14-16	ND[ND]	680 [1,600]	ND[ND]	680[1,600]
NS-13	05/21/91	0-2	ND	2,100	ND	2,100
	05/21/91	2-4	ND	26	ND	26
	05/21/91	4-6	ND	4,500	ND	4,500
	05/21/91	8-10	ND	32,000	ND	32,000
	05/21/91	10-12	ND	42,000	ND	42,000
	05/21/91	10-12**	ND	76,000	ND	76,000
	05/21/91	12-14	ND	460	ND	460
	05/21/91	14-16	ND[ND]	1,200 [1,300]	380[ND]	1,600[1,300]
NS-14	05/23/91	0-2	ND	210	ND	210
	05/23/91	2-4	ND	92	ND	92

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GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF PCB DATA DETECTED IN SOIL BORING SAMPLES (Results are presented in dry-weight parts per million, ppm)

Boring ID.	Sampling Date	Sample Depth (Ft.)	Aroclor 1016, 1232, 1242, and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors+
NS-14	05/23/91	4-6	ND	320	ND	320
Cont'd	05/23/91	6-8	ND	120	ND	120
	05/23/91	8-10	ND	320	ND	320
	05/24/91	10-12	ND	480	ND	480
	05/24/91	12-14	וסמוסמ	310 [92]	ND[ND]	310[92]
NS-15	06/16/95	0-2	NR	NR	NR	1,720
	06/16/95	2-4	NR	NR	NR	3.23
	06/16/95	4-6	NR	NR	NR	5.21
	06/16/95	6-8	NR	NR	NR	19.1
	06/16/95	8-10	NR	NR	NR	ND
	06/16/95	10-12	NR	NR	NR	ND
	06/16/95	12-14	NR	NR	NR	ND
-	. 06/16/95	14-16	NR	NR	NR	0.348
	06/16/95	16-18	NR	NR	NR	ND
	06/16/95	18-20	NR	NR	NR	0.738
	06/16/95	20-22	NR	NR	NR	ND
	06/16/95	22-24	NR	NR	NR	ND
	06/16/95	24-26	NR	NR	NR	0.318
	06/16/95	26-28	NR	NR	NR	ND
	06/16/95	28-30	NR	NR	NR	1.63
	06/16/95	30-32	NR	NR	NR	ND
	06/16/95	32-34	NR	NR	NR	ND[ND]
	06/16/95	34-36	NR	NR	NR	81.5
	06/16/95	36-38	NR	NR	NR	7.79
NS-16	06/13/95	0-2	NR	NR	NR	8.00
	06/13/95	2-4	NR	NR	NR	249
	06/13/95	4-6	NR	NR	NR	5.52
	06/13/95	6-8	NR	NR	NR	908
	06/13/95	8-10	NR	NR	NR	837
	06/13/95	10-12	NR	NR	NR	2,140
	06/13/95	12-14	NR	NR	NR	1,650
	06/13/95	14-16	NR	NR	NR	0.632
	06/13/95	16-18	NR	NR	NR	0.797
	06/13/95	18-20	NR	NR	NR	0.472[0.636]
NS-17	06/14/95	0-0.5	NR	NR	NR	297
	06/14/95	0.5-2	NR	NR	NR	187
	06/14/95	0-2	**	And stee		
	06/14/95	2-4	NR	NR	NR	45.1[46.6]
	06/14/95	4-6	NR	NR	NR	20.4
	06/14/95	6-8	NR	NR	NR	ND
	06/14/95	8-10	NR	NR	NR	0.393[ND]

(See Notes on Page 10)

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF PCB DATA DETECTED IN SOIL BORING SAMPLES (Results are presented in dry-weight parts per million, ppm)

	Sampling	Sample	Aroclor 1016, 1232,		a de la companya de l	
Boring ID.	Date	Depth (Ft.)	1242, and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors+
NS-17	06/14/95	10-12	NR	NR	NR	ND
Cont'd	06/14/95	12-14	NR	NR	NR	0.324
	06/14/95	14-16	NR	NR	NR	3.62
NS-18	06/14/95	0-0.5	NR	NR	NR	957
	06/14/95	0.5-2	NR	NR	NR	15,600
	06/14/95	0-2	**	***		
	06/14/95	2-4	NR	NR	NR	24,700
	06/14/95	4-6	NR	NR	NR	858[2,830]
	06/14/95	6-8	NR	NR	NR	922
	06/14/95	8-10	NR	NR	NR	462
	06/14/95	10-12	NR	NR	NR	442
	06/14/95	12-14	NR	NR	NR	201
	06/14/95	14-16	NR	NR	NR	ND
NS-19	06/14/95	0-0.5	NR	NR	NR	355
	06/14/95	0.5-2	NR	NR	NR	187
	06/14/95	0-2	₩#			
	06/14/95	2-4	NR	NR	NR	343
	06/14/95	4-6	NR	NR	NR	43.1
	06/14/95	6-8	NR	NR	NR	117
	06/14/95	8-10	NR	NR	NR	402
	06/14/95	10-12	NR	NR	NR	198
	06/15/95	12-14	NR	NR	NR	2,150
	06/15/95	14-16	NR	NR	NR	971
NS-20	06/12/95	0-0.5	***			**
	06/12/95	0.5-2				
	06/12/95	0-2	NR	NR	NR	1.63
	06/12/95	2-4	NR	NR	NR	ND
	06/12/95	4-6	NR	NR	NR	ND
	06/12/95	6-8	NR	NR	NR	ND
	06/12/95	8-10	NR	NR	NR	ND
	06/12/95	10-12	NR	NR	NR	ND
	06/12/95	12-14	NR	NR	NR	ND
	06/12/95	14-16	NR	NR	NR	ND
NS-21	06/15/95	0-0.5	***	**		
	06/15/95	0.5-2				
	06/15/95	0-2	NR	NR	NR	113
	06/15/95	2-4				M-40
	06/15/95	4-6	NR	NR	NR	15.2
Modernation	06/15/95	6-8	ndy, pda.			***
Repolaries	06/15/95	8-10		*******		was sine
	06/15/95	10-12				
	06/15/95	12-14	(Min Myn	100 als		

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF PCB DATA DETECTED IN SOIL BORING SAMPLES (Results are presented in dry-weight parts per million, ppm)

	Sampling	Sample	Aroclor 1016, 1232,			
Boring ID.	Date	Depth (Ft.)	1242, and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors+
NS-21	06/15/95	14-16	••			
Cont'd	06/15/95	16-18			**	
NS-22	06/15/95	0-0.5	NR	NR	NR	6.72
	06/15/95	0.5-2	NR	NR	NR	6.11
	06/15/95	0-2			-	
	06/15/95	2-4	NR	NR	NR	ND[ND]
	06/15/95	4-6	NR	NR	NR	ND
	06/15/95	6-8	NR	NR	NR	ND
	06/15/95	8-10	NR	NR	NR	ND
NS-23	06/22/95	0-0.5	NR	NR	NR	4.92
	06/22/95	0.5-2.0	NR	NR	NR	0.436
	06/22/95	0-2				•••
	06/22/95	2-4	NR	NR	NR	ND
	06/22/95	4-6	NR	NR	NR	ND
	06/22/95	6-8	NR	NR	NR	ND
	06/22/95	8-10	NR	NR	NR	ND
	06/22/95	10-12	NR	NR	NR	ND
	06/22/95	12-14	NR	NR	NR	ND
	06/22/95	14-16	NR	NR	NR	0.428
	06/22/95	16-18	NR	NR.	NR	2.08
	06/22/95	18-20	NR	NR	NR	ND
NS-24	06/13/95	0-0.5	##			
	06/13/95	0.5-2.0	w-m			
	06/13/95	0-2	NR	NR	NR	122
	06/13/95	2-4	NR	NR	NR	25.8
	06/13/95	4-6	NR	NR	NR	62.9
	06/13/95	6-8	NR	NR	NR	ND
	06/13/95	8-10	NR	NR	NR	4.79
	06/13/95	10-12	NR	NR	NR	ND
	06/13/95	12-14	NR	NR	NR	ND
	06/13/95	14-16	NR	NR	NR	ND
	06/13/95	16-18	NR	NR	NR	ND
NS-25	07/05/95	0-0.5	NR	NR	NR	140
	07/05/95	0.5-2.0	NR	NR	NR	101
	07/05/95	0-2	₩. ₩			
TO THE PERSON NAMED IN THE	07/05/95	2-4	NR	NR	NR	27.3
and the second	07/05/95	4-6	NR	NR	NR	ND
NS-26	07/05/95	0-0.5	NR	NR	NR	59.9
	07/05/95	0.5-2.0	NR	NR	NR	134[150]
	07/05/95	0-2				
T	07/05/95	2-4	NR	NR	NR	1,990
1	07/05/95	4-6	NR	NR	NR	3,200

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF PCB DATA DETECTED IN SOIL BORING SAMPLES (Results are presented in dry-weight parts per million, ppm)

Boring ID.	Sampling Date	Sample Depth (Ft.)	Aroclor 1016, 1232, 1242, and/or 1248	Aroclor 1254	Araclar 1260	Total Aroclors+
NS-27	07/05/95	0 - 0.5	NR	NR	NR	0.791
143-27	07/05/95	0.5-2.0	NR NR	NR NR	NR	2.79
	07/05/95	0.5-2.0	INE			
	07/05/95	2-4	NR	NR NR	NR	1.27
	07/05/95	4-6	NR NR	NR	NR	1.99
NS-28	07/10/95	0-0.5	NR NR	NR NR	NR NR	13.1
1113-20	07/10/95	0.5-2.0		ł .	NR	2.18
	į.	1 1	NR	NR	1	
	07/10/95	0-2	***	AID		ND
	07/10/95	2-4	NR	NR	NR	1
10.00	07/10/95	4-6	NR NR	NR	NR	ND (20
NS-29	07/10/95	0-0.5	NR	NR	NR	629
	07/10/95	0.5-2.0	NR	NR	NR	11.7
	07/10/95	0-2				
2.00	07/10/95	2-4	NR NR	NR	NR:	6.11
NS-33	02/06/96	0-2	NR	NR	NR	2.35
	02/06/96	2-4	NR	NR	NR	0.595
	02/06/96	4-6	NR	NR	NR	0.278
	02/06/96	6-8	NR	NR	NR	5.87
	02/06/96	8-10	NR	NR	NR	0.281
	02/06/96	10-12	NR	NR	NR	0.131
	02/06/96	12-14	NR	NR	NR	3.17
	02/06/96	14-16	NR	NR	NR	0.489
	02/06/96	14-16**	NR	NR	NR	0.471
QP-10	05/08/87	0-8	ND	71	23	94
	05/08/87	8-12	ND	0.06	ND	0.06
QP-11	05/08/87	0-2	ND	0.95	0.78	1.7
	05/08/87	2-12	ND	ND	ND	ND
RB-6	05/21/91	0-2	[ND]	[53]	[ND]	[53]
	05/21/91	2-4	[ND]	[ND]	[4.7]	[4.7]
RB-7	05/21/91	0-2	[DN]	[1,400]	[ND]	[1,400]
	05/21/91	2-4	[100]	[77]	[ND]	[177]
GE-1	05/04/88	0-2	ND	3.6	5.1P	8.7
	05/04/88	2-4	ND	18	4.2	22
	05/04/88	4-6	ND	0.05	ND	0.05
GE-2	05/04/88	0-4	ND	120	24P	140
	05/04/88	4-8	ND	150	19	170
GE-4	02/06/89	0-2	ND	0.11	0.06	0.17
	02/06/89	2-4	ND	5.2	37	8.9
	02/06/89	4-6	ND	5.7	2.2	7.9
	02/06/89	6-8	ND	ND	ND	ND

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF PCB DATA DETECTED IN SOIL BORING SAMPLES (Results are presented in dry-weight parts per million, ppm)

Boring ID.	Sampling Date	Sample Depth (Ft.)	Aroclor 1016, 1232, 1242, and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors+
GE-5	02/06/89	0-2	ND	0.4	0.17	0.57
020	02/06/89	2-4	ND	240	13	250
	02/06/89	4-6	ND	ND	ND	ND
	02/06/89	6-8	ND	ND	ND	ND
GE-6	02/06/89	0-2	ND	6.3	1.1	7.4
	02/06/89	2-4	ND	ND	ND	ND
	02/06/89	4-6	ND	ND	ND	ND
GE-7	02/06/89	0-2	ND	1.1	0.26	1.4
	02/06/89	2-4	ND	ND	ND	ND
	02/06/89	4-6	ND	ND	ND	ND
GE-9	12/12/91	0-2	ND	2.3 P	1.0 P	3.3
	12/12/91	2-4	ND	8.0 P	2.0 P	10
	. 12/12/91	4-6	ND	ND	ND	ND
	12/12/91	6-8	ND	ND	ND	ND
	12/12/91	8-10	ND	0.12 P	ND	0.12
GE-10	12/11/91	0-2	ND	930	ND	930
	12/11/91	2-4	ND	3.9	2.5	6.4
	12/11/91	4-6	ND	0.07	ND	0.07
	12/11/91	6-8	ND	ND	ND	ND
	12/11/91	8-10	ND	0.68 P	ND	0.68
	12/11/91	10-12	ND	1.9	ND	1.9
GE-11	12/12/91	0-2	ND	3,800 P	ND	3,800
	12/12/91	2-4	ND	1.7	ND	1.7
	12/12/91	4-6	ND	ND	ND	ND
	12/12/91	6-8	ND	1.8 P	ND	1.8
	12/12/91	8-10	ND	5.1 P	ND	5.1
	12/12/91	10-12	ND	0.49 P	ND	0.49
NS-35	11/12/96	0-0.5	ND	1200	ND	1200
	11/12/96	0.5-2	ND	31	ND	31
	11/12/96	2-4	ND	15	ND	15
	11/12/96	4-6	ND	4.8	ND	4.8
	11/12/96	6-8	ND	3.7	ND	3.7
	11/12/96	8-10	ND	0.19	ND	0.19
	11/12/96	10-12	ND	2.0	ND	2.0
	11/12/96	12-14	ND	1.4	ND	1.4
	11/12/96	14-16	ND	0.34	ND	0.34
	11/12/96	16-18	ND	0.33	ND	0.33
	11/12/96	18-20	ND	0.21	ND	0.21
	11/12/96	20-22	ND	0.14	ND	0.14
	11/12/96	22-24	ND	0.30	ND	0.30
	11/12/96	24-26	ND	0.21	ND	0.21
	11/12/96	26-28	ND	0.11	ND	0.11
	11/12/96	26-28**	ND	ND	ND	ND
	11/12/96	28-29	ND	ND	ND	ND

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF PCB DATA DETECTED IN SOIL BORING SAMPLES (Results are presented in dry-weight parts per million, ppm)

	Sampling	Sample	Aroclor 1016, 1232,			
Boring ID.	Date	Depth (Ft.)	1242, and/or 1248	Arocior 1254	Aroclor 1260	Total Aroclors+
NS-34	11/13/96	0-2	ND	310	ND	310
	11/13/96	2-4	ND	72,000	ND	72,000
no de la constanta de la const	11/13/96	4-6	ND	200	ND	200
A CONTRACTOR OF THE CONTRACTOR	11/13/96	6-8	ND	36,000	ND	36,000
	11/13/96	8-10	ND	430	ND	430
Control Control	11/13/96	10-12	ND	460	ND	460
and the second s	11/13/96	12-14	ND	15	ND	15
	11/13/96	14-16	ND	19	ND	19
	11/13/96	16-18	ND	0.25	ND	0.25
	11/13/96	18-20	ND	45	ND	45
	11/13/96	20-22	ND	31	ND	31
	11/13/96	22-24	ND	1.5	ND	1.5
	11/13/96	24-26	ND	9.3	ND	9.3
	11/13/96	26-28	ND	2.6	ND	2.6
	11/13/96	28-30	ND	9.7	ND	9.7
La constante de	11/13/96	30-32	ND	1.2	ND	1.2
	11/13/96	32-34	ND	0.32	ND	0.32
	11/13/96	32-34**	ND	0.28	ND	0.28
NS-36	11/14/96	0-2	ND	5.5	ND	5.5
	11/14/96	2-4	ND	2.4	ND	2.4
	11/14/96	4-6	ND	2.3	ND	2.3
	11/14/96	6-8	ND	2.0	ND	2.0
	11/14/96	8-10	ND	0.12	ND	0.12
	11/14/96	10-12	ND	0.59	ND	0.59
	11/14/96	10-12**	ND	0.85	ND	0.85
	11/14/96	12-14	ND	0.21	ND	0.21
	11/14/96	14-16	ND	0.14	ND	0.14
	11/14/96	16-18	ND	0.073	ND	0.073
	11/14/96	18-20	ND	ND	ND	ND
	11/14/96	20-22	ND	0.083	ND	0.083
NS-37	11/15/96	0-2	ND	24	ND	24
	11/15/96	2-4	ND	16	ND	16
	11/15/96	4-6	ND	9.6	ND	9.6
	11/15/96	6-8	ND	0.24	ND	0.24
	11/15/96	8-10	ND	6.7	ND	6.7
	11/15/96	10-12	ND	0.25	ND	0.25
	11/15/96	12-14	ND	0.41	ND	0.41
	11/15/96	14-16	ND	0.42	ND	0.42
	11/15/96	16-18	ND	ND	ND	ND
	11/15/96	18-20	ND	0.27	ND	0.27
	11/15/96	20-21	ND	ND	ND	ND
	11/15/96	20-21**	ND	0.070	ND	0.070

(See Notes on Page 10)

GENERAL ELECTRIC COMPANY - PITTSFIELD. MASSACHUSETTS MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF PCB DATA DETECTED IN SOIL BORING SAMPLES (Results are presented in dry-weight parts per million, ppm)

	C1:	C	4			Ž
Boring ID.	Sampling Date	Sample Depth (Ft.)	Arocior 1016, 1232, 1242, and/or 1248	Aroclor 1254	Aroclar 1260	Total Aroclors+
J9-23-7-3	11/20/96	0-0.5	ND	1.6	ND	1.6
	11/20/96	0.5-1	ND	1.9	ND	1.9
	11/20/96	1-2	ND	0.42	ND	0.42
	11/20/96	2-4	ND	ND	ND	ND
J9-23-7-4	11/20/96	0-0.5	ND	ND	0.59	0.59
	11/20/96	0.5-1	ND	ND	0.48	0.48
	11/20/96	1-2	ND	ND	ND	ND
	11/20/96	2-4	ND	ND	ND	ND
J9-23-7-5	11/20/96	0-0.5	ND	4.0	ND	4.0
	11/20/96	0.5-1	ND	2.9	ND	2.9
	11/20/96	1-2	ND	0.30	ND	0.30
	11/20/96	2-4	ND	ND	ND	ND
NS-153-C3	11/20/96	0-0.5	ND	6.6	ND	6.6
	11/20/96	0-0.5**	ND	0.75	ND	0.75
	11/20/96	0.5-1	ND	5.6	ND	5.6
	11/20/96	1-2	ND	0.74	ND	0.74
	11/20/96	2-4	ND	ND	ND	ND
NS-161-C9	11/21/96	0-0.5	ND	6.3	ND	6.3
	11/21/96	0.5-1	ND	4.0	ND	4.0
	11/21/96	1-2	ND	0.71	ND	0.71
	11/21/96	2-4	ND	0.066	ND	0.066
NS-163-C11	11/21/96	0-0.5	ND	0.99	ND	0.99
	11/21/96	0-0.5**	ND	0.49	ND	0.49
	11/21/96	0.5-1	ND	0.14	ND	0.14
	11/21/96	1-2	ND	ND	ND	ND
	11/21/96	2-4	ND	ND	ND	ND

Notes:

- 1989 and 1991 Samples were collected by Geraghty & Miller, Inc. and submitted to IT
 Analytical Services, Knoxville, TN for PCB analysis, unless otherwise indicated. 1995
 Samples were collected by Blasland, Bouck & Lee, Inc. and submitted to MTI Services for
 PCB analysis. Cyanide, sulfide and total organic carbon analyses were conducted by GTEL
 Environmental Laboratories, Inc.
- 3. ND Compound was analyzed for, but not detected.
- 4. [19] Concentrations in brackets are from analyses performed by CompuChem Laboratories (also includes Aroclor 1221).
- 5. P Indicates an alternation of standard Aroclor pattern.
- 6. ** Field duplicate sample.
- 7. + Rounded totals are as reported on laboratory data sheets.
- 8. NR Not reported.
- 9. RE Indicates re-extraction and reanalysis.
- 10. -- No sample taken.
- 11. * Aroclor pattern was identified and/or calculated as Aroclor 1242.



Analysis Required

SS-12 (6"-2')

SS-13 (0-6")

SS-13 (6"-2')

SS-14 (0-6")

SS-15 (0-6")

SS-16 (0-6")

SS-17 (0-6")

SS-17 (6"-2')

SS-DUP-2

914958081HA

914958081HA

914958081HA

914958081HA

914958081HA

914958081HB

914958081HB

914958081HB

914958081HB

09/12/95

09/12/95

09/12/95

09/12/95

09/12/95

09/12/95

09/12/95

09/12/95

09/12/95

POLYCHLORINATED BIPHENYLS

Analyst

Instrument

Extraction Method

EPA Method 8081 3550 GC-ECD Amy Milne QC Lot Date Date Date Dilution Surr. %R **Total PCBs** MDL Parameter Sampled Extracted Analyzed Factor (mg/Kg) (mg/Kg) Sample ID 914958081HA SS-1(0-6") 09/12/95 09/14/95 09/15/95 50 91 9.85 0.100 914958081HA 09/12/95 09/14/95 7.93 0.100 SS-2 (0-6") 09/15/95 50 91 SS-5 (0-6") 914958081HA 09/12/95 09/14/95 09/15/95 50 98 179 0.100 914958081HA 44.4 0.100 09/12/95 09/14/95 50 94 SS-6 (0-6") 09/15/95 914958081HA 0.100 SS-7 (0-6") 09/12/95 09/14/95 09/18/95 500 DO 519 SS-7 (6"-2') 914958081HA 09/12/95 09/14/95 09/18/95 500 DO 678 0.100 914958081HA 09/14/95 93.5 0.100 SS-8 (0-6") 09/12/95 09/15/95 50 95 914958081HA SS-9 (0-6") 09/12/95 09/14/95 09/19/95 10,000 DO 34,000 0.100 914958081HA 09/12/95 09/14/95 09/15/95 50 98 96.5 0.100 SS-10 (0-6") 914958081HA 09/12/95 09/14/95 09/18/95 5,000 DO 5,530 0.100 SS-11 (0-6") 914958081HA SS-11 (6"-2') 09/12/95 09/14/95 09/15/95 50 69 122 0.100 914958081HA DO 490 0.100 SS-11 (2'-4') 09/12/95 09/14/95 09/18/95 500 914958081HA 0.100 SS-12 (0-6") 09/12/95 09/14/95 09/18/95 1,000 DO 1,180

09/15/95

09/18/95

09/18/95

09/18/95

09/16/95

09/19/95

09/18/95

09/16/95

09/16/95

50

5,000

1,000

1

50

10

1

50

50

95

DO

DO

106

70

116

108

70

72

82.6

4,870

936

1.30

16.7

3.25

0.211

34.2

23.9

0.100

0.100

0.100

0.100

0.100

0.100

0.100

0.100

0.100

Note: Surrogate limit 41-131; % surrogate recovery limits are established guidelines suggested by the USEPA Contrant Laboratory Statement of Work.

09/14/95

09/14/95

09/14/95

09/14/95

09/14/95

09/14/95

09/14/95

09/14/95

09/14/95

DO = Due to the high concentration of the sample, the surrogate standard was diluted beyond the normal quantitation range.



POLYCHLORINATED BIPHENYLS

Analysis Required Extraction Method Analyst Instrument EPA Method 8081 3550 GC-ECD Amy Milne Parameter Date Date Date Dilution Surr. %R Total PCBs MDL Sampled Extracted Analyzed Factor (mg/Kg) (mg/Kg Sample ID SS-20 (0-6") 09/13/95 09/14/95 09/19/95 10 115 8.82 0.100 SS-20 (6"-2') 09/13/95 09/14/95 09/18/95 104 0.742 0.100 1 50 SS-22 (0-6") 09/13/95 09/14/95 09/17/95 98 25.2 0.100 SS-22 (6"-2') 09/13/95 09/14/95 09/18/95 1 106 1.43 0.100 SS-22 (2'-4') 09/13/95 09/14/95 09/18/95 1 104 0.4580.100 09/13/95 09/14/95 1.16 SS-23 (0-6") 09/18/95 1 109 0.100 SS-23 (6"-2') 09/13/95 09/14/95 09/18/95 1 107 ND 0.100 09/13/95 09/14/95 09/18/95 10 105 7.79 0.100 SS-18 (0-6")

09/18/95

09/17/95

09/19/95

1

50

10

104

118

119

0.905

31.9

10.7

0.100

0.100

0.100

Note: Surrogate limit 41-131; % surrogate recovery limits are established guidelines suggested by the USEPA Contrant Laboratory Statement of Work.

DO = Due to the high concentration of the sample, the surrogate standard was diluted beyond the normal quantitation range.

09/14/95

09/14/95

09/14/95

QC Lot: 914958081HB

09/13/95

09/13/95

09/13/95

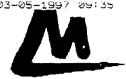
SS-19 (0-6")

SS-21 (0-6")

SS-DUP-3

 Method Blank
 MS% Recovery
 MSD % Recovery
 % RSD

 ND
 67%
 88%
 27%



Analysis information

(315) 446-2572 × 3:2

Table 1.0

Polychiorinated Biphenyis

,	vsis Required Method 8081	Extraction 35.		Analyst Amy Milne		instrument GC-ECD		
Parameter	QC Lot:	Date Sampled	Date Extracted	Date Analyzed	Dilution Factor	Sun. %R	Total PCBs	MOL
							(mg/Kg)	(mg/Kg)
Sample ID								
SS-24 (0-6*)	927958081H	09/26/95	09/27/95	09/27/95	100	DO	38.7	0.100
SS-25 (0-8")	927958081H	09/26/95	09/27/95	09/27/95	1	99	⊘ 0.823	0.100
SS-25 (6"-2")	927958081H	09/26/95	09/27/95	09/27/95	1	10 0	ND	0.100
SS-25 (2'-4')	927958081H	09/28/95	09/27/95	09/27/95	1	99	ND	0.100
SS-28 (0-6*)	927958081H	09/28/95	09/27/95	09/27/95	1	102	1.28	0.100
SS-26 (6"-2")	927958081H	09/28/95	09/27/95	09/27/95	1	98	0.804	0.100
SS-27 (0-8")	927958081H	09/26/95	09/27/95	09/27/95	1	99	1.18	0,100
SS-41 (0-6")	927958081H	09/25/95	09/27/95	09/27/95	100	DO	20.5	0.100
SS-42 (0-6")	927958081H	09/28/95	09/27/95	09/27/95	1	97	0.586	0.100
✓SS-3 (0-6")	927958081H	09/25/95	09/27/95	09/27/95	100	DO	17.0	0,100
> SS-4 (0-6")	927958081H	09/25/95	09/27/95	09/27/95	10	88	6.70 4.7	
SS-4 (6"-2")	927958081H	09/25/95	09/27/95	09/27/95	100	DO	12.8	0.100

Note: Surrogate limit 41-131; 1/4 surrogate recovery limits are established guidelines suggested by the USEPA Contract Laboratory Statement of Work.

ND = Analyse of interest was non-detectable at the method detection limit.

DO = Due to the high concentration of the sample, the surrogate standard was diluted beyond the normal quantitation range.

EPA SAMPLE NO.

I971106 Lab Name: QUANTERRA DENVER Contract:

Lab Code: Case No.: 48569 SAS No.: SDG No.: 48569

Lab Sample ID: 48569-03 Matrix: (soil/water) SOIL

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 10MAY2050Y96

% Moisture: 22 decanted: (Y/N) N Date Received: 04/26/96

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 05/07/96

Concentrated Extract Volume: 10000.0(uL) Date Analyzed: 05/10/96

Dilution Factor: 100.0 Injection Volume: ____(uL)

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG Q CAS NO. COMPOUND

12674-11-2Aroclor-1016 11104-28-2Aroclor-1221 1114-16-5Aroclor-1232 53469-21-9Aroclor-1242 12672-29-6Aroclor-1248 11097-69-1Aroclor-1254 11096-82-5Aroclor-1260 	2600 2600 2600 2600 2600 21000 5100 39000	ם מממ
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EPA SAMPLE NO.

19711612

Lab Name: QUANTERRA DENVER Contract:

Lab Code: Case No.: 48569 SAS No.:

SDG No.: 48569

Matrix: (soil/water) SOIL

Lab Sample ID: 48569-04

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 10MAY2121Y96

% Moisture: 12 decanted: (Y/N) N Date Received: 04/26/96

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 05/07/96

Concentrated Extract Volume: 10000.0(uL)

Date Analyzed: 05/10/96

Injection Volume: ____(uL)

Dilution Factor: 1000.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO. COMPOUND

(ug/L or ug/Kg) UG/KG

12674-11-2Aroclor-1016	23000 23000 23000 23000 23000 110000 45000 270000	ט ט ט
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Lab Name: QUANTERRA DENVER Contract:

I971206

Lab Code: Case No.: 48569 SAS No.: SDG No.: 48569

Matrix: (soil/water) SOIL

Lab Sample ID: 48569-05

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: 10MAY2152Y96

% Moisture: 13 decanted: (Y/N) N Date Received: 04/26/96

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 05/07/96

Concentrated Extract Volume: 10000.0(uL) Date Analyzed: 05/10/96

Injection Volume: ____(uL)

Dilution Factor: 20.0

GPC Cleanup: (Y/N) N pH: ___

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG Q

12674-11-2Aroclor-1016 11104-28-2Aroclor-1221 1114-16-5Aroclor-1232 53469-21-9Aroclor-1242 12672-29-6Aroclor-1248 11097-69-1Aroclor-1254 11096-82-5Aroclor-1260 	460 U 460 U 460 U 460 U 460 U 3800 920 U 7000	not not took
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Lab Name: QUANTERRA DENVER Contract:

Lab Code: Case No.: 48569 SAS No.: SDG No.: 48569

Matrix: (soil/water) SOIL Lab Sample ID: 48569-06

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 10MAY2223Y96

% Moisture: 11 decanted: (Y/N) N Date Received: 04/26/96

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 05/07/96

Concentrated Extract Volume: 10000.0(uL) Date Analyzed: 05/10/96

Injection Volume: ____(uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG (

12674-11-2----Aroclor-1016 450 U 11104-28-2----Aroclor-1221 450 U 1114-16-5-----Aroclor-1232 450 U 53469-21-9-----Aroclor-1242 450 U 12672-29-6----Aroclor-1248 450 U 11097-69-1----Aroclor-1254 5000 11096-82-5----Aroclor-1260_ - 900 ਹ -----Total Aroclors 8200

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S Reported: 04/03/98

General Electric Company

Project Reference: J9-23-3 NEWELL STREET SUBSURFACE SOIL BORINGS

Client Sample ID : J9-23-3-SB-1(0-0.5')

Date Sampled: 03/26/98 Order #: 201468 Sample Matrix: SOIL/SEDIMENT

Date Received: 03/27/98 Submission #: 9803000384 Percent Solid: 65.1

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 03/27/98 DATE ANALYZED : 03/30/98 ANALYTICAL DILUTION: 10.	0		Dry Weight
PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	17 17 17 17 17 17	260 U 260 U 260 U 260 U 260 U 1700 1800	UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG
SURROGATE RECOVERIES	QC LIMITS		
DECACHLOROBIPHENYL TETRACHLORO-META-XYLENE	(30 - 150 %) (30 - 150 %)	124 100	of o

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S Reported: 04/03/98

General Electric Company

Project Reference: J9-23-3 NEWELL STREET SUBSURFACE SOIL BORINGS

Client Sample ID : J9-23-3-SB-1(0.5-2')

Date Sampled: 03/26/98 Order #: 201470 Sample Matrix: SOIL/SEDIMENT

Date Received: 03/27/98 Submission #: 9803000384 Percent Solid: 74.5

ANALYTE	PQI	i R	ESULT	UNITS
DATE EXTRACTED : 03/27/9 DATE ANALYZED : 03/27/9 ANALYTICAL DILUTION:			Dı	ry Weight
PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260		17 17 17 17	23 U 23 U 23 U 23 U 23 U 23 U 23 U 23 U	UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG
SURROGATE RECOVERIES	QC LIMITS			
DECACHLOROBIPHENYL TETRACHLORO-META-XYLENE	(30 - 150 %) (30 - 150 %)		78 63	के क

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S Reported: 04/03/98

General Electric Company

Project Reference: J9-23-3 NEWELL STREET SUBSURFACE SOIL BORINGS

Client Sample ID : J9-23-3-SB-1(2-4')

Order #: 201472 Sample Matrix: SOIL/SEDIMENT Date Sampled: 03/26/98 Order #: 201472 Sample Matrix: SOIL/Date Received: 03/27/98 Submission #: 9803000384 Percent Solid: 75.7

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 03/27/98 DATE ANALYZED : 03/27/98 ANALYTICAL DILUTION: 1			Dry Weight
PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	17 17 17 17 17 17	22 U 22 U 22 U 22 U 22 U 22 U 22 U	UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG
SURROGATE RECOVERIES	QC LIMITS		
DECACHLOROBIPHENYL TETRACHLORO-META-XYLENE	(30 - 150 %) (30 - 150 %)	82 69	જે <i>જે</i>

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S Reported: 04/03/98

General Electric Company

Project Reference: J9-23-3 NEWELL STREET SUBSURFACE SOIL BORINGS

Client Sample ID : J9-23-3-SB-1(4-6')

Date Sampled: 03/26/98 Order #: 201473 Sample Matrix: SOIL/SEDIMENT

Date Received: 03/27/98 Submission #: 9803000384 Percent Solid: 92.6

ANALYTE	PQL	RESUL'	T UNITS
DATE EXTRACTED : 03/27/9 DATE ANALYZED : 03/27/9 ANALYTICAL DILUTION:			Dry Weight
PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260		17 18 U	UG/KG UG/KG UG/KG UG/KG UG/KG
SURROGATE RECOVERIES	QC LIMITS		
DECACHLOROBIPHENYL TETRACHLORO-META-XYLENE	(30 - 150 %) (30 - 150 %)	81 47	્રું ૧

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S Reported: 04/03/98

General Electric Company

Project Reference: J9-23-3 NEWELL STREET SUBSURFACE SOIL BORINGS

Client Sample ID : J9-23-3-SB-1(6-8')

Date Sampled: 03/26/98 Order #: 201474 Sample Matrix: SOIL/SEDIMENT

Date Received: 03/27/98 Submission #: 9803000384 Percent Solid: 90.5

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 03/27/9 DATE ANALYZED : 03/27/9 ANALYTICAL DILUTION: 1			Dry Weight
PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	1 1 1 1 1 1	7 19 U 7 19 U 7 19 U 7 19 U 7 19 U	UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG
SURROGATE RECOVERIES	QC LIMITS		
DECACHLOROBIPHENYL TETRACHLORO-META-XYLENE	(30 - 150 %) (30 - 150 %)	86 65	90 96

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S Reported: 04/03/98

General Electric Company

Project Reference: J9-23-3 NEWELL STREET SUBSURFACE SOIL BORINGS

Client Sample ID : J9-23-3-SB-1(8-10')

Date Sampled: 03/26/98 Order #: 201475 Sample Matrix: SOIL/SEDIMENT

Date Received: 03/27/98 Submission #: 9803000384 Percent Solid: 86.5

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 03/27/98 DATE ANALYZED : 03/27/98 ANALYTICAL DILUTION: 1.0			Dry Weight
PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	17 17 17 17 17 17	20 U 20 U 20 U 20 U 20 U 20 U 20 U	UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG
SURROGATE RECOVERIES	QC LIMITS		
DECACHLOROBIPHENYL TETRACHLORO-META-XYLENE	(30 - 150 %) (30 - 150 %)	89 47	ું જ

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EXTRACTABLE ORGANICS

METHOD 8082 PCB'S Reported: 04/03/98

General Electric Company

Project Reference: J9-23-3 NEWELL STREET SUBSURFACE SOIL BORINGS

Client Sample ID : J9-23-3-SB-DUP-1

Date Sampled: 03/26/98 Order #: 201487 Sample Matrix: SOIL, Date Received: 03/27/98 Submission #: 9803000384 Percent Solid: 75.9 Sample Matrix: SOIL/SEDIMENT

ANALYTE	Pζ	ΣĹ	RESULT	UNITS
DATE EXTRACTED : 03/27/ DATE ANALYZED : 03/27/			nessent der verscheide 2014 der Andréi ein eine Andréi de Grant er verscheide 2014 (verscheide 2014 der 2014 d	
	1.0			Dry Weight
PCB 1016		17	22 U	UG/KG
PCB 1221		17	22 U	UG/KG
PCB 1232		17	22 U	UG/KG
PCB 1242		17	22 U	UG/KG
PCB 1248		17	22 U	UG/KG
PCB 1254		17	22 U	UG/KG
PCB 1260		17	22 U	UG/KG
SURROGATE RECOVERIES	QC LIMITS			
DECACHLOROB I PHENYL	(30 - 150 %)		86	oto
TETRACHLORO-META-XYLENE	(30 - 150 %)		50	Ŷ

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S Reported: 04/03/98

General Electric Company

Project Reference: J9-23-6 NEWELL STREET AREA II SUBSURFACE BORINGS

Client Sample ID : J9-23-6-SB-1(0-0.5')

Date Sampled: 03/26/98 Order #: 201497 Sample Matrix: SOIL/SEDIMENT Date Received: 03/27/98 Submission #: 9803000387 Percent Solid: 76.2

ANALYTE	Pζ	ìL	RESULT	UNITS
DATE EXTRACTED : 03/27/9 DATE ANALYZED : 03/27/9 ANALYTICAL DILUTION: 1				Dry Weight
PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260		17 17 17 17 17 17	22 U 22 U 22 U 22 U 22 U 230 390	UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG
SURROGATE RECOVERIES	QC LIMITS			
DECACHLOROBIPHENYL TETRACHLORO-META-XYLENE	(30 - 150 %) (30 - 150 %)		102 94	એ એ

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S Reported: 04/03/98

General Electric Company

Project Reference: J9-23-6 NEWELL STREET AREA II SUBSURFACE BORINGS

Client Sample ID : J9-23-6-SB-1(0.5-2')

Date Sampled: 03/26/98 Order #: 201499 Sample Matrix: SOIL/SEDIMENI

Date Received: 03/27/98 Submission #: 9803000387 Percent Solid: 86.0

ANALYTE	P	QL	RESULT	UNITS
DATE EXTRACTED : 03/27/9 DATE ANALYZED : 03/27/9 ANALYTICAL DILUTION:				Dry Weight
PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260		17 17 17 17 17 17	20 U 20 U 20 U 20 U 20 U 170 230	UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG
SURROGATE RECOVERIES	QC LIMITS			
DECACHLOROBIPHENYL TETRACHLORO-META-XYLENE	(30 - 150 %) (30 - 150 %)		8 O 8 O	ું જ

EXTRACTABLE ORGANICS
METHOD 8082 PCB'S
Reported: 04/07/98

General Electric Company

Project Reference: J9-23-6 NEWELL STREET AREA II SUBSURFACE BORINGS

Client Sample ID : J9-23-6-SB-1(2-4')

Date Sampled: 03/26/98 Order #: 201500 Sample Matrix: SOIL/SEDIMEN

Date Received: 03/27/98 Submission #: 9803000387 Percent Solid: 85.5

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 03/27/9 DATE ANALYZED : 03/30/9 ANALYTICAL DILUTION: 1			Dry Weight
PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260		17 200 U 17 200 U 17 200 U 17 200 U 17 200 U 17 1600 17 1500	UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG
SURROGATE RECOVERIES	QC LIMITS		
DECACHLOROBIPHENYL TETRACHLORO-META-XYLENE	(30 - 150 %) (30 - 150 %)	178* 141	્ •

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EXTRACTABLE ORGANICS

METHOD 8082 PCB'S Reported: 04/03/98

General Electric Company

Project Reference: J9-23-6 NEWELL STREET AREA II SUBSURFACE BORINGS

Client Sample ID : J9-23-6-SB-1(4-6')

Date Sampled: 03/26/98 Order #: 201501 Sample Matrix: SOIL/SEDIMENT

Date Received: 03/27/98 Submission #: 9803000387 Percent Solid: 87.8

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 03/27/98 DATE ANALYZED : 03/27/98 ANALYTICAL DILUTION: 1.			Dry Weight
PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260		17 19 U 17 19 U 17 19 U 17 19 U 17 19 U 17 19 U 17 130 17 120	UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG
SURROGATE RECOVERIES	QC LIMITS		
DECACHLOROBIPHENYL TETRACHLORO-META-XYLENE	(30 - 150 %) (30 - 150 %)	78 78	% %

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S Reported: 04/03/98

General Electric Company

Project Reference: J9-23-6 NEWELL STREET AREA II SUBSURFACE BORINGS

Client Sample ID : J9-23-6-SB-1(6-8')

Date Sampled: 03/26/98 Order #: 201502 Sample Matrix: SOIL/SEDIMENT

Date Received: 03/27/98 Submission #: 9803000387 Percent Solid: 85.4

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 03/27/98 DATE ANALYZED : 03/27/98 ANALYTICAL DILUTION: 1.0)		Dry Weight
PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	17 17 17 17 17 17	20 U 20 U 20 U 20 U 20 U 60	UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG
SURROGATE RECOVERIES	QC LIMITS		
DECACHLOROBIPHENYL TETRACHLORO-META-XYLENE	(30 - 150 %) (30 - 150 %)	88 79	એ એ

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S Reported: 04/03/98

General Electric Company

Project Reference: J9-23-6 NEWELL STREET AREA II SUBSURFACE BORINGS

Client Sample ID : J9-23-6-SB-1(8-10')

Date Sampled: 03/26/98 Order #: 201504 Sample Matrix: SOIL/SEDIMENT

Date Received: 03/27/98 Submission #: 9803000387 Percent Solid: 81.7

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 03/27/98 DATE ANALYZED : 03/27/98 ANALYTICAL DILUTION: 1.	0		Dry Weight
PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	17 17 17 17 17 17	21 U 21 U 21 U 21 U 21 U	UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG
SURROGATE RECOVERIES	QC LIMITS		
DECACHLOROBIPHENYL TETRACHLORO-META-XYLENE	(30 - 150 %) (30 - 150 %)	9 4 88	96

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S Reported: 04/03/98

General Electric Company

Project Reference: J9-23-6 NEWELL STREET AREA II SUBSURFACE BORINGS

Client Sample ID : J9-23-6-SB-DUP-1

Date Sampled: 03/26/98 Order #: 201505 Sample Matrix: SOIL/SEDIMEN.

Date Received: 03/27/98 Submission #: 9803000387 Percent Solid: 84.2

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 03/27/98 DATE ANALYZED : 03/30/98 ANALYTICAL DILUTION: 10.0			Dry Weight
PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	17 17 17 17 17 17	200 U 200 U 200 U 200 U 200 U 950 910	UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG
SURROGATE RECOVERIES	QC LIMITS		
DECACHLOROBIPHENYL TETRACHLORO-META-XYLENE	(30 - 150 %) (30 - 150 %)	139 110	એ એ

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S Reported: 04/21/98

General Electric Company

Project Reference: J9-23-8 NEWELL STREET AREA II SUBSURFACE BORINGS

Client Sample ID : J9-23-8-SB-1 (0-0.5')

Date Sampled: 03/31/98 Order #: 202506 Sample Matrix: SOIL/Date Received: 04/01/98 Submission #: 9804000010 Percent Solid: 31.2 Sample Matrix: SOIL/SEDIMENT

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 04/03/98 DATE ANALYZED : 04/09/98 ANALYTICAL DILUTION: 1000.0			Dry Weight
PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	17 17 17 17 17 17	54000 U 54000 U 54000 U 54000 U 54000 U 650000 54000 U	UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG
SURROGATE RECOVERIES	QC LIMITS	# • · · ·	
	30 - 150 %) 30 - 150 %)	D D	જ જ

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S Reported: 04/21/98

General Electric Company

Project Reference: J9-23-8 NEWELL STREET AREA II SUBSURFACE BORINGS

Client Sample ID : J9-23-8-SB-1 (0.5-2')

Date Sampled: 03/31/98 Order #: 202507 Sample Matrix: SOIL/Date Received: 04/01/98 Submission #: 9804000010 Percent Solid: 82.1 Sample Matrix: SOIL/SEDIMENT

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 04/03/98 DATE ANALYZED : 04/09/98 ANALYTICAL DILUTION: 1000.0			Dry Weight
PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	17 17 17 17 17 17	21000 U 21000 U 21000 U 21000 U 21000 U 330000 120000	UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG
SURROGATE RECOVERIES	QC LIMITS		
DECACHLOROBIPHENYL TETRACHLORO-META-XYLENE	(30 - 150 %) (30 - 150 %)	D D	ું જ

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S Reported: 04/21/98

General Electric Company

Project Reference: J9-23-8 NEWELL STREET AREA II SUBSURFACE BORINGS

Client Sample ID : J9-23-8-SB-1 (2-4')

Date Sampled: 03/31/98 Order #: 202508 Sample Matrix: SOIL/Date Received: 04/01/98 Submission #: 9804000010 Percent Solid: 79.6 Sample Matrix: SOIL/SEDIMENT

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 04/03/98 DATE ANALYZED : 04/09/98 ANALYTICAL DILUTION: 20.0			Dry Weight
PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	17 17 17 17 17 17	430 U 430 U 430 U 430 U 430 U 4800 1800	UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG
SURROGATE RECOVERIES QC LIMI	TS	*	
DECACHLOROBIPHENYL (30 - 1 TETRACHLORO-META-XYLENE (30 - 1	50 %) 50 %)	D D	જ જ

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S Reported: 04/21/98

General Electric Company

Project Reference: J9-23-8 NEWELL STREET AREA II SUBSURFACE BORINGS Client Sample ID: J9-23-8-SB-1 (4-6')

Sample Matrix: SOIL/SEDIMENT Date Sampled: 03/31/98 Order #: 202509

Date Received: 04/01/98 Submission #: 9804000010 Percent Solid: 71.9

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 04/03/98 DATE ANALYZED : 04/09/98 ANALYTICAL DILUTION: 1			Dry Weight
PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	17 17 17 17 17 17	24 U 24 U 24 U 24 U 24 U 77 24 U	UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG
SURROGATE RECOVERIES	QC LIMITS		
DECACHLOROBIPHENYL TETRACHLORO-META-XYLENE	(30 - 150 %) (30 - 150 %)	100 85	એ એ

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S Reported: 04/21/98

General Electric Company

Project Reference: J9-23-8 NEWELL STREET AREA II SUBSURFACE BORINGS

Client Sample ID : J9-23-8-SB-1 (6-8')

Date Sampled: 03/31/98 Order #: 202510 Sample Matrix: SOIL/SEDIMENT Date Received: 04/01/98 Submission #: 9804000010 Percent Solid: 82.0

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 04/03/9 DATE ANALYZED : 04/09/9 ANALYTICAL DILUTION: 20	8		Dry Weight
PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	1; 1; 1; 1; 1;	7 410 U 7 410 U 7 410 U 7 410 U 7 2200	UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG
SURROGATE RECOVERIES	QC LIMITS	.	
DECACHLOROBIPHENYL TETRACHLORO-META-XYLENE	(30 - 150 %) (30 - 150 %)	D D	ર જ

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EXTRACTABLE ORGANICS

METHOD 8082 PCB'S Reported: 04/21/98

General Electric Company

Project Reference: J9-23-8 NEWELL STREET AREA II SUBSURFACE BORINGS

Client Sample ID : J9-23-8-SB-1 (8-10')

Date Sampled: 03/31/98 Order #: 202511 Sample Matrix: SOIL/SEDIMENT

Date Received: 04/01/98 Submission #: 9804000010 Percent Solid: 81.5

ANALYTE	PQ:	L	RESULT	UNITS
DATE EXTRACTED : 04/03/98 DATE ANALYZED : 04/09/98 ANALYTICAL DILUTION: 1.	}			Dry Weight
PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260		17 17 17 17 17 17	21 U 21 U 21 U 21 U 21 U 21 U 21 U	UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG
SURROGATE RECOVERIES	QC LIMITS			
DECACHLOROBIPHENYL TETRACHLORO-META-XYLENE	(30 - 150 %) (30 - 150 %)		95 83	ે ૦

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EXTRACTABLE ORGANICS

METHOD 8082 PCB'S Reported: 04/21/98

General Electric Company

Project Reference: J9-23-8 NEWELL STREET AREA II SUBSURFACE BORINGS

Client Sample ID : J9-23-8-SB-DUP-2

Date Sampled: 03/31/98 Order #: 202512 Sample Matrix: SOIL/SEDIMENT

Date Received: 04/01/98 Submission #: 9804000010 Percent Solid: 72.6

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 04/03/9 DATE ANALYZED : 04/09/9 ANALYTICAL DILUTION: 1			Dry Weight
PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	17 17 17 17 17 17	23 U 23 U 23 U 23 U 23 U 31 23 U	UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG
SURROGATE RECOVERIES	QC LIMITS		
DECACHLOROBIPHENYL TETRACHLORO-META-XYLENE	(30 - 150 %) (30 - 150 %)	90 88	એ જ

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S Reported: 04/06/98

General Electric Company

Project Reference: J9-23-8 NEWELL STREET AREA II SUBSURFACE BORINGS

Client Sample ID : J9-23-8-SB-2(0-0.5')

Date Sampled: 03/27/98 Order #: 201706 Sample Matrix: SOIL/Date Received: 03/28/98 Submission #: 9803000396 Percent Solid: 68.0 Order #: 201706 Sample Matrix: SOIL/SEDIMENT

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 03/30/98 DATE ANALYZED : 04/01/98 ANALYTICAL DILUTION: 10.0		4-	Dry Weight
PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	17 17 17 17 17 17	250 U 250 U 250 U 250 U 250 U 3400 890	UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG
SURROGATE RECOVERIES	QC LIMITS		
DECACHLOROBIPHENYL TETRACHLORO-META-XYLENE	(30 - 150 %) (30 - 150 %)	107 92	% એ

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EXTRACTABLE ORGANICS

METHOD 8082 PCB'S Reported: 04/06/98

General Electric Company

Project Reference: J9-23-8 NEWELL STREET AREA II SUBSURFACE BORINGS

Client Sample ID : J9-23-8-SB-2(0.5-2')

Date Sampled: 03/27/98 Order #: 201707 Sample Matrix: SOIL/SEDIMENT

Date Received: 03/28/98 Submission #: 9803000396 Percent Solid: 79.7

ANALYTE		PQL	RESULT	UNITS
DATE EXTRACTED : 03/30/ DATE ANALYZED : 03/31/ ANALYTICAL DILUTION:				Dry Weight
PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260		17 17 17 17 17 17	21 U 21 U 21 U 21 U 21 U 96 130	UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG
SURROGATE RECOVERIES	QC LIMITS			•
DECACHLOROBIPHENYL TETRACHLORO-META-XYLENE	(30 - 150 (30 - 150		79 69	96 96

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S Reported: 04/06/98

General Electric Company

Project Reference: J9-23-8 NEWELL STREET AREA II SUBSURFACE BORINGS

Client Sample ID : J9-23-8-SB-2(2-4')

Date Sampled: 03/27/98 Order #: 201708 Sample Matrix: SOIL/SEDIMENT

Date Received: 03/28/98 Submission #: 9803000396 Percent Solid: 70.7

ANALYTE		PQL	RESULT	UNITS
DATE EXTRACTED : 03/30/DATE ANALYZED : 03/31/ANALYTICAL DILUTION:				Dry Weight
PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260		17 17 17 17 17 17	24 U 24 U 24 U 24 U 24 U 110	UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG
SURROGATE RECOVERIES	QC LIMITS			
DECACHLOROBIPHENYL TETRACHLORO-META-XYLENE	(30 - 150 (30 - 150	용) 용)	91 81	0,000

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S Reported: 04/06/98

General Electric Company

Project Reference: J9-23-8 NEWELL STREET AREA II SUBSURFACE BORINGS

Client Sample ID : J9-23-8-SB-DUP-1

Date Sampled: 03/27/98 Order #: 201709 Sample Matrix: SOIL/SEDIMENT

Date Received: 03/28/98 Submission #: 9803000396 Percent Solid: 51.3

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 03/30/ DATE ANALYZED : 04/01/ ANALYTICAL DILUTION: 1			Dry Weight
PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	17 17 17 17 17 17	330 U 330 U 330 U 330 U 330 U 330 U 330 U	UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG
SURROGATE RECOVERIES	QC LIMITS		
DECACHLOROBIPHENYL TETRACHLORO-META-XYLENE	(30 - 150 %) (30 - 150 %)	100 89	એ એ

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S Reported: 04/06/98

General Electric Company

Project Reference: J9-23-8 NEWELL STREET AREA II SUBSURFACE BORINGS

Client Sample ID : J9-23-8-SB-2(4-6')

Date Sampled: 03/27/98 Order #: 201710 Sample Matrix: SOIL/SEDIMENT

Date Received: 03/28/98 Submission #: 9803000396 Percent Solid: 80.5

ANALYTE		PQL	RESULT	UNITS
DATE EXTRACTED : 03/30/ DATE ANALYZED : 04/01/ ANALYTICAL DILUTION: 10				Dry Weight
PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260		17 17 17 17 17 17	2100 U 2100 U 2100 U 2100 U 2100 U 34000 2100 U	UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG
SURROGATE RECOVERIES	QC LIMITS		•	
DECACHLOROBIPHENYL TETRACHLORO-META-XYLENE	(30 - 150 (30 - 150		D D	એ એ એ

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S Reported: 04/06/98

General Electric Company

Project Reference: J9-23-8 NEWELL STREET AREA II SUBSURFACE BORINGS

Client Sample ID : J9-23-8-SB-2(6-8')

Date Sampled: 03/27/98 Order #: 201711 Sample Matrix: SOIL/SEDIMENT

Date Received: 03/28/98 Submission #: 9803000396 Percent Solid: 83.7

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 03/30/ DATE ANALYZED : 03/31/ ANALYTICAL DILUTION:			Dry Weight
PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	17 17 17 17 17 17	20 U 20 U 20 U 20 U 20 U 20 U 20 U	UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG
SURROGATE RECOVERIES	QC LIMITS		
DECACHLOROBIPHENYL TETRACHLORO-META-XYLENE	(30 - 150 %) (30 - 150 %)	67 73	્રે જ

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S Reported: 04/06/98

General Electric Company

Project Reference: J9-23-8 NEWELL STREET AREA II SUBSURFACE BORINGS

Client Sample ID : J9-23-8-SB-2(8-10')

Date Sampled: 03/27/98 Order #: 201712 Sample Matrix: SOIL/Date Received: 03/28/98 Submission #: 9803000396 Percent Solid: 80.4 Order #: 201712 Sample Matrix: SOIL/SEDIMENT

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 03/30/98 DATE ANALYZED : 03/31/98 ANALYTICAL DILUTION: 1			Dry Weight
PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	17 17 17 17 17 17	21 U 21 U 21 U 21 U 21 U 21 U 21 U	UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG
SURROGATE RECOVERIES	QC LIMITS		
DECACHLOROBIPHENYL TETRACHLORO-META-XYLENE	(30 - 150 %) (30 - 150 %)	86 61	ુ જ

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S Reported: 04/06/98

General Electric Company

Project Reference: J9-23-8 NEWELL STREET AREA II SUBSURFACE BORINGS

Client Sample ID : J9-23-8-SB-3(0-0.5')

Date Sampled: 03/27/98 Order #: 201696 Sample Matrix: SOIL/Date Received: 03/28/98 Submission #: 9803000396 Percent Solid: 88.7 Order #: 201696 Sample Matrix: SOIL/SEDIMENT

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 03/30/98 DATE ANALYZED : 04/01/98 ANALYTICAL DILUTION: 10.			Dry Weight
PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	17 17 17 17 17 17	190 U 190 U 190 U 190 U 190 U 940 470	UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG
SURROGATE RECOVERIES	QC LIMITS		
DECACHLOROBIPHENYL TETRACHLORO-META-XYLENE	(30 - 150 %) (30 - 150 %)	81 87	96

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S Reported: 04/06/98

General Electric Company

Project Reference: J9-23-8 NEWELL STREET AREA II SUBSURFACE BORINGS

Client Sample ID : J9-23-8-SB-3(0.5-2')

Date Sampled: 03/27/98 Order #: 201697 Sample Matrix: SOIL/Date Received: 03/28/98 Submission #: 9803000396 Percent Solid: 85.3 Sample Matrix: SOIL/SEDIMENT

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 03/30/9 DATE ANALYZED : 03/31/9 ANALYTICAL DILUTION: 1			Dry Weight
PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	17 17 17 17 17 17	20 U 20 U 20 U 20 U 20 U 150	UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG
SURROGATE RECOVERIES	QC LIMITS		
DECACHLOROBIPHENYL TETRACHLORO-META-XYLENE	(30 - 150 %) (30 - 150 %)	47 49	રુ રુ

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S Reported: 04/06/98

General Electric Company

Project Reference: J9-23-8 NEWELL STREET AREA II SUBSURFACE BORINGS

Client Sample ID : J9-23-8-SB-3(2-4')

Date Sampled: 03/27/98 Order #: 201698 Sample Matrix: SOIL/SEDIMENT

Date Received: 03/28/98 Submission #: 9803000396 Percent Solid: 81.7

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 03/30/9 DATE ANALYZED : 03/31/9 ANALYTICAL DILUTION: 1			Dry Weight
PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	17 17 17 17 17 17	21 U 21 U 21 U 21 U 21 U 220 120	UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG
SURROGATE RECOVERIES	QC LIMITS		
DECACHLOROBIPHENYL TETRACHLORO-META-XYLENE	(30 - 150 %) (30 - 150 %)	78 83	્

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S Reported: 04/06/98

General Electric Company

Project Reference: J9-23-8 NEWELL STREET AREA II SUBSURFACE BORINGS Client Sample ID: J9-23-8-SB-3(4-6')

Sample Matrix: SOIL/SEDIMENT Date Sampled: 03/27/98 Order #: 201699 Sample Matrix: SOIL/Date Received: 03/28/98 Submission #: 9803000396 Percent Solid: 87.8

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 03/30/ DATE ANALYZED : 03/31/ ANALYTICAL DILUTION:			Dry Weight
PCB 1016	17	19 U 19 U	UG/KG UG/KG
PCB 1221 PCB 1232 PCB 1242	17 17 17	19 U 19 U	UG/KG UG/KG
PCB 1248 PCB 1254	17 17	19 U 340	UG/KG UG/KG
PCB 1260 SURROGATE RECOVERIES	OC LIMITS	330	UG/KG
DECACHLOROBIPHENYL TETRACHLORO-META-XYLENE	(30 - 150 %) (30 - 150 %)	7 4 77	olo olo

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S Reported: 04/06/98

General Electric Company

Project Reference: J9-23-8 NEWELL STREET AREA II SUBSURFACE BORINGS

Client Sample ID : J9-23-8-SB-3(6-8')

Date Sampled: 03/27/98 Order #: 201700 Sample Matrix: SOIL, Date Received: 03/28/98 Submission #: 9803000396 Percent Solid: 85.9 Sample Matrix: SOIL/SEDIMENT

ANALYTE		PQL	RESULT	UNITS
DATE EXTRACTED : 03/30/DATE ANALYZED : 04/01/ANALYTICAL DILUTION: 10				Dry Weight
PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260		17 17 17 17 17 17	2000 U 2000 U 2000 U 2000 U 2000 U 32000 9600	UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG
SURROGATE RECOVERIES	QC LIMITS			
DECACHLOROBIPHENYL TETRACHLORO-META-XYLENE	(30 - 150 (30 - 150	-	D D	90

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S Reported: 04/06/98

General Electric Company

Project Reference: J9-23-8 NEWELL STREET AREA II SUBSURFACE BORINGS

Client Sample ID : J9-23-8-SB-3(8-10')

Date Sampled: 03/27/98 Order #: 201701 Sample Matrix: SOIL, Date Received: 03/28/98 Submission #: 9803000396 Percent Solid: 84.2 Sample Matrix: SOIL/SEDIMENT

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 03/30/98 DATE ANALYZED : 04/01/98 ANALYTICAL DILUTION: 10.)		Dry Weight
PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	17 17 17 17 17 17	200 U 200 U 200 U 200 U 200 U 980 200 U	UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG
SURROGATE RECOVERIES	QC LIMITS		
DECACHLOROBIPHENYL TETRACHLORO-META-XYLENE	(30 - 150 %) (30 - 150 %)	98 85	રુ સ્ટ

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S Reported: 04/06/98

General Electric Company

Project Reference: J9-23-8 NEWELL STREET AREA II SUBSURFACE BORINGS

Client Sample ID : J9-23-8-SB-3(10-12')

Date Sampled: 03/27/98 Order #: 201702 Sample Matrix: SOIL/SEDIMENT

Date Received: 03/28/98 Submission #: 9803000396 Percent Solid: 52.1

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 03/30/9 DATE ANALYZED : 03/31/9 ANALYTICAL DILUTION:			Dry Weight
PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	17 17 17 17 17 17	33 U 33 U 33 U 33 U 33 U 33 U	UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG
SURROGATE RECOVERIES	QC LIMITS		
DECACHLOROBIPHENYL TETRACHLORO-META-XYLENE	(30 - 150 %) (30 - 150 %)	62 64	એ એ

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S Reported: 04/06/98

General Electric Company

Project Reference: J9-23-8 NEWELL STREET AREA II SUBSURFACE BORINGS

Client Sample ID : J9-23-8-SB-3(12-14')

Date	Sampled	:	03/27/98	Order #: 201703	Sample	Matrix:	SOIL/SEDIMENT

Date Received: 03/28/98 Submission #: 9803000396 Percent Solid: 68.1

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 03/30/ DATE ANALYZED : 03/31/ ANALYTICAL DILUTION:	98 98 1.0		Dry Weight
PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	17 17 17 17 17 17	25 U 25 U 25 U 25 U 25 U 25 U 25 U	UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG
SURROGATE RECOVERIES	QC LIMITS		
DECACHLOROBIPHENYL TETRACHLORO-META-XYLENE	(30 - 150 %) (30 - 150 %)	79 74	olo ala

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S Reported: 04/06/98

General Electric Company

Project Reference: J9-23-8 NEWELL STREET AREA II SUBSURFACE BORINGS

Client Sample ID : J9-23-8-SB-3(14-16')

Date Sampled: 03/27/98 Order #: 201704 Sample Matrix: SOIL/SEDIMENT

Date Received: 03/28/98 Submission #: 9803000396 Percent Solid: 79.6

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 03/30/9 DATE ANALYZED : 03/31/9 ANALYTICAL DILUTION: 1			Dry Weight
PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	17 17 17 17 17 17	21 U 21 U 21 U 21 U 21 U 33 21 U	UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG
SURROGATE RECOVERIES	QC LIMITS		
DECACHLOROBIPHENYL TETRACHLORO-META-XYLENE	(30 - 150 %) (30 - 150 %)	69 60	રુ જ

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S Reported: 04/06/98

General Electric Company

Project Reference: J9-23-8 NEWELL STREET AREA II SUBSURFACE BORINGS

Client Sample ID : J9-23-8-SB-3(16-18')

Date Sampled: 03/27/98 Order #: 201705 Sample Matrix: SOIL/ Date Received: 03/28/98 Submission #: 9803000396 Percent Solid: 76.8 Sample Matrix: SOIL/SEDIMENT

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 03/30/98 DATE ANALYZED : 03/31/98 ANALYTICAL DILUTION: 1	3		Dry Weight
PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	17 17 17 17 17 17	22 U 22 U 22 U 22 U 22 U 110 22 U	UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG
SURROGATE RECOVERIES	QC LIMITS		
DECACHLOROBIPHENYL TETRACHLORO-META-XYLENE	(30 - 150 %) (30 - 150 %)	60 67	એ એ

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S Reported: 04/24/98

General Electric Company

Project Reference: 19-7-1 (NEWELL STREET AREA II) SUBSURFACE

Client Sample ID : I9-7-1-SB-1 (1-2')

Date Sampled: 04/07/98 Order #: 203990 Sample Matrix: SOIL/SEDIMENT

Date Received: 04/08/98 Submission #: 9804000125 Percent Solid: 89.2

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 04/09 DATE ANALYZED : 04/14 ANALYTICAL DILUTION:			Dry Weight
PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	17 17 17 17 17 17	19 U 19 U 19 U 19 U 19 U 210 280	UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG
SURROGATE RECOVERIES	QC LIMITS	** ,	
DECACHLOROBIPHENYL TETRACHLORO-META-XYLENE	(30 - 150 %) (30 - 150 %)	8 1 90	એ એ

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S Reported: 05/07/98

General Electric Company

Project Reference: 19-7-1 (NEWELL STREET AREA II) SUBSURFACE

Client Sample ID : I9-7-1-SB-1 (2-4')

Date Sampled: 04/07/98 Order #: 203991 Sample Matrix: SOIL/SEDIMENT

Date Received: 04/08/98 Submission #: 9804000125 Percent Solid: 86.2

ANALYTE		PQL	RESULT	UNITS
DATE EXTRACTED : 04/09/9 DATE ANALYZED : 04/13/9 ANALYTICAL DILUTION: 1				Dry Weight
PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260		17 17 17 17 17 17	20 U 20 U 20 U 20 U 20 U 20 U 290	UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG
SURROGATE RECOVERIES	QC LIMITS			
DECACHLOROBIPHENYL TETRACHLORO-META-XYLENE	(30 - 150 s (30 - 150 s	5) 5)	60 69	્ર ભ

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S Reported: 04/24/98

General Electric Company

Project Reference: 19-7-1 (NEWELL STREET AREA II) SUBSURFACE

Client Sample ID : 19-7-1-SB-1 (4-6')

Date Sampled: 04/07/98 Order #: 203992 Sample Matrix: SOIL/SEDIMENT

Date Received: 04/08/98 Submission #: 9804000125 Percent Solid: 80.1

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 04/09/ DATE ANALYZED : 04/14/			
ANALYTICAL DILUTION:	1.0		Dry Weight
PCB 1016	17	21 U	UG/KG
PCB 1221	17	21 U	UG/KG
PCB 1232	17	21 U	UG/KG
PCB 1242	17	21 U	UG/KG
PCB 1248	17	21 U	UG/KG
PCB 1254	17	21 U	UG/KG
PCB 1260	17	21 U	UG/KG
SURROGATE RECOVERIES	QC LIMITS	·*	
DECACHLOROBIPHENYL	(30 - 150 %)	56	%
TETRACHLORO-META-XYLENE	(30 - 150 %)	59	0,0

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S Reported: 04/24/98

General Electric Company

Project Reference: 19-7-1 (NEWELL STREET AREA II) SUBSURFACE

Client Sample ID : I9-7-1-SB-1 (6-8')

Date Sampled: 04/07/98 Order #: 203993 Sample Matrix: SOIL/SEDIMENT Date Received: 04/08/98 Submission #: 9804000125 Percent Solid: 75.9

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 04/0 DATE ANALYZED : 04/1			
ANALYTICAL DILUTION:	1.0		Dry Weight
PCB 1016	17	22 U	UG/KG
PCB 1221	17	22 U	UG/KG
PCB 1232	17	22 U	UG/KG
PCB 1242	17	22 U	UG/KG
PCB 1248	17	22 U	UG/KG
PCB 1254	17	22 U	UG/KG
PCB 1260	17	22 U	UG/KG
SURROGATE RECOVERIES	QC LIMITS	·• .	
DECACHLOROBIPHENYL	(30 - 150 %)	71	%
TETRACHLORO-META-XYLENE	(30 - 150 %)	68	%

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S Reported: 04/24/98

General Electric Company

Project Reference: 19-7-1 (NEWELL STREET AREA II) SUBSURFACE Client Sample ID: 19-7-1-SB-1 (8-10')

Date Sampled: 04/07/98 Order #: 203994 Sample Matrix: SOIL/Date Received: 04/08/98 Submission #: 9804000125 Percent Solid: 71.3 Sample Matrix: SOIL/SEDIMENT

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 04/09/9 DATE ANALYZED : 04/14/9 ANALYTICAL DILUTION: 1			Dry Weight
PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260		17 24 U 17 24 U 17 24 U 17 24 U 17 24 U 17 24 U 17 24 U	UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG
SURROGATE RECOVERIES	QC LIMITS		
DECACHLOROBIPHENYL TETRACHLORO-META-XYLENE	(30 - 150 %) (30 - 150 %)	77 82	એવ એજ

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S Reported: 04/24/98

General Electric Company

Project Reference: 19-7-1 (NEWELL STREET AREA II) SUBSURFACE

Client Sample ID : 19-7-1-SB-1 (10-12')

Date Sampled: 04/07/98 Order #: 203995 Sample Matrix: SOIL/SEDIMENT

Date Received: 04/08/98 Submission #: 9804000125 Percent Solid: 77.1

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 04/09/98 DATE ANALYZED : 04/14/98 ANALYTICAL DILUTION: 1.			Dry Weight
PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	17 17 17 17 17 17	22 U 22 U 22 U 22 U 22 U 22 U 38	UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG
SURROGATE RECOVERIES	QC LIMITS	·· .	
DECACHLOROBIPHENYL TETRACHLORO-META-XYLENE	(30 - 150 %) (30 - 150 %)	82 86	એ એ

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S Reported: 04/24/98

General Electric Company

Project Reference: 19-7-1 (NEWELL STREET AREA II) SUBSURFACE

Client Sample ID : I9-7-1-SB-1 (12-14')

Date Sampled: 04/07/98 Order #: 203996 Sample Matrix: SOIL/SEDIMENT Date Received: 04/08/98 Submission #: 9804000125 Percent Solid: 85.3

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 04/09/ DATE ANALYZED : 04/14/ ANALYTICAL DILUTION:			Dry Weight
PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	17 17 17 17 17 17	20 U 20 U 20 U 20 U 20 U 52	UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG
SURROGATE RECOVERIES	QC LIMITS		
DECACHLOROBIPHENYL TETRACHLORO-META-XYLENE	(30 - 150 %) (30 - 150 %)	82 89	৽ ৽ ৽৽

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S Reported: 04/24/98

General Electric Company

Project Reference: 19-7-1 (NEWELL STREET AREA II) SUBSURFACE

Client Sample ID : 19-7-1-SB-2 (0-0.5')

Date Sampled: 04/07/98 Order #: 203997 Sample Matrix: SOIL/SEDIMENT Date Received: 04/08/98 Submission #: 9804000125 Percent Solid: 82.4

ANALYTE		PQL	RESULT	UNITS
DATE EXTRACTED : 04/09/10 DATE ANALYZED : 04/14/10 ANALYTICAL DILUTION: 10				Dry Weight
PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260		17 17 17 17 17 17	2100 U 2100 U 2100 U 2100 U 2100 U 25000 10000	UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG
SURROGATE RECOVERIES	QC LIMITS			
DECACHLOROBIPHENYL TETRACHLORO-META-XYLENE	(30 - 150 % (30 - 150 %		D D	્રે રુ

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S Reported: 04/24/98

General Electric Company

Project Reference: I9-7-1 (NEWELL STREET AREA II) SUBSURFACE Client Sample ID: I9-7-1-SB-2 (0.5-2')

Date Sampled: 04/07/98 Order #: 203998 Sample Matrix: SOIL/Date Received: 04/08/98 Submission #: 9804000125 Percent Solid: 88.9 Sample Matrix: SOIL/SEDIMENT

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 04/09/98 DATE ANALYZED : 04/14/98 ANALYTICAL DILUTION: 100.0			Dry Weight
PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	17 17 17 17 17 17	1900 U 1900 U 1900 U 1900 U 1900 U 7800 32000	UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG
SURROGATE RECOVERIES	QC LIMITS		
DECACHLOROBIPHENYL TETRACHLORO-META-XYLENE	(30 - 150 %) (30 - 150 %)	D D	ole ole

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S Reported: 04/24/98

General Electric Company

Project Reference: 19-7-1 (NEWELL STREET AREA II) SUBSURFACE Client Sample ID: 19-7-1-SB-2 (2-4')

Date Sampled: 04/07/98 Order #: 203999 Sample Matrix: SOIL/SEDIMENT Date Received: 04/08/98 Submission #: 9804000125 Percent Solid: 87.6

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 04/09/98 DATE ANALYZED : 04/15/98 ANALYTICAL DILUTION: 1000.	0		Dry Weight
PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	17 17 17 17 17 17	19000 U 19000 U 19000 U 19000 U 19000 U 19000 U 59000	UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG
SURROGATE RECOVERIES	QC LIMITS	 .	
DECACHLOROBIPHENYL TETRACHLORO-META-XYLENE	(30 - 150 %) (30 - 150 %)	D D	90 90

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S Reported: 04/24/98

General Electric Company

Project Reference: 19-7-1 (NEWELL STREET AREA II) SUBSURFACE

Client Sample ID : 19-7-1-SB-2 (4-6')

Date Sampled: 04/07/98 Order #: 204000 Sample Matrix: SOIL/SEDIMENT

Date Received: 04/08/98 Submission #: 9804000125 Percent Solid: 86.9

ANALYTE	E	QL	RESULT	UNITS
DATE EXTRACTED : 04/09/98 DATE ANALYZED : 04/14/98 ANALYTICAL DILUTION: 10	3			Dry Weight
PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260		17 17 17 17 17 17	200 U 200 U 200 U 200 U 200 U 1700 3100	UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG
SURROGATE RECOVERIES	QC LIMITS		·* .	
DECACHLOROBIPHENYL TETRACHLORO-META-XYLENE	(30 - 150 %) (30 - 150 %)		136 88	949

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S Reported: 04/24/98

General Electric Company

Project Reference: 19-7-1 (NEWELL STREET AREA II) SUBSURFACE

Client Sample ID : I9-7-1-SB-2 (6-8')

Date Sampled: 04/07/98 Order #: 204001 Sample Matrix: SOIL, Date Received: 04/08/98 Submission #: 9804000125 Percent Solid: 81.0 Sample Matrix: SOIL/SEDIMENT

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 04/09/9 DATE ANALYZED : 04/14/9 ANALYTICAL DILUTION: 1			Dry Weight
PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	17 17 17 17 17 17	21 U 21 U 21 U 21 U 21 U 21 U 21 U	UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG
SURROGATE RECOVERIES	QC LIMITS		
DECACHLOROBIPHENYL TETRACHLORO-META-XYLENE	(30 - 150 %) (30 - 150 %)	76 86	olo ola

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S Reported: 04/24/98

General Electric Company

Project Reference: 19-7-1 (NEWELL STREET AREA II) SUBSURFACE

Client Sample ID : 19-7-1-SB-2 (8-10')

Date Sampled: 04/07/98 Order #: 204002 Sample Matrix: SOIL/Date Received: 04/08/98 Submission #: 9804000125 Percent Solid: 79.4 Sample Matrix: SOIL/SEDIMENT

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 04/09/ DATE ANALYZED : 04/15/ ANALYTICAL DILUTION: 1			Dry Weight
PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	17 17 17 17 17 17	210 U 210 U 210 U 210 U 210 U 3600 2700	UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG
SURROGATE RECOVERIES	QC LIMITS		
DECACHLOROBIPHENYL TETRACHLORO-META-XYLENE	(30 - 150 %) (30 - 150 %)	114 80	96 96

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S Reported: 04/24/98

General Electric Company

Project Reference: 19-7-1 (NEWELL STREET AREA II) SUBSURFACE

Client Sample ID : 19-7-1-SB-DUP-1

Date Sampled: 04/07/98 Order #: 204003 Sample Matrix: SOIL/SEDIMENT

Date Received: 04/08/98 Submission #: 9804000125 Percent Solid: 89.9

ANALYTE	PQL	RESU	JLT UNITS
DATE EXTRACTED : 04/09 DATE ANALYZED : 04/14 ANALYTICAL DILUTION:			Dry Weight
PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260		17 19 17 19 17 19 17 19 17 19 17 170 17 200	U UG/KG U UG/KG U UG/KG
SURROGATE RECOVERIES	QC LIMITS	**	
DECACHLOROBIPHENYL TETRACHLORO-META-XYLENE	(30 - 150 %) (30 - 150 %)	61 70	ole ole

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S Reported: 04/24/98

General Electric Company

Project Reference: 19-7-1 (NEWELL STREET AREA II) SUBSURFACE

Client Sample ID : 19-7-1-SB-2 (10-12')

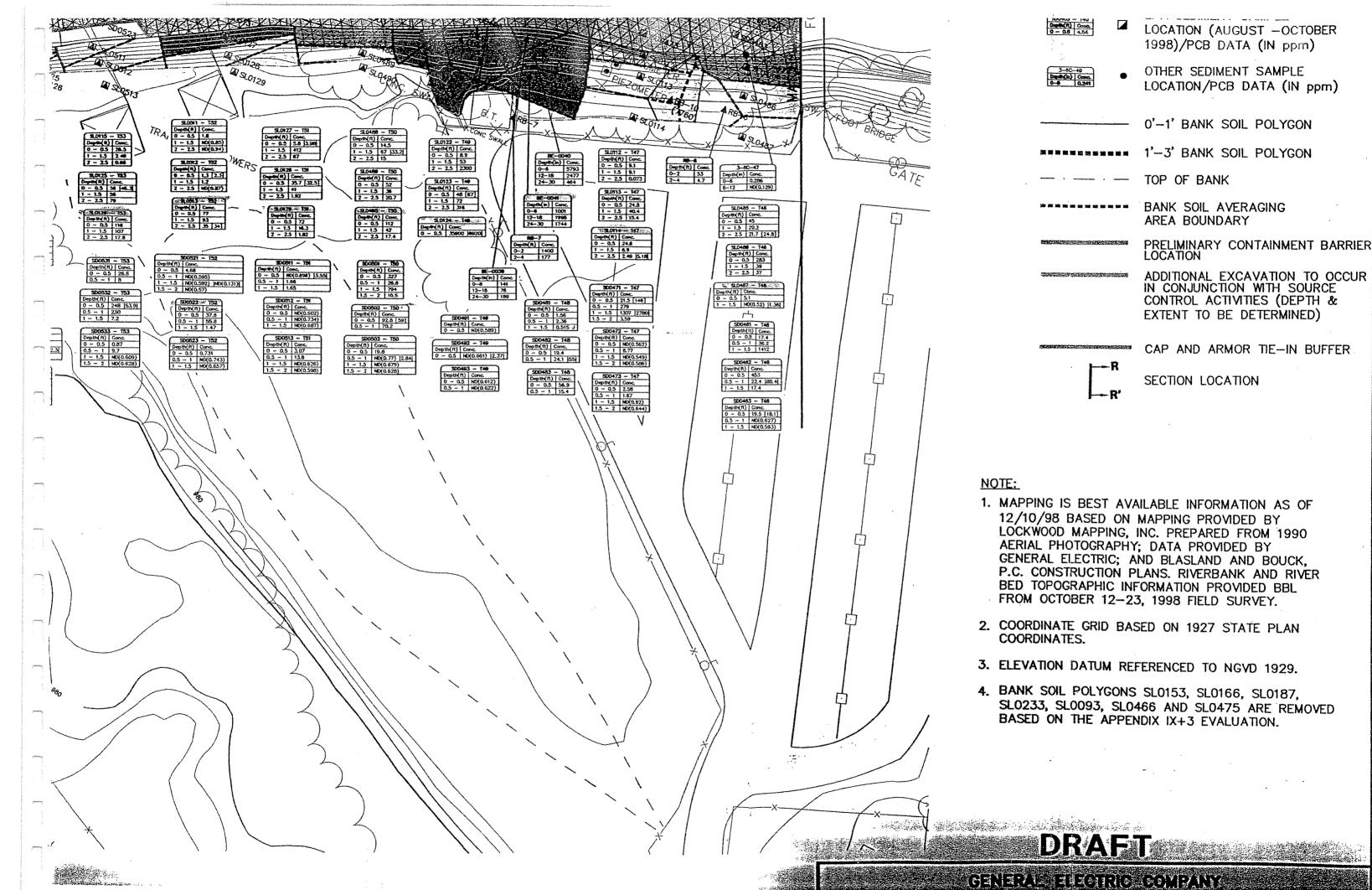
Date Sampled: 04/07/98 Order #: 204004 Sample Matrix: SOIL/SEDIMENT

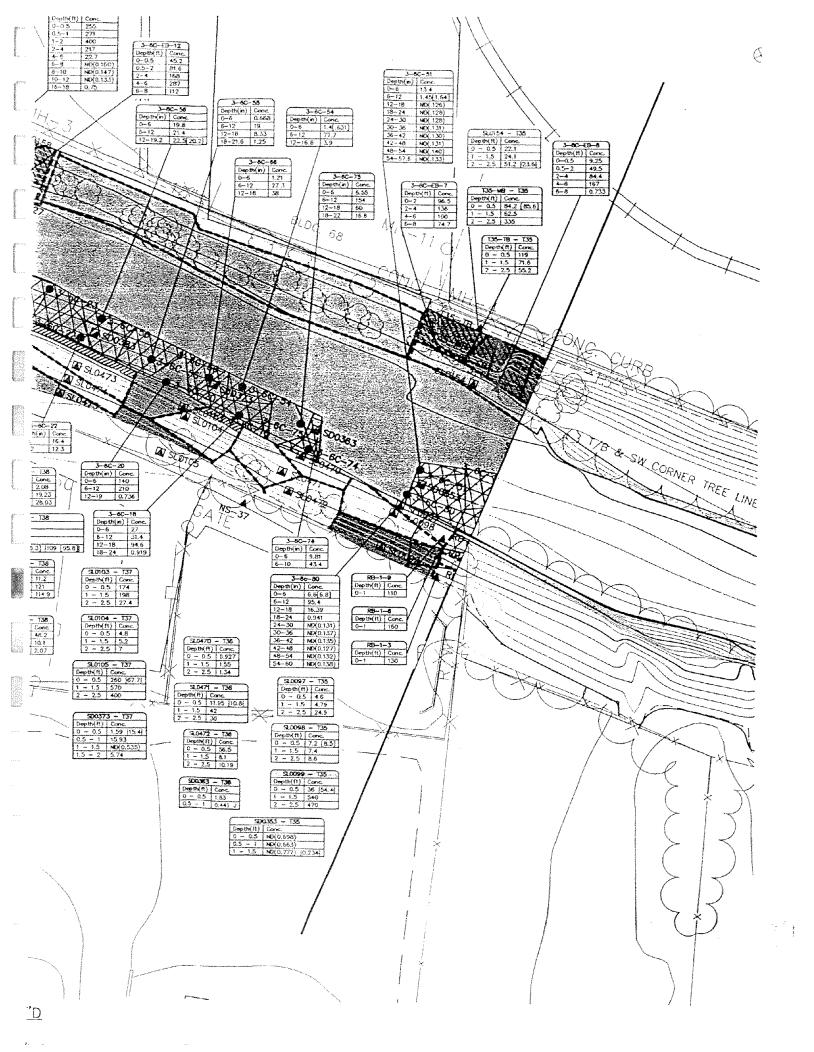
Date Received: 04/08/98 Submission #: 9804000125 Percent Solid: 83.1

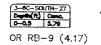
ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 04/09/98 DATE ANALYZED : 04/15/98 ANALYTICAL DILUTION: 10.0			Dry Weight
PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	17 17 17 17 17 17	200 U 200 U 200 U 200 U 200 U 900 1300	UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG
SURROGATE RECOVERIES	QC LIMITS	•• .	
· · · · · · · · · · · · · · · · · · ·	30 - 150 %) 30 - 150 %)	110 75	એ એ











OTHER BANK SAMI LOCATION/PCB DA



EPA SEDIMENT SAI (AUGUST - OCTOE DATA (IN ppm)



OTHER SEDIMENT : LOCATION/PCB DA

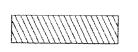
0'-1' BANK SOIL F

1'-3' BANK SOIL F

TOP OF BANK



BUILDING 68 REMC



UPPER 1/2-MILE I (COMPLETED AS P **BUILDING 68 AREA** ACTIVITIES)

SECTION LOCATION

NOTES:

- 1. MAPPING IS BEST AVAILABLE INFORMATION AS OF 12/10/98 BASED ON MAPPING PROVIDED BY LOCKWOOD MAPPING, INC. PREPARED FROM 1990 AERIAL PHOTOGRAPHY; DATA PROVIDED BY GENERAL ELECTRIC; AND BLASLAND AND BOUCK, P.C. CONSTRUCTION PLANS. RIVERBANK AND RIVER BED TOPOGRAPHIC INFORMATION PROVIDED BBL FROM OCTOBER 12-23, 1998 FIELD SURVEY.
- 2. COORDINATE GRID BASED ON 1927 STATE PLAN COORDINATES.
- 3. ELEVATION DATUM REFERENCED TO NGVD 1929.
- 4. BANK SOIL POLYGONS SL0153, SL0166, SL0187, SL0233, SL0093, SL0466 AND SL0475 ARE REMOVED BASED ON THE APPENDIX IX+3 EVALUATION.

DRAET

Location	Sample Name	Sample Depth	Compound	Result	Units
N2SC-01					
, (m. 4)	CS01	0-1			
			Aroclor 1254	230	mg/kg
			Aroclor 1260	200	mg/kg
			Total PCBs	430	mg/kg
	CS0103	1-3	Aroclor 1254	1900	mg/kg
			Total PCBs	1900	mg/kg
	CS0306	3-6	10th 1 C333	*200	***b' **b
			Aroclor 1254	2800	mg/kg
			Total PCBs	2800	mg/kg
	CS0610	6-10			
			Aroclor 1254	61	mg/kg
			Total PCBs	61	mg/kg
	CS1015	10-15	Aroclor 1254	860	mg/kg
			Total PCBs	860	mg/kg
	CS3840	38-40	Total I CD3	000	111E/ KE
			Aroclor 1254	87	mg/kg
			Total PCBs	87	mg/kg
N2SC-02	C10.1				
	CS01	0-1	Aroclor 1254	980	mg/kg
			Total PCBs	980	mg/kg
	CS0103	1-3	A COMPA CAPO	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
			Aroclor 1254	5900	mg/kg
			Total PCBs	5900	mg/kg
	CS0306	3-6		200	
			Aroclor 1254	3600	mg/kg
	CC0.(10	C 10	Total PCBs	3600	mg/kg
	CS0610	6-10	Aroclor 1254	3.7	mg/kg
			Total PCBs	3.7	mg/kg
	CS1015	10-15	2. 1		- 0 - 0
			Aroclor 1254	51	mg/kg
			Total PCBs	51	mg/kg
	CS3436	34-36		6000	0
			Aroclor 1260	6000	mg/kg
Monday, Feb	ruary 08, 1999		3-8		

Location	Sample Name	Sample Depth	Compound	Result	Units
			Aroclor 1254	14000	mg/kg
			Total PCBs	20000	mg/kg
	CS3638	36-38	10tur 1 0 200	2000	7110 NB
		,	Aroclor 1254	940	mg/kg
			Aroclor 1260	420	mg/kg
			Total PCBs	1360	mg/kg
N2SC-03					
	CS01	0-1	Aroclor 1254	150	mg/kg
~					
	C20102	1 2	Total PCBs	150	mg/kg
	CS0103	1-3	Aroclor 1260	23000	mg/kg
			Aroclor 1254	20000	mg/kg
			Total PCBs	43000	mg/kg
	CS0306	3-6			
			Aroclor 1260	5300	mg/kg
			Total PCBs	5300	mg/kg
	CS0610	6-10			
			Aroclor 1254	1800	mg/kg
			Aroclor 1260	1400	mg/kg
		10.15	Total PCBs	3200	mg/kg
	CS1015	10-15	Aroclor 1254	52000	mg/kg
			Total PCBs	52000	mg/kg
	CS3638	36-38	Total FCDs	32000	mg/kg
	003030		Aroclor 1254	1600	mg/kg
			Total PCBs	1600	mg/kg
V2SC-04					
	CS01	0-1	1 1054	120	
			Aroclor 1254	130	mg/kg
	000103	t. 9	Total PCBs	130	mg/kg
	CS0103	1-3	Aroclor 1254	160	mg/kg
			Total PCBs	160	mg/kg
	CS0306	3-6	Total I Ch2	100	1115/112
	250500	~ ~	Aroclor 1254	14	mg/kg
			Aroclor 1260	7.1	mg/kg
			Total PCBs	21.1	mg/kg

Table 3-2	Detected PCB Soil	Concentrations,	Newell Street Area II (continued).
Location	Sample Name	Sample Depth	Compound
	CS0610	6-10	

Location	Sample Name	Sample Depth	Compound	Result	Units
	CS0610	6-10			
			Aroclor 1254	250	mg/kg
			Total PCBs	250	mg/kg
	CS1015	10-15	4 I 105 4	1 77	mm or /1 = o
			Aroclor 1254	1.7	mg/kg
	CS2830	28-30	Total PCBs	1.7	mg/kg
	C52650	20-30	Aroclor 1254	1.6	mg/kg
			Total PCBs	1.6	mg/kg
N2SC-05					30
	CS01	0-1			_
			Aroclor 1254	2900	mg/kg
			Total PCBs	2900	mg/kg
	CS0103	1-3	Aroclor 1254	22000	mg/kg
			Total PCBs	22000	mg/kg
	CS0306	3-6	John I CD3	22000	*****************************
			Aroclor 1254	56	mg/kg
			Total PCBs	56	mg/kg
	CS0610	6-10			
			Aroclor 1254	28	mg/kg
			Total PCBs	28	mg/kg
	CS1015	10-15	Aroclor 1254	0.7	mg/kg
			Total PCBs	0.7	mg/kg
	CS3436	34-36	10tal 1 CD3	0. ,	
			Aroclor 1254	270	mg/kg
			Total PCBs	270	mg/kg
N2SC-06					
	CS01	0-1	Aroclor 1254	0.95	mg/kg
			Total PCBs	0.95	mg/kg
	CS0103	1-3	Total I CDs	0.75	mg/kg
	The same of the sa		Aroclor 1254	940	mg/kg
			Total PCBs	940	mg/kg
	CS0306	3-6			
			Aroclor 1254	560	mg/kg
			Aroclor 1260	220	mg/kg
Manday Fak	**************************************		2.10		

Table 3-2	Detected PCB Soil	Concentrations,	Newell Street	Area II (continued).

Location	Sample Name	Sample Depth	Compound	Result	Units
			Total PCBs	780	mg/kg
	CS0610	6-10			
			Aroclor 1254	1400	mg/kg
			Total PCBs	1400	mg/kg
	CS1015	10-15	A ==3== 1054	85	/l
			Aroclor 1254		mg/kg
	CC2 42 6	24.26	Total PCBs	85	mg/kg
	CS3436	34-36	Aroclor 1254	11	mg/kg
			Aroclor 1260	32	mg/kg
			Total PCBs	43	mg/kg
N2SC-07			rotal r cps	*5	
,200	CS01	0-1			
			Aroclor 1254	0.78	mg/kg
			Total PCBs	0.78	mg/kg
	CS0103	1-3			
			Aroclor 1254	~ 20	mg/kg
			Total PCBs	20	mg/kg
	CS0306	3-6	A 1054	7.4	
			Aroclor 1254 Aroclor 1260	74 28	mg/kg mg/kg
	CS0610	6-10	Total PCBs	102	mg/kg
	CS0010	0-10	Aroclor 1254	11	mg/kg
			Total PCBs	11	mg/kg
	CS1015	10-15	IVIAI I CDS	11	mg kg
		10 10	Aroclor 1254	7.9	mg/kg
			Total PCBs	7.9	mg/kg
	CS3234	32-34			
			Aroclor 1254	13000	mg/kg
			Total PCBs	13000	mg/kg
	CS3436	34-36			
			Aroclor 1254	120	mg/kg
			Total PCBs	120	mg/kg

Table 4-2. Soil PCB Concentrations, Newell Street Area II

Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier Modifier	Units
N2SC-08						
	CS01	0-1				
			Aroclor 1016	ND		mg/kg
			Aroclor 1221	ND		mg/kg
			Aroclor 1232	ND		mg/kg
			Aroclor 1242	ND		mg/kg
			Aroclor 1248	ND		mg/kg
		•	Aroclor 1254	780		mg/kg
			Aroclor 1260	ND		mg/kg
			Total PCBs	780	•	
	CS0103	1-3				
			Aroclor 1016	ND		mg/kg
			Aroclor 1221	ND		mg/kg
			Aroclor 1232	ND		mg/kg
			Aroclor 1242	ND		mg/kg
			Aroclor 1248	ND		mg/kg
			Aroclor 1254	140		mg/kg
			Aroclor 1260	ND		mg/kg
		,	Total PCBs	140		
	CS0306	3-6				
			Aroclor 1016	ND		mg/kg
			Aroclor 1221	ND		mg/kg
			Aroclor 1232	ND		mg/kg
			Aroclor 1242	ND		mg/kg
			Aroclor 1248	ND		mg/kg
			Aroclor 1254	570		mg/kg
			Aroclor 1260	ND		mg/kg
			Total PCBs	570		

Table 4-2. (continued)

Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier Modifier	Units
	CS0610	6-10				
			Aroclor 1016	ND		mg/kg
			Aroclor 1221	ND		mg/kg
			Aroclor 1232	ND		mg/kg
			Aroclor 1242	ND		mg/kg
			Aroclor 1248	ND		mg/kg
			Aroclor 1254	14		mg/kg
			Aroclor 1260	ND		mg/kg
			Total PCBs	14		
	CS1015	10-15				-
			Aroclor 1016	ND		mg/kg
			Aroclor 1221	ND		mg/kg
			Aroclor 1232	ND	•	mg/kg
			Aroclor 1242	ND		mg/kg
			Aroclor 1248	ND		mg/kį
			Aroclor 1254	3.1		mg/k
			Aroclor 1260	ND		mg/k
			Total PCBs	3.1		
	SS22	38-40				
			Aroclor 1016	ND		mg/k
			Aroclor 1221	ND		mg/k
			Aroclor 1232	ND		mg/k
			Aroclor 1242	" ND		mg/k
			Aroclor 1248	ND		mg/k
			Aroclor 1254	340		mg/k
	,		Aroclor 1260	ND		mg/k
			Total PCBs	340		
	SS23	40-42				
			Aroclor 1016	ND		mg/k
			Aroclor 1221	ND		mg/k
			Aroclor 1232	ND		mg/k
			Aroclor 1242	ND		mg/k
			Aroclor 1248	ND		mg/k
			Aroclor 1254	300	**	mg/k
			Aroclor 1260	ND		mg/k
		× - 1	Total PCBs	300		

Table 4-2. (continued)

Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier Modifier	Units
V2SC-09	GG61					
	CS01	0-1	4 1 3036	1 m		0
			Aroclor 1016	ND		mg/kį
			Aroclor 1221	ND		mg/kg
			Aroclor 1232	ND	*	mg/k
			Aroclor 1242	ND		mg/k
			Aroclor 1248	ND		mg/k
			Aroclor 1254	ND		mg/k
			Aroclor 1260	27		mg/k
			Total PCBs	27		
	CS0103	1-3				
			Aroclor 1016	ND		mg/k
			Aroclor 1221	ND		mg/k
			Aroclor 1232	ND		mg/k
	•		Aroclor 1242	ND		mg/k
			Aroclor 1248	ND		mg/k
			Aroclor 1254	8700		mg/k
			Aroclor 1260	ND		mg/k
			Total PCBs	8700		
	CS0306	3-6				
			Aroclor 1016	ND		mg/k
			Aroclor 1221	ND		mg/k
			Aroclor 1232	ND		mg/k
			Aroclor 1242	ND		mg/k
		-	Aroclor 1248	ND		mg/k
			Aroclor 1254	1300		mg/k
			Aroclor 1260	ND		mg/k
			Total PCBs	1300		
	CS0610	6-10		1000		
	650010	0.10	Aroclor 1016	ND		mg/k
			Aroclor 1221	ND		mg/k
		•	Aroclor 1232	ND		mg/k
			Aroclor 1242	ND		mg/k
			Aroclor 1248	ND		mg/k
			Aroclor 1254	13000		mg/k
			Aroclor 1260	ND		mg/k
						mg/K
			Total PCBs	13000		

Table 4-2. (continued)

ocation.	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier Modifier	Units
	CS1015	10-15				_
			Aroclor 1016	ND		mg/kg
			Aroclor 1221	ND		mg/kg
			Aroclor 1232	ND		mg/kg
			Aroclor 1242	ND		mg/k
			Aroclor 1248	ND		mg/k
			Aroclor 1254	3500		mg/k
			Aroclor 1260	ND		mg/k
			Total PCBs	3500		
	CS3640	36-40				
			Aroclor 1016	ND		mg/k
			Aroclor 1221	ND		mg/k
			Aroclor 1232	ND		mg/k
			Aroclor 1242	ND		mg/k
			Aroclor 1248	ND		mg/k
			Aroclor 1254	510		mg/k
			Aroclor 1260	ND		mg/l
			Total PCBs	510		
	SS22	38-40				
			Aroclor 1016	ND		mg/l
			Aroclor 1221	ND		mg/l
			Aroclor 1232	ND		mg/l
			Aroclor 1242	ND		mg/l
			Aroclor 1248	ND		mg/l
			Aroclor 1254	5.8		mg/l
			Aroclor 1260	ND		mg/l
			Total PCBs	5.8		
/2SC-10						
	CS01	0-1				
			Aroclor 1016	ND		mg/l
			Aroclor 1221	ND		mg/l
			Aroclor 1232	ND		mg/l
			Aroclor 1242	ND		mg/l
			Aroclor 1248	ND		mg/l
	*		Aroclor 1254	1.6		mg/l
			Aroclor 1260	ND		mg/
		•	Total PCBs	1.6		

Table 4-2. (continued)

Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier Modifier	Units
	CS0103	1-3				
			Aroclor 1016	ND		mg/kg
			Aroclor 1221	ND		mg/kg
			Aroclor 1232	ND		mg/kg
			Aroclor 1242	ND		mg/k
			Aroclor 1248	ND		mg/k
			Aroclor 1254	0.092		mg/k
			Aroclor 1260	ND		mg/k
			Total PCBs	0.092		
	CS0306	3-6				•
			Aroclor 1016	ND		mg/k
			Aroclor 1221	ND		mg/k
			Aroclor 1232	ND -		mg/k
			Aroclor 1242	ND		mg/k
			Aroclor 1248	ND		mg/k
			Aroclor 1254	0.04		mg/k
			Aroclor 1260	ND		mg/k
			Total PCBs	0.04		
	CS0610	6-10				
			Aroclor 1016	ND		mg/k
			Aroclor 1221	ND		mg/k
			Aroclor 1232	ND		mg/k
			Aroclor 1242	ND		mg/l
			Aroclor 1248	ND	,	mg/l
			Aroclor 1254	0.02	J	mg/l
			Aroclor 1260	ND		mg/l
			Total PCBs	0.02		
	CS1015	10-15				
			Aroclor 1016	ND		mg/l
			Aroclor 1221	ND		mg/k
			Aroclor 1232	ND		mg/l
			Aroclor 1242	ND		mg/I
			Aroclor 1248	ND		mg/l
			Aroclor 1254	0.025	J	mg/l
			Aroclor 1260	ND		mg/l
		-	Total PCBs	0.025		

Table 4-2. (continued)

Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier Modifier	Units
	CS1822	18-22				
			Aroclor 1016	ND		mg/k
			Aroclor 1221	ND		mg/k
			Aroclor 1232	ND		mg/k
			Aroclor 1242	ND		mg/k
			Aroclor 1248	ND		mg/k
			Aroclor 1254	0.024	J	mg/k
			Aroclor 1260	ND		mg/k
			Total PCBs	0.024		
	CS2832	28-32				
			Aroclor 1016	ND		mg/k
			Aroclor 1221	ND		mg/k
			Aroclor 1232	ND		mg/l
			Aroclor 1242	ND		mg/l
			Aroclor 1248	ND		mg/l
			Aroclor 1254	0.051		mg/l
			Aroclor 1260	ND		mg/l
			Total PCBs	0.051		
V2SC-11					·	
	SS11	34-36				_
			Aroclor 1016	ND		mg/l
			Aroclor 1221	ND		mg/l
			Aroclor 1232	ND		mg/l
			Aroclor 1242	ND		mg/l
			Aroclor 1248	ND		mg/l
			Aroclor 1254	0.034	J	mg/l
			Aroclor 1260	ND		mg/l
			Total PCBs	0.034		
V2SC-12	SS12	36-38				
	5512	30-36	Aroclor 1016	ND		mg/l
			Aroclor 1221	ND		mg/l
			Aroclor 1232	ND		mg/l
			Aroclor 1242	ND		mg/l
			Aroclor 1248	ND		mg/l
			Aroclor 1254	ND		mg/l
			Aroclor 1260	ND		mg/l
			Total PCBs	0		~~~ ~
			10tai FCD5	υ		

Table 4-2. (continued)

Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier Modifier	Units
	SS12D	36-38				
			Aroclor 1016	ND		mg/kg
			Aroclor 1221	ND		mg/kg
			Aroclor 1232	ND		mg/kg
			Aroclor 1242	ND		mg/kg
			Aroclor 1248	ND		mg/kg
			Aroclor 1254	ND		mg/kg
			Aroclor 1260	ND		mg/kg
			Total PCBs	0		*

Qualifier

ND Not Detected

J Result is between MDL and RL.

GENERAL ELECTRIC COMPANY PITTSFIELD, MASSACHUSETTS

TABLE 11-2

NEWELL STREET AREA II SOIL BORING PROGRAM PCB SAMPLE DATA RECEIVED DURING MAY 2001

(Results are presented in dry weight parts per million, ppm)

Sample ID	Depth(Feet)	Date Collected	Aroclor-1248	Areclor-1254	Aroclor-1260	Total PCBs
RAA13-2	0-1	5/2/01	ND(66)	1100	ND(66)	1100
	1-3	5/2/01	ND(0.041)	1.1	0.33	1.43
	3-6	5/2/01	ND(0.048)	0.027 J	ND(0.048)	0.027 J
	6-10	5/2/01	ND(0.071) [ND(0.070)]	ND(0.071) [0.036 J]	ND(0.071) [ND(0.070)]	ND(0.071) [0.036 J]
	10-15	5/2/01	ND(40)	330	ND(40)	330
	20-22	5/2/01	ND(0.044)	0.30	ND(0.044)	0.30
RAA13-3	0-1	5/2/01	ND(47)	290	ND(47)	290
	1-3	5/2/01	ND(0.042)	0.11	ND(0.042)	0.11
	3-6	5/2/01	ND(0.058)	ND(0.058)	0.042 J	0.042 J
	6-10	5/2/01	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	10-15	5/2/01	ND(0.043)	0.20	0.17	0.37
	22-24	5/2/01	ND(0.043)	ND(0.043)	0.55	0.55

Notes:

- 1. Samples were collected by Blasland, Bouck & Lee, Inc., and were submitted to CT&E Environmental Services, Inc. for analysis of PCBs.
- 2. ND Analyte was not detected. The number in parentheses is the associated detection limit.
- 3. Duplicate sample results are presented in brackets.
- 4. J Indicates an estimated value less than the practical quantitation limit (PQL).